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General Theory and Numerical Tables of Clebsch-Gordan Coefficients

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Abstract

For the convenience to evaluate the Clebsch-Gordan coefficients, we derive the new general expressions starting from Cartan's theory of spinor representation, and give several special formulas, in particular, algebraic tables for $j'=7/2 \sim 5$. Besides, we add the numerical tables for $j'=1/2 \sim 6$ and $j=5, 11/2, 6$.

§1. Introduction

For the general expressions of the Clebsch-Gordan coefficients (C-G coefficients), there are Wigner's and Racah's formulas.¹⁾ But these expressions are rather inconvenient to practically evaluate the C-G coefficients. There have already been given the algebraic tables for $j'=1/2 \sim 3$,²⁾ while for the higher j' -values, it seems very cumbersome to evaluate the numerical values from Wigner's general expression.

Here we derive a new general expression of C-G coefficients from the theory of spinor representation in three-dimensional rotation group,³⁾ and this expression has a convenient form for practical evaluation to any given value of j and j' . Since the general C-G coefficients have many variables, we give also several algebraic tables by fixing some variables for the practical use in computing the numerical C-G coefficients. Especially, we give here the algebraic tables of the C-G coefficients for $j'=7/2 \sim 5$. For the higher values of j' , we can easily obtain the similar tables from general expressions, but space does not permit us to insert these tables because of their massive forms.

From these tables, we can estimate the numerical C-G coefficients corresponding to various combination of arbitrary two spins or angular momenta, while there have already been given the numerical tables for $j, j' \leq 9/2$.⁴⁾ In the last section, we intend to present the numerical tables for the higher values, $j'=1/2 \sim 6$ and $j=5, 11/2, 6$ ($j \geq j'$).

§2. Spinor representation of three-dimensional rotation group

Denote the representation of rotation of degree j by ϑ , and the

parity to the reflection of space by \pm , then the generating polynomials of representations \mathcal{V}_j^+ and \mathcal{V}_j^- are given by two spinor sets, (ξ_0, ξ_1) and (ξ'_0, ξ'_1) , as follows:³⁾

$$(a\xi_0 + b\xi_1)^{2j}, \quad (a\xi_0 + b\xi_1)^{2j}(\xi_0\xi'_1 - \xi_1\xi'_0),$$

respectively.* j is positive integer or half-integer. And also the direct product of variables in two representations \mathcal{V}_j^+ and $\mathcal{V}_{j'}^+$ gives the variables in the representation of degree $(2j+1)(2j'+1)$ denoted by $\mathcal{V}_j^+ \times \mathcal{V}_{j'}^+$, which decomposes to the sum of the following irreducible representations:

$$\mathcal{V}_j^+ \times \mathcal{V}_{j'}^+ = \mathcal{V}_{j+j'}^+ + \mathcal{V}_{j+j'-1}^- + \cdots + \mathcal{V}_{j-j'}^\pm, \quad (1)$$

where the parity of the last term is even (odd) when j' is (half) integer, and throughout this paper we suppose $j \geq j'$.

In particular, we consider the relation,

$$\mathcal{V}_{j/2}^+ \times \mathcal{V}_{1/2}^+ = \mathcal{V}_{j/2+1/2}^+ + \mathcal{V}_{j/2-1/2}^-,$$

then a generating polynomial of $\mathcal{V}_{j/2+1/2}^+$ is

$$\begin{aligned} & (a\xi_0 + b\xi_1)^j (a\xi'_0 + b\xi'_1) \\ &= a^{j+1}\xi_0\xi'_0 + a^j b (j\xi_0^{j-1}\xi_1\xi'_0 + \xi_0^j\xi'_1) + a^{j-1}b^2 \left(\frac{j(j-1)}{2} \xi_0^{j-2}\xi_1^2\xi'_0 + j\xi_0^{j-1}\xi_1\xi'_1 \right) \\ &+ \dots \end{aligned} \quad (2)$$

In this formula, we first distinguish the spinor in $\mathcal{V}_{j/2}^+$ from that in $\mathcal{V}_{1/2}^+$. In case we set $j=1$, the variables, $\xi_0\xi'_0$, $\xi_1\xi'_0 + \xi_0\xi'_1$ and $\xi_1\xi'_1$, make a vector in three-dimensional space. Now, we denote a spin eigenstate by (j, m) , where j is the magnitude of spin and m its third component, and we set

$$\xi_0 = \left(\frac{1}{2}, \frac{1}{2} \right), \quad \xi_1 = \left(\frac{1}{2}, -\frac{1}{2} \right),$$

and without dash symbol

* $\xi_0\xi'_0 - \xi_1\xi'_1$ can be written as $\tilde{C}\xi'$ in a matrix form, where $\xi = \begin{pmatrix} \xi_0 \\ \xi_1 \end{pmatrix}$, \sim means transposition and $C = \begin{pmatrix} 0 & 1 \\ -1 & 0 \end{pmatrix}$. Matrix C has following properties:

$$C\tilde{C} = 1, \quad \tilde{C} = -C, \quad C\sigma_i = -\tilde{\sigma}_i C \quad (\sigma_i; \text{ Pauli matrix}).$$

When we turn over the direction of the first coordinate axis, i.e., $x_1, x_2, x_3 \rightarrow -x_1, x_2, x_3$ spinor ξ transforms to $\sigma_1\xi$, and

$$\tilde{C}\xi' \longrightarrow \tilde{\sigma}_1 C\sigma_1 \xi' = -\tilde{C}\xi'.$$

If we superpose the more inversions of the second and the third coordinate axes, we obtain the reflection of space and $\tilde{C}\xi'$ changes the sign. (Explicitly saying, by the space-reflection ξ_0 and ξ_1 are transformed to $i\xi_0$ and $i\xi_1$, respectively.)

$$\begin{aligned}\xi_0 \xi'_0 &\rightarrow \xi_0^2 = (1, 1), \\ \xi_1 \xi'_0 + \xi_0 \xi'_1 &\sim \sqrt{2} (1, 0) \rightarrow \xi_0 \xi_1 = \frac{1}{\sqrt{2}} (1, 0), \\ \xi_1 \xi'_1 &\rightarrow \xi_1^2 = (1, -1).\end{aligned}$$

Still more, the higher spin states can be constructed from the lower ones as the formula (2) indicates. So if we assume the relations,

$$\xi_0^j = \left(\frac{j}{2}, \frac{j}{2} \right), \quad \xi_0^{j-2} \xi_1 = \frac{1}{\sqrt{j-1}} \left(\frac{j}{2} - \frac{1}{2}, \frac{j}{2} - \frac{3}{2} \right),$$

and derive an expression $j \xi_0^{j-1} \xi_1$ from

$$[\xi_0^{j-1} \xi'_1 + (j-1) \xi_0^{j-2} \xi_1 \xi'_0] |_{\xi=\xi'},$$

then we have a relation

$$\begin{aligned}\xi_0^{j-1} \xi'_1 + (j-1) \xi_0^{j-2} \xi_1 \xi'_0 &= \left(\frac{j}{2} - \frac{1}{2}, \frac{j}{2} - \frac{1}{2} \right) \left(\frac{1}{2}, -\frac{1}{2} \right) \\ &+ \sqrt{j-1} \left(\frac{j}{2} - \frac{1}{2}, \frac{j}{2} - \frac{3}{2} \right) \left(\frac{1}{2}, \frac{1}{2} \right).\end{aligned}$$

From Eq. (2), this term can be considered to be transformed like a spin state

$$\{(\sqrt{j-1})^2 + 1\}^{1/2} \left(\frac{j}{2}, \frac{j}{2} - 1 \right),$$

where we take into account the normalization. Therefore, we may denote

$$\xi_0^{j-1} \xi_1 = \frac{1}{\sqrt{j}} \left(\frac{j}{2}, \frac{j}{2} - 1 \right).$$

Similarly, we find the relation,

$$\xi_0^{j-2} \xi_1^2 = \frac{1}{\sqrt{\binom{j}{2}}} \left(\frac{j}{2}, \frac{j}{2} - 2 \right).$$

Thus we obtain the helpful relations:

$$\left. \begin{aligned}\xi_0 &= \left(\frac{1}{2}, \frac{1}{2} \right) & \xi_0^2 &= (1, 1) & \dots & \xi_0^j &= \left(\frac{j}{2}, \frac{j}{2} \right) \\ \xi_1 &= \left(\frac{1}{2}, -\frac{1}{2} \right) & \xi_0 \xi_1 &= \frac{1}{\sqrt{2}} (1, 0) & \dots & \xi_0^{j-1} \xi_1 &= \frac{1}{\sqrt{j}} \left(\frac{j}{2}, \frac{j}{2} - 1 \right) \\ \xi_1^2 &= (1, -1) & \dots & \xi_0^{j-2} \xi_1^2 &= \frac{1}{\sqrt{\binom{j}{2}}} \left(\frac{j}{2}, \frac{j}{2} - 2 \right)\end{aligned} \right\} (3)$$

where

$$\binom{j}{k} = \frac{j!}{k!(j-k)!}, \quad 0! = 1.$$

Above relations mean that if we take the spinor (ξ_0, ξ_1) as an eigen-spinor of degree $1/2$ of three-dimensional rotation group, $(\xi_0^j, \xi_0^{j-1}\xi_1, \dots, \xi_0\xi_1^{j-1}, \xi_1^j)$ makes an eigen-spinor of degree $j/2$.

§3. C-G coefficients

i) $\vartheta_{j+j'}^+$

In the direct decomposition of representation, Eq. (1), we first consider a representation $\vartheta_{j+j'}^+$. The generating polynomial is

$$(a\xi_0 + b\xi_1)^{2j} (a\xi'_0 + b\xi'_1)^{2j'} = \sum_{n=1}^{2j+2j'+1} a^{2j+2j'-n+1} b^{n-1} \left[\binom{2j}{n-1} \xi_0^{2j-n+1} \xi_1^{n-1} \xi'_0^{2j'} + \dots \right. \\ \left. + \binom{2j}{n-i} \binom{2j'}{i-1} \xi_0^{2j-n+i} \xi_1^{n-i} \xi'_0^{2j'-i+1} \xi'_1^{i-1} + \dots \right. \\ \left. + \binom{2j}{n-2j'-1} \xi_0^{2j+2j'-n+1} \xi_1^{n-2j'-1} \xi'_1^{2j'} \right].$$

Now, describe the n -th term by spin notations using the relations (3), then a sequence of coefficients of spin state vectors,

$$\sqrt{\binom{2j}{n-1}}, \sqrt{\binom{2j}{n-2} \binom{2j'}{1}}, \dots, \sqrt{\binom{2j}{n-i} \binom{2j'}{i-1}}, \dots, \sqrt{\binom{2j}{n-2j'-1}},$$

makes the C-G coefficients $C(j, j', j+j'; j-n+i, j'-i+1, j+j'-n+1)$ ($i=1, 2, \dots, 2j'+1$) apart from the normalization. The square of normalization factor is given by

$$\binom{2j}{n-1} + \binom{2j}{n-2} \binom{2j'}{1} + \dots + \binom{2j}{n-2j'-1} = \binom{2j+2j'}{n-1}.$$

Accordingly, we get the C-G coefficients,

$$\sqrt{\frac{\binom{2j}{n-1}}{\binom{2j+2j'}{n-1}}}, \sqrt{\frac{\binom{2j}{n-2} \binom{2j'}{1}}{\binom{2j+2j'}{n-1}}}, \dots, \sqrt{\frac{\binom{2j}{n-i} \binom{2j'}{i-1}}{\binom{2j+2j'}{n-1}}}, \dots, \sqrt{\frac{\binom{2j}{n-2j'-1}}{\binom{2j+2j'}{n-1}}}.$$

ii) $\mathcal{V}_{j+j'-1}^{-}$

The generating polynomial is

$$(a\xi_0 + b\xi_1)^{2j-1} (a\xi'_0 + b\xi'_1)^{2j'-1} (\xi_0\xi'_1 - \xi_1\xi'_0),$$

and a term having the coefficient $a^{2j+2j'-n-1}b^{n-1}$ is

$$\begin{aligned} & -\binom{2j-1}{n-1} \xi_0^{2j-n} \xi_1^n \xi'_0^{2j'} + \left[\binom{2j-1}{n-1} - \binom{2j-1}{n-2} \binom{2j'-1}{1} \right] \xi_0^{2j-n+1} \xi_1^{n-1} \xi'_0^{2j'-1} \xi'_1 + \dots \\ & \dots + \left[\binom{2j-1}{n-i+1} \binom{2j'-1}{i-2} - \binom{2j-1}{n-i} \binom{2j'-1}{i-1} \right] \xi_0^{2j-n+i-1} \xi_1^{n-i+1} \xi'_0^{2j'-i+1} \xi'_1^{i-1} + \dots \\ & = \frac{-\binom{2j-1}{n-1}}{\sqrt{\binom{2j}{n}}} (j, j-n)(j', j') \\ & + \frac{\binom{2j-1}{n-1} - \binom{2j-1}{n-2} \binom{2j'-1}{1}}{\sqrt{\binom{2j}{n-1} \binom{2j'}{1}}} (j, j-n+1)(j', j'-1) \\ & \dots + \frac{\binom{2j-1}{n-i+1} \binom{2j'-1}{i-2} - \binom{2j-1}{n-i} \binom{2j'-1}{i-1}}{\sqrt{\binom{2j}{n-i+1} \binom{2j'}{i-1}}} (j, j-n+i-1)(j', j'-i+1) \\ & + \dots, \quad (i=1, 2, \dots, 2j'+1). \end{aligned}$$

In this case, a normalization factor becomes*

$$\sqrt{\frac{(2j+2j') \binom{2j+2j'-2}{n-1}}{2j \cdot 2j'}}.$$

Thus, the C-G coefficients $C(j, j', j+j'-1; j-n+i-1, j'-i+1, j+j'-n)$ ($i=1, 2, \dots, 2j'+1$) are obtained as follows:

$$\begin{aligned} & \sqrt{\frac{2j \cdot 2j'}{(2j+2j') \binom{2j+2j'-2}{n-1} \binom{2j}{n-i+1} \binom{2j'}{i-1}}} \\ & \times \left[\binom{2j-1}{n-i+1} \binom{2j'-1}{i-2} - \binom{2j-1}{n-i} \binom{2j'-1}{i-1} \right] \quad (i=1, 2, \dots, 2j'+1). \end{aligned}$$

iii) $\mathcal{V}_{j+j'-s}^{(-1)^s}$ ($s=0, 1, 2, \dots, 2j'$)

For this general case, generating polynomial is given by

* This result can be obtained by direct calculation, and by reduction method for general case. This derivation, however, is too complicated to be inserted here.

$$\begin{aligned}
& (a\xi_0 + b\xi_1)^{2j-s} (a\xi'_0 + b\xi'_1)^{2j'-s} (\xi_0\xi'_1 - \xi_1\xi'_0)^s \\
= & \sum_{n=1}^{2j+2j'-2s+1} a^{2j+2j'-2s-n+1} b^{n-1} \left[\sum_{i=1}^{s+n} \left\{ \binom{2j-s}{n+s-i} \binom{2j'-s}{i-s-1} - s \binom{2j-s}{n+s-i-1} \binom{2j'-s}{i-s} \right\} + \dots \right. \\
& + (-1)^{r-1} \binom{s}{r-1} \binom{2j-s}{n+s-i-r+1} \binom{2j'-s}{i-s+r-2} + \dots \\
& \left. + (-1)^s \binom{2j-s}{n-i} \binom{2j'-s}{i-1} \right\} \left\{ \binom{2j}{n+s-i} \binom{2j'}{i-1} \right\}^{-1/2} (j, j-n+i-s) (j', j'-i+1) \left. \right]
\end{aligned}$$

using the relations (3). The normalization factor is obtained as

$$\sqrt{\frac{\binom{2j+2j'-s+1}{s} \binom{2j+2j'-2s}{n-1}}{\binom{2j}{s} \binom{2j'}{s}}}.$$

Now, we find the general C-G coefficient $C(j, j', j+j'-s; j-n-s+i, j'-i+1, j+j'-s-n+1)$. For convenience' sake, we write separately a denominator and a numerator in this expression, for the denominator is independent of parameter i and so the C-G coefficients of various i -values have a common denominator. Furthermore, in the above mentioned denominator we put the factor $\binom{2j}{s} \binom{2j'}{s}$ into the numerator so as to make the denominator and numerator integer individually. Then the C-G coefficient can be written as follows:

Denominator

$$\sqrt{\binom{2j+2j'-s+1}{s} \binom{2j+2j'-2s}{n-1}},$$

i -th numerator

$$\begin{aligned}
& \sqrt{\frac{\binom{2j}{s} \binom{2j'}{s}}{\binom{2j}{n-s-i} \binom{2j'}{i-1}}} \left[\binom{2j-s}{n+s-i} \binom{2j'-s}{i-s-1} - s \binom{2j-s}{n+s-i-1} \binom{2j'-s}{i-s} \right. \\
& \left. + (-1)^{r-1} \binom{s}{r-1} \binom{2j-s}{n+s-i-r+1} \binom{2j'-s}{i-s+r-2} \right] \quad (r=1, 2, \dots, s+1).
\end{aligned}$$

Hereupon, we deform the above expression by variable $m (= j+j'-s-n+1)$. Then we have the usual expressions of the general C-G coefficients $C(j, j', j+j'-s; -j'+m+i-1, j'-i+1, m)$ as follows:

a) $s=0$

denominator

$$\sqrt{\binom{2j+2j'}{2j'}}.$$

numerators

$$\begin{aligned}
 i=1 & \quad \sqrt{\binom{j+j'+m}{2j'}} \\
 i=2 & \quad \sqrt{\binom{j+j'+m}{2j'-1} \binom{j+j'-m}{1}} \\
 \dots\dots & \quad \dots\dots \\
 i & \quad \sqrt{\binom{j+j'+m}{2j'-i+1} \binom{j+j'-m}{i-1}} \\
 \dots\dots & \quad \dots\dots \\
 i=2j' & \quad \sqrt{\binom{j+j'+m}{1} \binom{j+j'-m}{2j'-1}} \\
 i=2j'+1 & \quad \sqrt{\binom{j+j'-m}{2j'}}
 \end{aligned}$$

These numerators are also obtained from the following formula in case $s \leq j'$ and $i \geq s+1$ putting $s=0$.

b) $s \neq 0$

denominator

$$\sqrt{\binom{2j+2j'-s+1}{s} \binom{2j+2j'-2s}{2j'-s}},$$

numerators ($i=1, 2, \dots, 2j'+1$):

If $s \leq j'$,

$i \leq s$

$$\begin{aligned}
 & (-1)^s \frac{1}{s!} \sqrt{\frac{(i-1)!}{(2j'-s)!} (j+j'+m-s) \dots (j-j'+m+i) (j+j'-m-i+1) \dots} \\
 & \dots (j+j'-m-s+1) (2j'-i+1) \dots (2j'-s+1) \\
 & \times \left[(-1)^{i-1} \binom{s}{i-1} (j-j'+m+i-1) \dots (j-j'+m+1) \right. \\
 & + (-1)^{i-2} \binom{s}{i-2} (j-j'+m+i-1) \dots (j-j'+m+2) (j+j'-m-s) \\
 & \times (2j'-s) + \dots + (-1)^{i-k} \binom{s}{i-k} (j-j'+m+i-1) \dots (j-j'+m+k) \\
 & \times (j+j'-m-s) \dots (j+j'-m-s-k+2) \binom{2j'-s}{k-1} + \dots \left. \right] \\
 & (k=1, 2, \dots, i),
 \end{aligned}$$

$$\begin{aligned}
& \frac{1}{s!} \sqrt{\frac{(i-1)!}{(2j'-s)!} (j+j'+m-s) \cdots (j-j'+m+i) (j+j'-m-s) \cdots} \\
& \times \frac{1}{(i-s-1)!} (j-j'+m+i-1) \cdots (j-j'+m+i-s) \\
& - \frac{s}{(i-s)!} (j-j'+m+i-1) \cdots (j-j'+m+i-s+1) (j+j'-m-i+1) \\
& \times (2j'-i+1) + \frac{\binom{s}{2}}{(i-s+1)!} (j-j'+m+i-1) \cdots (j-j'+m+i-s+2) \\
& \times (j+j'-m-i+1) (j+j'-m-i) (2j'-i+1) (2j'-i) \cdots \\
& \cdots + (-1)^{k-1} \frac{\binom{s}{k-1}}{(i-s+k-2)!} (j-j'+m+i-1) \cdots (j-j'+m+i-s+k-1) \\
& \times (j+j'-m-i+1) \cdots (j+j'-m-i-k+3) (2j'-i+1) \cdots \\
& \cdots (2j'-i-k+3) + \cdots \Big] \quad (k=1, 2, \dots, s+1),
\end{aligned}$$

$$\begin{aligned}
& \frac{1}{s!} \sqrt{\frac{(i-1)!}{(2j'-s)!} (j-j'+m+i-1) \cdots (j+j'+m-s+1) (j+j'-m-s) \cdots} \\
& \cdots (j+j'-m-i+2) (2j'-s) \cdots (2j'-i+2) \\
& \times \frac{1}{(i-s-1)!} (j+j'+m-s) \cdots (j-j'+m+i-s) \\
& - \frac{s}{(i-s)!} \times (j+j'+m-s) \cdots (j-j'+m+i-s+1) (j+j'-m-i+1) \\
& \times (2j'-i+1) + \cdots + (-1)^{k-1} \frac{\binom{s}{k-1}}{(i-s+k-2)!} (j+j'+m-s) \cdots \\
& \cdots (j-j'+m+s+k-1) (j+j'-m-i+1) \cdots (j+j'-m-i-k+3) \\
& \times (2j'-i+1) \cdots (2j'-i-k+3) + \cdots + (-1)^{2j'-i+1} \frac{\binom{s}{2j'-i+1}}{(2j'-s)!} \\
& \times (j+j'-m-i+1) \cdots (j-j'-m+1) (2j'-i+1) \Big] \\
& \quad (k=1, 2, \dots, 2j'-i+2).
\end{aligned}$$

If $s > j'$,

$i \leq 2j' - s$; the expression in this case is equal to previous one for the case $i \leq s$ and $k = 1, 2, \dots, i$.

$$s \geq i \geq 2j' - s + 1$$

$$\begin{aligned} & \frac{1}{s!} \sqrt{\frac{(i-1)!}{(2j'-s)!}} (j-j'+m+i-1) \cdots (j+j'+m-s+1) (j+j'-m-i+1) \cdots \\ & \cdots (j+j'-m-s+1) (2j'-i+1) \cdots (2j'-s+1) \\ & \times \left[(-1)^{i-1} \binom{s}{i-1} (j+j'+m-s) \cdots (j-j'+m+1) + (-1)^{i-2} \right. \\ & \times \binom{s}{i-2} (j+j'+m-s) \cdots (j-j'+m+2) (j+j'-m-s) (2j'-s) \\ & + \cdots + (-1)^{i-k} \binom{s}{i-k} (j+j'+m-s) \cdots (j-j'+m+k) (j+j'-m-s) \cdots \\ & \cdots (j+j'-m-s-k+2) \binom{2j'-s}{k-1} + \cdots \left. \right] \quad (k=1, 2, \dots, 2j'-s+1), \end{aligned}$$

$i \geq s+1$; the expression is equal to previous one for the case $i \geq 2j' - s + 1$ and also $k = 1, 2, \dots, 2j' - s + 2$.

In these general formulas, a product $a \cdots b$ means $a!/(b-1)!$. Therefore, if $b = a+1$, this is equal to 1. The denominator and the numerator have a common factor $\{s! (2j'-s)!\}^{1/2}$, which is useful for numerical estimation because it is convenient to make the denominator and the numerator irreducible as much as we can. Of course, we can derive Wigner's formula from these expressions.

Besides, it can be shown explicitly that

$$\begin{aligned} C(j, j', j+j'-s; i-j'-m-1, j'-i+1, -m) \\ = (-1)^s C(j, j', j+j'-s; j'+m-i+1, i-j'-1, m), \end{aligned}$$

so it will be enough to give the table of the C-G coefficients corresponding to m positive and zero. This fact must be taken into account for the tables in the last section.

§4. Special formulas

Now, in general formulas, we regard j, j', m and s as variables and i as parameter, and by giving special values or relations to these variables we examine the form of the C-G coefficients which we often encounter in physics.

i) C-G coefficients of the lowest total spin state, i.e., $J=j-j'$

The C-G coefficient $C(j, j', j-j'; -j'+m+i-1, j'-i+1, m)$ can be

derived from the general formulas by setting $s=2j'$, thus:

Denominator

$$\sqrt{\binom{2j+1}{2j}},$$

numerator

$$(-1)^{2j'+i-1} \sqrt{\binom{j+j'-m-i+1}{2j'-i+1} \binom{j-j'+m+i-1}{i-1}} \\ (i=1, 2, \dots, 2j'+1).$$

ii) C-G coefficients with the highest total third component, i.e., $m=J$

Put $m=j+j'-s$ in general formulas, then we get the C-G coefficients $C(j, j', j+j'-s; j-s+i-1, j'-i+1, j+j'-s)$:

$$(-1)^{s+i-1} \sqrt{\frac{\binom{2j'-i+1}{s-i+1} \binom{2j-s+i-1}{i-1}}{\binom{2j+2j'-s+1}{s}}} \quad (i=1, 2, \dots, s+1).$$

iii) C-G coefficients in case of $j=j'$

In this case the C-G coefficient has following symmetrical property:

$$C(j, j, 2j-s; m-j+i-1, j-i+1, m)$$

$$= (-1)^s C(j, j, 2j-s; m+j-i+1, i-j-1, m).$$

The general formulas become as follows:

$$s=0$$

$$\sqrt{\frac{\binom{2j}{2j-m-i+1} \binom{2j}{i-1}}{\binom{4j}{2j-m}}} \quad (i=1, 2, \dots, 2j-m+1),$$

$$s \neq 0$$

denominator

$$\sqrt{\binom{4j-s+1}{s} \binom{4j-2s}{2j-s}},$$

numerators

$$s \leq j'$$

$$i \leq s$$

$$(-1)^s \frac{1}{s!} \sqrt{\frac{(i-1)!}{(2j-s)!} (2j-m-s) \cdots (m+i) (2j-m-i+1) \cdots} \\ \cdots (2j-m-s+1) (2j-i+1) \cdots (2j-s+1)$$

$$\begin{aligned}
& \times \left[\sum_{k=1}^i (-1)^{i-k} \binom{s}{i-k} (m+i-1) \cdots (m+k) (2j-m-s) \cdots \right. \\
& \cdots (2j-m-s-k+2) \binom{2j-s}{k-1} \left. \right], \\
& 2j-s \geq i \geq s+1 \\
& \frac{1}{s!} \sqrt{\frac{(i-1)!}{(2j-i+1)!}} (2j+m-s) \cdots (m+i) (2j-m-s) \cdots (2j-m-i+2) \\
& \times \left[\sum_{k=1}^{s+1} (-1)^{k-1} \frac{\binom{s}{k-1}}{(i-s+k-2)!} (m+i-1) \cdots (m+i-s+k-1) \right. \\
& \times (2j-m-i+1) \cdots (2j-m-i-k+3) (2j- +) \cdots (2j-i-k+3) \left. \right], \\
& i \geq 2j-s+1 \\
& \frac{1}{s!} \sqrt{\frac{(i-1)!}{(2j-i+1)!}} (m+i-1) \cdots (2j+m-s+1) (2j-m-s) \cdots \\
& \cdots (2j-m-i+2) \\
& \times \left[\sum_{k=1}^{2j-i+2} (-1)^{k-1} \frac{\binom{s}{k-1}}{(i-s+k-2)!} (2j+m-s) \cdots (m+i-s+k-1) \right. \\
& \times (2j-m-i+1) \cdots (2j-m-i-k+3) (2j-i+1) \cdots (2j-i-k+3) \left. \right].
\end{aligned}$$

If $s > j$, the expressions in case of $i \leq 2j-s$ and $i \geq s+1$ are identical with the foregoing ones for the case of $i \leq s$ and $i \geq 2j-s+1$, respectively. For $s \geq i \geq 2j-s+1$,

$$\begin{aligned}
& \frac{1}{s!} \sqrt{\frac{(i-1)!}{(2j-s)!}} (m+i-1) \cdots (2j+m-s+1) (2j-m-i+1) \cdots \\
& \cdots (2j-m-s+1) (2j-i+1) \cdots (2j-s+1) \\
& \times \left[\sum_{k=1}^{2j-s+1} (-1)^{i-k} \binom{s}{i-k} (2j+m-s) \cdots (m+k) (2j-m-s) \cdots \right. \\
& \cdots (2j-m-s-k+2) \binom{2j-s}{k-1} \left. \right].
\end{aligned}$$

In particular, if m vanishes, the C-G coefficients $C(j, j, 2j-s; i-j-1, j-i+1, 0)$ become as follows:

For $s=0$,

$$\frac{\binom{2j}{i-1}}{\sqrt{\binom{4j}{2j}}} \quad (i=1, 2, \dots, 2j+1).$$

For $s \neq 0$,

denominator

$$\sqrt{\binom{4j-s+1}{s} \binom{4j-2s}{2j-s}},$$

numerators; if $s \leq j$

$$i \leq s \quad (-1)^{s+i} \sum_{k=1}^i (-1)^k \binom{i-1}{k-1} \binom{2j-s}{k-1} \binom{2j-i+1}{s-i+k},$$

$$2j-s \geq i \geq s+1 \quad \sum_{k=1}^{s+1} (-1)^{k-1} \binom{i-1}{s-k+1} \binom{2j-s}{i-s+k-2} \binom{2j-i+1}{k-1},$$

$$i \geq 2j-s+1 \quad \sum_{k=1}^{2j-i+2} (-1)^{k-1} \binom{i-1}{s-k+1} \binom{2j-s}{2j-i-k+2} \binom{2j-i+1}{k-1},$$

while if $s > j$;

$$i \leq 2j-s \quad (\text{the same as the above in case of } i \leq s),$$

$$s \geq i \geq 2j-s+1 \quad \sum_{k=1}^{2j-s+1} (-1)^{i-k} \binom{i-1}{k-1} \binom{2j-s}{k-1} \binom{2j-i+1}{2j-s-k+1},$$

$$i \geq s+1 \quad (\text{the same as the above in case of } i \geq 2j-s+1).$$

Moreover, when we put total spin $J=0$ the C-G coefficients $C(j, j, 0; i-j-1, j-i+1, 0)$ are obtained:

$$\frac{(-1)^{2j+i-1}}{\sqrt{2j+1}} \quad (i=1, 2, \dots, 2j+1).$$

§5. Algebraic Tables of C-G coefficients

For the convenience of computing the C-G coefficients, we make algebraic tables by fixing one variable. For this purpose there are two ways; one is to fix the value of m as a function of j and j' , and the other is to give j' a numerical value. This time, we consider s as a parameter, so the C-G coefficients can be written in the matrix form having subscripts s (column) and i (row). Therefore we will write the following tables in such a form. The former tables are helpful for computing the C-G coefficients of high m -value larger than $j-j'$, because they are more simplified than the latter as will be stated in the remarks about the latter ones. Concerning the latter ones we estimate them for $j'=7/2 \sim 5$.

i) Fixing the m -value

If $|m|=j+j'$, the only one C-G coefficient $C(j, j', j+j'; j, j', j+j')$ is different from zero and inevitably becomes 1. For some lower m -values, the C-G coefficients are as follows:

$|m| = j + j' - 1$; (in the following tables for $m \geq 0$ we read the spin state by left column and upper row, while for $m < 0$ by right column and under row),

$m \geq 0$	Denominator	$(j, j-1)(j', j')$	$(j, j)(j', j'-1)$	$(j, j)(j', -j'+2)$	$(j+j', -j-j'+1)$
$(j+j', j+j'-1)$	$\sqrt{2j+2j'}$	$\sqrt{2j}$	$\sqrt{2j'}$	$\sqrt{\binom{2j}{2}}$	$(j+j', -j-j'+2)$
$(j+j'-1, j+j'-1)$	$\sqrt{2j+2j'}$	$-\sqrt{2j'}$	$\sqrt{2j}$	$\sqrt{2\cdot 2j(2j'-1)}$	$-(j+j'-1, -j-j'+1)$
	Denominator	$(j, -j+1)(j', -j')$	$(j, -j)(j', -j'+1)$		$-(j+j'-1, -j-j'+1)$
					$-(j+j'-1, -j-j'+2)$
$ m = j + j' - 2$	Denominator	$(j, j-2)(j', j')$	$(j, j-1)(j', j'-1)$	$(j, j)(j', j'-2)$	$(j+j', -j-j'+2)$
$(j+j', j+j'-2)$	$\sqrt{\binom{2j+2j'}{2}}$	$\sqrt{\binom{2j}{2}}$	$\sqrt{2j\cdot 2j'}$	$\sqrt{\binom{2j'}{2}}$	$(j+j', -j-j'+2)$
$(j+j'-1, j+j'-2)$	$\sqrt{(2j+2j')(2j+2j'-2)}$	$-\sqrt{2\cdot (2j-1)2j'}$	$2j-2j'$	$\sqrt{2\cdot 2j(2j'-1)}$	$-(j+j'-1, -j-j'+2)$
$(j+j'-2, j+j'-2)$	$\sqrt{\binom{2j+2j'-1}{2}}$	$\sqrt{\binom{2j}{2}}$	$-\sqrt{(2j-1)(2j'-1)}$	$\sqrt{\binom{2j}{2}}$	$(j+j'-2, -j-j'+2)$
	Denominator	$(j, -j+2)(j', -j')$	$(j, -j+1)(j', -j'+1)$	$(j, -j)(j', -j'+2)$	$m < 0$
$ m = j + j' - 3$	Denominator	$(j, j-3)(j', j')$	$(j, j-2)(j', j'-1)$	$(j, j-1)(j', j'-2)$	$(j, j)(j', j'-3)$
$(j+j', j+j'-3)$	$\sqrt{\binom{2j+2j'}{3}}$	$\sqrt{\binom{2j}{3}}$	$\sqrt{2j\binom{2j'}{2}}$	$\sqrt{\binom{2j}{3}}$	$(j+j', -j-j'+3)$
$(j+j'-1, j+j'-3)$	$\sqrt{(2j+2j')\binom{2j+2j'-2}{2}}$	$-\sqrt{3\cdot \binom{2j-1}{2}\cdot 2j'}$	$(2j-4j')\sqrt{\frac{1}{2}(2j-1)}$	$(4j-2j')\sqrt{\frac{1}{2}(2j'-1)}$	$-(j+j'-1, j+j'+3)$
$(j+j'-2, j+j'-3)$	$\sqrt{\binom{2j+2j'-1}{2}}(2j+2j'-4)$	$\sqrt{3(2j-2)\binom{2j'}{2}}$	$-(4j-2j'-2)\sqrt{\frac{1}{2}(2j'-1)}(2j-4j'+2)\sqrt{\frac{1}{2}(2j-1)}$	$\sqrt{3\cdot \binom{2j}{2}(2j'-2)}$	$(j+j'-2, j+j'+3)$
$(j+j'-3, j+j'-3)$	$\sqrt{\binom{2j+2j'-2}{3}}$	$-\sqrt{\binom{2j}{3}}$	$-\sqrt{\binom{2j-1}{2}\binom{2j'-1}{2}}$	$-\sqrt{\binom{2j-1}{2}(2j'-2)}$	$-(j+j'-3, j+j'+3)$
	Denominator	$(j, -j+3)(j', -j')$	$(j, -j+2)(j', -j'+1)$	$(j, -j+1)(j', -j'+2)$	$(j, -j)(j', -j'+3)$

$|m|=j+j'-r$ ($r=0, 1, \dots, 2j+2j'$, $r \geq s$); the C-G coefficients $C(j, j', j+j'-s; j-r+i-1, j'-i+1, j+j'-r)$ are given as follows:

For $s=0$,

$$\sqrt{\frac{\binom{2j}{r-i+1} \binom{2j'}{i-1}}{\binom{2j+2j'}{r}}} \quad (i=1, 2, \dots, r+1).$$

For $s \neq 0$,

denominator

$$\sqrt{\binom{2j+2j'-s+1}{s} \binom{2j+2j'-2s}{r-s}},$$

numerators; if $s \leq r/2$

$i \leq s$

$$\begin{aligned} & (-1)^s \frac{1}{s!} \sqrt{\frac{(i-1)!}{(r-s)!} (2j-s) \cdots (2j-r+i) (2j'-i+1) \cdots} \\ & \cdots (2j'-s+1) (r-i+1) \cdots (r-s+1) \\ & \times \left[\sum_{k=1}^i (-1)^{i-k} \binom{s}{i-k} (2j-r+i-1) \cdots (2j-r+k) \right. \\ & \left. \times (r-s) \cdots (r-s-k+2) \binom{2j'-s}{k-1} \right], \end{aligned}$$

$r-s+1 \geq i \geq s+1$

$$\begin{aligned} & \frac{1}{s!} \sqrt{\frac{(i-1)!}{(r-i+1)!} (2j-s) \cdots (2j-r+i) (2j'-s) \cdots (2j'-i+2)} \\ & \times \left[\sum_{k=1}^{s+1} (-1)^{k-1} \frac{\binom{s}{k-1}}{(i-s+k-2)!} (2j-r+i-1) \cdots (2j-r-s+k+i-1) \right. \\ & \left. \times (r-i+1) \cdots (r-i-k+3) (2j'-i+1) \cdots (2j'-i-k+3) \right], \end{aligned}$$

$i \geq r-s+2$

$$\begin{aligned} & \frac{1}{s!} \sqrt{\frac{(i-1)!}{(r-i+1)!} (2j-r+i-1) \cdots (2j-s+1) (2j'-s) \cdots (2j'-i+2)} \\ & \times \left[\sum_{k=1}^{r-i+2} (-1)^{k-1} \frac{\binom{s}{k-1}}{(i-s+k-2)!} (2j-s) \cdots (2j-s-r+i+k-1) \right. \\ & \left. \times (r-i+1) \cdots (r-i-k+3) (2j'-i+1) \cdots (2j'-i-r+3) \right]. \end{aligned}$$

If $s > r/2$, the expressions for $i \leq r-s+1$ and $i \geq s+1$ are identical with above-mentioned one in case of $i \leq s$ and $i \geq r-s+2$, respectively. Whereas for $s \geq i \geq r-s+2$,

Table 1. $c(j, \frac{7}{2}, j + \frac{7}{2}, -s; m + i - \frac{9}{2}, \frac{9}{2} - i, m)$

Denominator	$(j, m - \frac{7}{2})(\frac{7}{2}, \frac{7}{2})$	$(j, m - \frac{5}{2})(\frac{7}{2}, \frac{5}{2})$	$(j, m - \frac{3}{2})(\frac{7}{2}, \frac{3}{2})$	$(j, m - \frac{1}{2})(\frac{7}{2}, \frac{1}{2})$	$(j, -m - \frac{1}{2})(\frac{7}{2}, \frac{1}{2})$
$(j + \frac{7}{2}, m)$	$\sqrt{(\frac{2}{7}, \frac{7}{2})}$	$\sqrt{(\frac{2}{7}, \frac{7}{2})}$	$\sqrt{(\frac{2}{7}, \frac{7}{2})}$	$\sqrt{(\frac{2}{7}, \frac{7}{2})}$	$\sqrt{(\frac{2}{7}, \frac{7}{2})}$
$(j + \frac{5}{2}, m)$	$\sqrt{(\frac{2}{5}, \frac{7}{2})(\frac{2}{7}, \frac{5}{2})}$	$-\sqrt{7(j, \frac{6}{5})(j - \frac{m}{2})}$	$-\sqrt{\frac{1}{10}(j + \frac{m}{5})(j - \frac{m}{2})}$	$-\sqrt{\frac{1}{10}(j + \frac{m}{5})(j - \frac{m}{2})}$	$-\sqrt{\frac{1}{10}(j + \frac{m}{5})(j - \frac{m}{2})}$
$(j + \frac{3}{2}, m)$	$\sqrt{(\frac{2}{3}, \frac{6}{5})(\frac{2}{5}, \frac{3}{2})}$	$\sqrt{\frac{3}{10}(j + \frac{m}{4})(j - \frac{m}{2})}$	$\sqrt{\frac{1}{10}(j + \frac{m}{3})(j - \frac{m}{2})}$	$\sqrt{\frac{1}{10}(j + \frac{m}{3})(j - \frac{m}{2})}$	$\sqrt{\frac{1}{10}(j + \frac{m}{3})(j - \frac{m}{2})}$
$(j + \frac{1}{2}, m)$	$\sqrt{(\frac{2}{1}, \frac{5}{2})(\frac{2}{4}, \frac{1}{2})}$	$-\sqrt{35(j + \frac{m}{4})(j - \frac{m}{2})}$	$-\sqrt{\frac{5}{6}(j + \frac{m}{3})(j - \frac{m}{2})}$	$-\sqrt{\frac{5}{6}(j + \frac{m}{3})(j - \frac{m}{2})}$	$-\sqrt{\frac{5}{6}(j + \frac{m}{3})(j - \frac{m}{2})}$
$(j - \frac{1}{2}, m)$	$\sqrt{(\frac{2}{5}, \frac{3}{2})(\frac{2}{3}, \frac{1}{2})}$	$\sqrt{2(j + \frac{m}{3})(j - \frac{m}{2})}$	$\sqrt{\frac{5}{6}(j + \frac{m}{2})(j - \frac{m}{2})}$	$\sqrt{\frac{5}{6}(j + \frac{m}{2})(j - \frac{m}{2})}$	$\sqrt{\frac{5}{6}(j + \frac{m}{2})(j - \frac{m}{2})}$
$(j - \frac{3}{2}, m)$	$\sqrt{(\frac{2}{3}, \frac{1}{2})(\frac{2}{1}, \frac{1}{2})}$	$-\sqrt{2(j + \frac{m}{2})(j - \frac{m}{2})}$	$-\sqrt{\frac{5}{3}(j + \frac{m}{1})(j - \frac{m}{2})}$	$-\sqrt{\frac{5}{3}(j + \frac{m}{1})(j - \frac{m}{2})}$	$-\sqrt{\frac{5}{3}(j + \frac{m}{1})(j - \frac{m}{2})}$
$(j - \frac{5}{2}, m)$	$\sqrt{(\frac{2}{5}, \frac{1}{2})(\frac{2}{1}, \frac{1}{2})}$	$-\sqrt{3(j + \frac{m}{1})(j - \frac{m}{2})}$	$-\sqrt{\frac{1}{2}(j + \frac{m}{1})(j - \frac{m}{2})}$	$-\sqrt{\frac{1}{2}(j + \frac{m}{1})(j - \frac{m}{2})}$	$-\sqrt{\frac{1}{2}(j + \frac{m}{1})(j - \frac{m}{2})}$
$(j - \frac{7}{2}, m)$	$\sqrt{(\frac{2}{7}, \frac{1}{2})(\frac{2}{1}, \frac{1}{2})}$	$-\sqrt{7(j + \frac{m}{1})(j - \frac{m}{2})}$	$-\sqrt{\frac{1}{10}(j + \frac{m}{1})(j - \frac{m}{2})}$	$-\sqrt{\frac{1}{10}(j + \frac{m}{1})(j - \frac{m}{2})}$	$-\sqrt{\frac{1}{10}(j + \frac{m}{1})(j - \frac{m}{2})}$

Table 1. $c(j, \frac{7}{2}; j + \frac{7}{2} - s; m+i - \frac{9}{2}, -\frac{9}{2} - i, m)$

$\frac{3}{2}$	$(j, m - \frac{1}{2})(\frac{7}{2}, \frac{1}{2})$	$(j, m + \frac{1}{2})(\frac{7}{2}, -\frac{1}{2})$	$(j, m + \frac{3}{2})(\frac{7}{2}, -\frac{3}{2})$	$(j, m + \frac{5}{2})(\frac{7}{2}, -\frac{5}{2})$	$(j, m + \frac{7}{2})(\frac{7}{2}, -\frac{7}{2})$
-	$\sqrt{(j + m + \frac{7}{4})(j - m + \frac{7}{2})}$	$\sqrt{(j + m + \frac{7}{3})(j - m + \frac{7}{2})}$	$\sqrt{(j + m + \frac{7}{2})(j - m + \frac{7}{2})}$	$\sqrt{(j + m + \frac{7}{1})(j - m + \frac{7}{2})}$	$\sqrt{(j + \frac{7}{2})(j - m + \frac{7}{2})}$
-	$-\sqrt{\frac{1}{3}(j + m + \frac{5}{2})(j - m + \frac{5}{2})}$	$\sqrt{\frac{1}{3}(j + m + \frac{5}{2})(j - m + \frac{5}{2})}$	$\sqrt{\frac{1}{3}(j + m + \frac{5}{2})(j - m + \frac{5}{2})}$	$\sqrt{\frac{1}{6}(j - m + \frac{5}{2})(j - m + \frac{5}{2})}$	$-(j + \frac{5}{2}, -m)$
-	$\cdot \frac{1}{2}[j - 7m + \frac{7}{2}]$	$\cdot \frac{1}{2}[j + 7m + \frac{7}{2}]$	$\cdot \frac{1}{2}[j + 7m + \frac{21}{2}]$	$\cdot [3j + 7m + \frac{35}{2}]$	$(j + \frac{3}{2}, -m)$
-	$\sqrt{\frac{1}{2}(j + m + \frac{3}{2})(j - m + \frac{3}{2})}$	$\sqrt{\frac{1}{2}(j + m + \frac{3}{2})(j - m + \frac{3}{2})}$	$\sqrt{\frac{1}{10}(j - m + \frac{3}{2})}$	$\sqrt{\frac{3}{10}(j + m + \frac{5}{2})(j - m + \frac{3}{2})}$	$\sqrt{21(j + m + \frac{7}{2})(j - m + \frac{3}{2})}$
-	$\cdot [(j + m - \frac{1}{2}) - 2(j + m - \frac{1}{2})(j - m - \frac{1}{2})$	$\cdot [2(j + m - \frac{1}{2}) - 2(j + m + \frac{1}{2})(j - m - \frac{1}{2})$	$\cdot [10(j + m - \frac{3}{2}) - 5(j + m + \frac{3}{2})(j - m - \frac{3}{2})$	$\cdot [3j + 7m + \frac{25}{2}]$	
-	$+ 2(j - m + \frac{1}{2})]$	$+ (j - m - \frac{1}{2})]$	$+ (j - m - \frac{3}{2})]$	$+ (j - m - \frac{3}{2})]$	
-	$\sqrt{(j + m + \frac{1}{2})}$	$\sqrt{(j + m + \frac{1}{2})}$	$\sqrt{\frac{5}{2}(j + m + \frac{3}{2})(j - m + \frac{1}{2})}$	$\sqrt{\frac{5}{3}(j + m + \frac{5}{2})(j - m + \frac{1}{2})}$	$\sqrt{35(j + m + \frac{7}{2})(j - m + \frac{1}{2})}$
-	$\cdot \frac{1}{2}[(j + m - \frac{1}{2}) - 4(j + m - \frac{1}{2})(j - m - \frac{1}{2})$	$\cdot \frac{1}{2}[(j + m - \frac{1}{2}) - 6(j + m + \frac{1}{2})(j - m - \frac{1}{2})$	$\cdot [2(j + m + \frac{1}{2}) - 2(j + m + \frac{1}{2})(j - m - \frac{3}{2})$	$\cdot \frac{1}{2}[j + 7m + \frac{19}{2}]$	$-(j + \frac{1}{2}, -m)$
-	$+ 6(j - m - \frac{1}{2})(j - m + \frac{1}{2}) - 4(j - m + \frac{1}{2})]$	$+ 4(j + m + \frac{1}{2})(j - m - \frac{1}{2}) - (j - m - \frac{1}{2})]$	$+ (j - m - \frac{3}{2})]$	$+ (j - m - \frac{3}{2})]$	
-	$\sqrt{(j - m + \frac{1}{2})}$	$\sqrt{(j + m + \frac{1}{2})}$	$\sqrt{\frac{5}{6}(j + m + \frac{3}{2})(j - m + \frac{1}{2})}$	$\sqrt{\frac{5}{3}(j + m + \frac{5}{2})(j - m + \frac{1}{2})}$	$\sqrt{35(j + m + \frac{7}{2})(j - m + \frac{1}{2})}$
-	$\cdot \frac{1}{2}[-4(j + m - \frac{1}{2}) + 6(j + m - \frac{1}{2})(j - m - \frac{1}{2})$	$\cdot \frac{1}{2}[(j + m - \frac{1}{2}) - 4(j + m - \frac{1}{2})(j - m - \frac{1}{2})$	$\cdot [2(j + m - \frac{1}{2}) - 2(j + m - \frac{1}{2})(j - m - \frac{3}{2})$	$\cdot \frac{1}{2}[j - 7m - \frac{17}{2}]$	$(j - \frac{1}{2}, -m)$
-	$- 4(j - m - \frac{1}{2})(j - m - \frac{1}{2}) + (j - m - \frac{1}{2})]$	$+ 6(j + m - \frac{1}{2})(j - m - \frac{1}{2}) - 4(j - m - \frac{1}{2})]$	$+ 2(j - m - \frac{3}{2})]$	$+ 2(j - m - \frac{3}{2})]$	
-	$\sqrt{\frac{1}{2}(j + m - \frac{1}{2})(j - m + \frac{1}{2})}$	$\sqrt{\frac{1}{2}(j + m + \frac{1}{2})(j - m - \frac{1}{2})}$	$\sqrt{\frac{1}{10}(j + m + \frac{3}{2})}$	$\sqrt{\frac{3}{10}(j + m + \frac{5}{2})(j - m - \frac{3}{2})}$	$\sqrt{35(j + m + \frac{7}{2})(j - m - \frac{3}{2})}$
-	$\cdot [2(j + m - \frac{3}{2}) - 2(j + m - \frac{3}{2})(j - m - \frac{3}{2})$	$\cdot [- (j + m - \frac{3}{2}) + 2(j + m - \frac{3}{2})(j - m - \frac{3}{2})$	$\cdot [(j + m - \frac{3}{2}) - 5(j + m - \frac{3}{2})(j - m - \frac{3}{2})$	$\cdot [3j - 7m - \frac{19}{2}]$	$-(j - \frac{3}{2}, -m)$
-	$- (\frac{3}{2})(j - m - \frac{3}{2})$	$+ (j - m - \frac{3}{2})]$	$- 2(j - m - \frac{3}{2})]$	$+ 10(j - m - \frac{3}{2})]$	
-	$-\sqrt{\frac{1}{3}(j + m - \frac{1}{2})(j - m + \frac{1}{2})}$	$-\sqrt{\frac{1}{3}(j + m + \frac{1}{2})(j - m - \frac{1}{2})}$	$-\sqrt{\frac{1}{10}(j + m + \frac{3}{2})(j - m - \frac{3}{2})}$	$-\sqrt{\frac{1}{6}(j + m + \frac{5}{2})(j - m - \frac{5}{2})}$	$(j - \frac{5}{2}, -m)$
-	$\cdot \frac{1}{2}[j + 7m - \frac{5}{2}]$	$\cdot \frac{1}{2}[j - 7m - \frac{5}{2}]$	$\cdot [3j - 7m - \frac{15}{2}]$	$\cdot [5j - 7m - \frac{25}{2}]$	$-(j - \frac{7}{2}, -m)$
-	$\sqrt{(j + m - \frac{1}{2})(j - m + \frac{1}{2})}$	$-\sqrt{(j + m - \frac{1}{2})(j - m + \frac{1}{2})}$	$\sqrt{\frac{1}{5}(j + m + \frac{3}{2})(j - m - \frac{5}{2})}$	$\sqrt{\frac{1}{7}(j + m + \frac{7}{2})(j - m - \frac{5}{2})}$	$(j, -m - \frac{7}{2})(\frac{7}{2}, \frac{5}{2})$
-	$(j, -m - \frac{1}{2})(\frac{7}{2}, -\frac{1}{2})$	$(j, -m - \frac{1}{2})(\frac{7}{2}, \frac{3}{2})$	$(j, -m - \frac{1}{2})(\frac{7}{2}, \frac{7}{2})$	$(j, -m - \frac{1}{2})(\frac{7}{2}, \frac{5}{2})$	

Table 2. $C(j, 4, j \div 4 - s; m + i - 5, 5 - i, m)$

	Denominator	$(j, m-4)(4, 4)$	$(j, m-3)(4, 3)$	$(j, m-2)(4, 2)$	$(j, m-1)(4, 1)$	$(j, m)(4, 0)$
$(j \div 4, m)$	$\sqrt{\binom{2j+8}{8}}$	$\sqrt{\binom{j+m+4}{8}}$	$\sqrt{\binom{j+m+4}{7}\binom{j-m+4}{1}}$	$\sqrt{\binom{j+m+4}{6}\binom{j-m+4}{2}}$	$\sqrt{\binom{j+m+4}{5}\binom{j-m+4}{3}}$	$\sqrt{\binom{j+m+4}{4}\binom{j-m+4}{4}}$
$(j+3, m)$	$\sqrt{\binom{2j+8}{1}\binom{2j+6}{7}}$	$-2\sqrt{\binom{j+m+3}{2}\binom{j-m+4}{1}}$	$-\sqrt{\frac{1}{7}\binom{j+m+3}{6}}$ • $2[3j-4m+12]$	$-\sqrt{\frac{1}{3}\binom{j+m+3}{5}\binom{j-m+3}{1}}$ • $2[3j-2m+4]$	$-\sqrt{\frac{1}{15}\binom{j+m+3}{4}\binom{j-m+3}{2}}$ • $2[j-4m+41]$	$\sqrt{\binom{j+m+3}{3}\binom{j-m+3}{3}}$ • $2m$
$(j+2, m)$	$\sqrt{\binom{2j+7}{2}\binom{2j+4}{6}}$	$2\sqrt{\frac{7}{1}\binom{j+m+2}{6}\binom{j-m+4}{2}}$	$\sqrt{\frac{7}{6}\binom{j+m+2}{5}\binom{j-m+3}{1}}$ • $[2j-4m+9]$	$\sqrt{\frac{1}{15}\binom{j+m+2}{4}\binom{j-m+2}{1}}$ • $[(j+m-2)\cdot 6(j+m-2)(j-m+2)]$ + $15(j-m+2)$	$\sqrt{\frac{1}{30}\binom{j+m+2}{3}\binom{j-m+2}{1}}$ • $\frac{1}{2}[6(j+m-1)-15(j+m-1)(j-m+1)]$ + $20(j-m+1)$	$\sqrt{\binom{j+m+2}{2}\binom{j-m+2}{2}}$ • $\frac{1}{2}[3(j+m)-4(j+m)(j-m)$ + $3(j-m)]$
$(j+1, m)$	$\sqrt{\binom{2j+6}{3}\binom{2j+2}{5}}$	$-2\sqrt{14\binom{j+m+1}{5}\binom{j-m+4}{3}}$	$-\sqrt{\frac{7}{15}\binom{j+m+1}{4}\binom{j-m+3}{2}}$ • $2[j-4m+7]$	$\sqrt{\frac{1}{15}\binom{j+m+1}{3}\binom{j-m+2}{1}}$ • $\frac{1}{2}[-6(j+m-2)+15(j+m-1)(j-m+1)]$ - $20(j-m+1)$	$\sqrt{\frac{1}{10}\binom{j+m+1}{2}\binom{j-m+1}{1}}$ • $[(j+m-1)-5(j+m-1)(j-m+1)]$ + $10(j+m-1)(j-m+1)$ + $10(j+m-1)(j-m+1)$	$\sqrt{\binom{j+m+1}{1}\binom{j-m+1}{1}}$ • $[\frac{1}{2}(j+m-2)(j+m)(j-m)$ + $2(j+m)(j-m)-(j-m)]$
(j, m)	$\sqrt{\binom{2j+5}{4}\binom{2j}{4}}$	$\sqrt{70\binom{j+m}{4}\binom{j-m+4}{4}}$	$\sqrt{35\binom{j+m}{3}\binom{j-m+3}{3}}$ • $[-m+\frac{3}{2}]$	$\sqrt{\frac{5}{2}\binom{j+m}{2}\binom{j-m+2}{2}}$ • $\frac{1}{2}[3(j+m-2)-4(j+m-1)(j-m)$ + $3(j-m)]$	$\sqrt{5\binom{j+m}{1}\binom{j-m+1}{1}}$ • $\frac{1}{2}[-(j+m-1)+2(j+m-1)(j-m)$ - $2(j+m-1)(j-m)+(j-m)]$	$\sqrt{5}\binom{j+m}{4}-4\binom{j+m}{3}\binom{j-m}{1}$ + $6\binom{j+m}{2}\binom{j-m}{2}-4\binom{j+m}{1}\binom{j-m}{3}$ + $\binom{j-m}{4}$
$(j-1, m)$	$\sqrt{\binom{2j+4}{5}\binom{2j-2}{3}}$	$-2\sqrt{14\binom{j+m-1}{3}\binom{j-m+4}{5}}$	$\sqrt{\frac{7}{15}\binom{j+m-1}{2}\binom{j-m+3}{4}}$ • $2[j+4m-6]$	$\sqrt{\frac{1}{15}\binom{j+m-1}{1}\binom{j-m+2}{3}}$ • $\frac{1}{2}[-20(j+m-2)+15(j+m-1)(j-m-1)]$ - $6(j-m-1)$	$\sqrt{\frac{1}{10}\binom{j+m-1}{2}}$ • $[\frac{1}{10}(j+m-1)-10(j+m-1)(j-m-1)]$ + $5(j+m-1)(j-m-1)-(j-m-1)$	$\sqrt{\binom{j+m}{1}\binom{j-m}{1}}$ • $[-(j+m-1)+2(j+m-1)(j-m-1)$ - $2(j+m-1)(j-m)+(j-m-1)]$
$(j-2, m)$	$\sqrt{\binom{2j+3}{6}\binom{2j-4}{2}}$	$2\sqrt{7\binom{j+m-2}{2}\binom{j-m+4}{6}}$	$-\sqrt{\frac{7}{6}\binom{j+m-2}{1}\binom{j-m+3}{5}}$ • $[2j+4m-7]$	$\sqrt{\frac{1}{15}\binom{j+m+2}{4}\binom{j-m+2}{1}}$ • $[15(j+m-2)-6(j+m-2)(j-m-2)]$ + $[(j-m-2)]$	$\sqrt{\frac{1}{30}\binom{j+m-1}{1}\binom{j-m+1}{3}}$ • $[\frac{1}{2}[-20(j+m-2)+15(j+m-1)(j-m-2)]$ - $6(j-m-2)]$	$\sqrt{\binom{j+m}{2}\binom{j-m}{2}}$ • $[\frac{1}{2}[3(j+m-2)-4(j+m-2)(j-m-2)]$ + $3(j-m-2)]$
$(j-3, m)$	$\sqrt{\binom{2j+2}{7}\binom{2j-3}{1}}$	$-2\sqrt{\frac{7}{2}\binom{j+m-3}{1}\binom{j-m+4}{7}}$	$\sqrt{\frac{1}{7}\binom{j-m+3}{6}}$ • $2[3j+4m-9]$	$-\sqrt{\frac{1}{3}\binom{j+m-2}{1}\binom{j-m+2}{5}}$ • $2[j+2m-3]$	$-\sqrt{\frac{1}{15}\binom{j+m-1}{2}\binom{j-m+1}{4}}$ • m	$-\sqrt{\frac{1}{15}\binom{j+m}{3}\binom{j-m}{3}}$ • $2j$
$(j-4, m)$	$\sqrt{\binom{j+1}{8}}$	$-\sqrt{\binom{j+m-3}{1}\binom{j-m+3}{7}}$	$\sqrt{\binom{j+m-2}{2}\binom{j-m+2}{6}}$	$-\sqrt{\binom{j+m-1}{5}\binom{j-m+1}{3}}$	$\sqrt{\binom{j+m}{4}\binom{j-m}{4}}$	$-\sqrt{\frac{1}{2}\binom{j+m}{2}\binom{j-m}{2}}$
Denominator	$(j, -m+4)(4, -4)$	$(j, -m+3)(4, -3)$	$(j, -m+2)(4, -2)$	$(j, -m+1)(4, -1)$	$(j, -m)(4, 0)$	

Table 2. $C(j, 4, j+4-s; m+i-5, 5-i, m)$

Table 2. $C(j, 4, j+4-s; m+k-5, 5-i; m)$		$(j, m+1)(4, -1)$	$(j, m+2)(4, -2)$	$(j, m+3)(4, -3)$	$(j, m+4)(4, -4)$
$(4, 1)$	$(j, m)(4, 0)$	$(j, m+1)(4, -1)$	$(j, m+2)(4, -2)$	$(j, m+3)(4, -3)$	$(j, m+4)(4, -4)$
$j=4$	$j=4$	$\sqrt{(j+m+4)(j-m+4)}$	$\sqrt{(j+m+4)(j-m+4)}$	$\sqrt{(j+m+4)(j-m+4)}$	$\sqrt{(j+m+4)(j-m+4)}$
$j=3$	$j=3$	$\sqrt{(j+m+3)(j-m+3)}$	$\sqrt{(j+m+3)(j-m+3)}$	$\sqrt{(j+m+3)(j-m+3)}$	$\sqrt{(j+m+3)(j-m+3)}$
$j=2$	$j=2$	$\sqrt{(j+m+2)(j-m+2)}$	$\sqrt{(j+m+2)(j-m+2)}$	$\sqrt{(j+m+2)(j-m+2)}$	$\sqrt{(j+m+2)(j-m+2)}$
$j=1$	$j=1$	$\sqrt{(j+m+1)(j-m+1)}$	$\sqrt{(j+m+1)(j-m+1)}$	$\sqrt{(j+m+1)(j-m+1)}$	$\sqrt{(j+m+1)(j-m+1)}$
$j=0$	$j=0$	$\sqrt{(j+m)(j-m)}$	$\sqrt{(j+m)(j-m)}$	$\sqrt{(j+m)(j-m)}$	$\sqrt{(j+m)(j-m)}$
$j=-1$	$j=-1$	$\sqrt{(j-m+1)(j-m+1)}$	$\sqrt{(j-m+1)(j-m+1)}$	$\sqrt{(j-m+1)(j-m+1)}$	$\sqrt{(j-m+1)(j-m+1)}$
$j=-2$	$j=-2$	$\sqrt{(j-m+2)(j-m+2)}$	$\sqrt{(j-m+2)(j-m+2)}$	$\sqrt{(j-m+2)(j-m+2)}$	$\sqrt{(j-m+2)(j-m+2)}$
$j=-3$	$j=-3$	$\sqrt{(j-m+3)(j-m+3)}$	$\sqrt{(j-m+3)(j-m+3)}$	$\sqrt{(j-m+3)(j-m+3)}$	$\sqrt{(j-m+3)(j-m+3)}$
$j=-4$	$j=-4$	$\sqrt{(j-m+4)(j-m+4)}$	$\sqrt{(j-m+4)(j-m+4)}$	$\sqrt{(j-m+4)(j-m+4)}$	$\sqrt{(j-m+4)(j-m+4)}$

Table 3. $C(j, -\frac{9}{2}, j+\frac{9}{2}-s; m+i-\frac{11}{2}, \frac{11}{2}-i, m)$

Denominator	$(j, m-\frac{9}{2})(\frac{9}{2}, \frac{9}{2})$	$(j, m-\frac{7}{2})(\frac{9}{2}, \frac{7}{2})$	$(j, m-\frac{5}{2})(\frac{9}{2}, \frac{5}{2})$	$(j, m-\frac{3}{2})(\frac{9}{2}, \frac{3}{2})$	$(j, m-\frac{1}{2})(\frac{9}{2}, \frac{1}{2})$	$(j, m+\frac{1}{2})(\frac{9}{2}, -\frac{1}{2})$
$(j+\frac{9}{2}, m)$	$\sqrt{\binom{2j+6}{9}}$	$\sqrt{\binom{j+m+\frac{9}{2}}{8}(\binom{j-m+\frac{9}{2}}{2})}$	$\sqrt{\binom{j+m+\frac{9}{2}}{7}(\binom{j-m+\frac{9}{2}}{2})}$	$\sqrt{\binom{j+m+\frac{9}{2}}{6}(\binom{j-m+\frac{9}{2}}{2})}$	$\sqrt{\binom{j+m+\frac{9}{2}}{5}(\binom{j-m+\frac{9}{2}}{2})}$	$\sqrt{\binom{j+m+\frac{9}{2}}{4}(\binom{j-m+\frac{9}{2}}{2})}$
$(j+\frac{7}{2}, m)$	$\sqrt{\binom{2j+9}{7}(\binom{2j+7}{8})}$	$-3\sqrt{\binom{j+m+\frac{7}{2}}{8}(\binom{j-m+\frac{9}{2}}{2})}$	$-\sqrt{\binom{1}{2}(\binom{j+m+\frac{7}{2}}{2})}(\binom{j-m+\frac{7}{2}}{2})$	$-\sqrt{\binom{1}{4}(\binom{j+m+\frac{7}{2}}{2})}(\binom{j-m+\frac{7}{2}}{2})$	$-\sqrt{\binom{1}{2}(\binom{j+m+\frac{7}{2}}{2})}(\binom{j-m+\frac{7}{2}}{2})$	$-\sqrt{\binom{1}{4}(\binom{j+m+\frac{7}{2}}{2})}(\binom{j-m+\frac{7}{2}}{2})$
$(j+\frac{5}{2}, m)$	$\sqrt{\binom{2j+8}{2}(\binom{2j+5}{7})}$	$6\sqrt{\binom{j+m+\frac{5}{2}}{8}(\binom{j-m+\frac{9}{2}}{2})}$	$\sqrt{\binom{2}{7}(\binom{j+m+\frac{5}{2}}{2})}(\binom{j-m+\frac{7}{2}}{2})$	$\sqrt{\binom{1}{2}(\binom{j+m+\frac{5}{2}}{2})}(\binom{j-m+\frac{5}{2}}{2})$	$\sqrt{\binom{1}{4}(\binom{j+m+\frac{5}{2}}{2})}(\binom{j-m+\frac{5}{2}}{2})$	$\sqrt{\binom{1}{2}(\binom{j+m+\frac{5}{2}}{2})}(\binom{j-m+\frac{5}{2}}{2})$
$(j+\frac{3}{2}, m)$	$\sqrt{\binom{2j+7}{3}(\binom{2j+3}{6})}$	$-2\sqrt{21}(\binom{j+m+\frac{3}{2}}{6})(\binom{j-m+\frac{9}{2}}{2})$	$-\sqrt{\frac{1}{3}(\binom{j+m+\frac{3}{2}}{2})}(\binom{j-m+\frac{7}{2}}{2})$	$\sqrt{\frac{7}{15}(\binom{j+m+\frac{3}{2}}{2})}(\binom{j-m+\frac{5}{2}}{2})$	$\sqrt{\frac{1}{5}(\binom{j+m+\frac{3}{2}}{2})}(\binom{j-m+\frac{3}{2}}{2})$	$\sqrt{\frac{1}{15}(\binom{j+m+\frac{3}{2}}{2})}(\binom{j-m+\frac{5}{2}}{2})$
$(j+\frac{1}{2}, m)$	$\sqrt{\binom{2j+6}{4}(\binom{2j+1}{5})}$	$3\sqrt{14}(\binom{j+m+\frac{1}{2}}{5})(\binom{j-m+\frac{9}{2}}{2})$	$\sqrt{\frac{7}{10}(\binom{j+m+\frac{1}{2}}{2})}(\binom{j-m+\frac{5}{2}}{2})$	$\sqrt{\frac{1}{5}(\binom{j+m+\frac{1}{2}}{2})}(\binom{j-m+\frac{3}{2}}{2})$	$\sqrt{\frac{1}{10}(\binom{j+m+\frac{1}{2}}{2})}(\binom{j-m+\frac{3}{2}}{2})$	$\sqrt{\frac{1}{4}(\binom{j+m+\frac{1}{2}}{2})}(\binom{j-m+\frac{5}{2}}{2})$
$(j-\frac{1}{2}, m)$	$\sqrt{\binom{2j+5}{5}(\binom{2j+1}{4})}$	$-3\sqrt{14}(\binom{j+m-\frac{1}{2}}{4})(\binom{j-m+\frac{9}{2}}{2})$	$\sqrt{\frac{7}{10}(\binom{j+m-\frac{1}{2}}{2})}(\binom{j-m+\frac{7}{2}}{2})$	$\sqrt{\frac{1}{5}(\binom{j+m-\frac{1}{2}}{2})}(\binom{j-m+\frac{5}{2}}{2})$	$\sqrt{\frac{1}{10}(\binom{j+m-\frac{1}{2}}{2})}(\binom{j-m+\frac{3}{2}}{2})$	$\sqrt{\frac{1}{4}(\binom{j+m-\frac{1}{2}}{2})}(\binom{j-m+\frac{5}{2}}{2})$
$(j-\frac{3}{2}, m)$	$\sqrt{\binom{2j+4}{6}(\binom{2j-3}{3})}$	$-3\sqrt{14}(\binom{j+m-\frac{3}{2}}{4})(\binom{j-m+\frac{9}{2}}{2})$	$\sqrt{\frac{7}{10}(\binom{j+m-\frac{3}{2}}{2})}(\binom{j-m+\frac{5}{2}}{2})$	$\sqrt{\frac{1}{5}(\binom{j+m-\frac{3}{2}}{2})}(\binom{j-m+\frac{3}{2}}{2})$	$\sqrt{\frac{1}{10}(\binom{j+m-\frac{3}{2}}{2})}(\binom{j-m+\frac{3}{2}}{2})$	$\sqrt{\frac{1}{4}(\binom{j+m-\frac{3}{2}}{2})}(\binom{j-m+\frac{5}{2}}{2})$
$(j-\frac{5}{2}, m)$	$\sqrt{\binom{2j+3}{7}(\binom{2j-5}{3})}$	$2\sqrt{21}(\binom{j+m-\frac{5}{2}}{3})(\binom{j-m+\frac{9}{2}}{2})$	$-\sqrt{\frac{14}{3}(\binom{j+m-\frac{5}{2}}{2})}(\binom{j-m+\frac{7}{2}}{2})$	$\sqrt{\frac{1}{15}(\binom{j+m-\frac{5}{2}}{2})}(\binom{j-m+\frac{5}{2}}{2})$	$\sqrt{\frac{1}{15}(\binom{j+m-\frac{5}{2}}{2})}(\binom{j-m+\frac{3}{2}}{2})$	$\sqrt{\frac{1}{15}(\binom{j+m-\frac{5}{2}}{2})}(\binom{j-m+\frac{5}{2}}{2})$
$(j-\frac{7}{2}, m)$	$\sqrt{\binom{2j+2}{8}(\binom{2j-7}{1})}$	$6\sqrt{\binom{j+m-\frac{7}{2}}{8}(\binom{j-m+\frac{9}{2}}{2})}$	$-\sqrt{\frac{1}{2}(\binom{j+m-\frac{7}{2}}{2})}(\binom{j-m+\frac{7}{2}}{2})$	$\sqrt{\frac{1}{15}(\binom{j+m-\frac{7}{2}}{2})}(\binom{j-m+\frac{5}{2}}{2})$	$\sqrt{\frac{1}{15}(\binom{j+m-\frac{7}{2}}{2})}(\binom{j-m+\frac{3}{2}}{2})$	$\sqrt{\frac{1}{15}(\binom{j+m-\frac{7}{2}}{2})}(\binom{j-m+\frac{5}{2}}{2})$
$(j-\frac{9}{2}, m)$	$\sqrt{\binom{2j+1}{9}}$	$-\sqrt{\frac{1}{2}(\binom{j+m-\frac{9}{2}}{2})}(\binom{j-m+\frac{9}{2}}{2})$	$\sqrt{\frac{1}{15}(\binom{j+m-\frac{9}{2}}{2})}(\binom{j-m+\frac{7}{2}}{2})$	$\sqrt{\frac{1}{15}(\binom{j+m-\frac{9}{2}}{2})}(\binom{j-m+\frac{5}{2}}{2})$	$\sqrt{\frac{1}{15}(\binom{j+m-\frac{9}{2}}{2})}(\binom{j-m+\frac{3}{2}}{2})$	$\sqrt{\frac{1}{15}(\binom{j+m-\frac{9}{2}}{2})}(\binom{j-m+\frac{5}{2}}{2})$
	Denominator	$(j, -m+\frac{9}{2})(\frac{9}{2}, -\frac{9}{2})$	$(j, -m+\frac{7}{2})(\frac{9}{2}, -\frac{7}{2})$	$(j, -m+\frac{5}{2})(\frac{9}{2}, -\frac{5}{2})$	$(j, -m+\frac{3}{2})(\frac{9}{2}, -\frac{3}{2})$	$(j, -m+\frac{1}{2})(\frac{9}{2}, -\frac{1}{2})$

Table 3. $c(j, \frac{9}{2}, j+\frac{9}{2}-s; m+i-\frac{11}{2}, \frac{11}{2}-i, m)$

	Denominator	$(j, m-5)(5, 5)$	$(j, m-4)(5, 4)$	$(j, m-3)(5, 3)$	$(j, m-2)(5, 2)$	$(j, m-1)(5, 1)$
$(j+5, m)$	$\sqrt{\binom{2j+10}{10}}$	$\sqrt{\binom{j+m+5}{10}} \binom{j-m+5}{1}$	$\sqrt{\binom{j+m+5}{9}} \binom{j-m+5}{1}$	$\sqrt{\binom{j+m+5}{8}} \binom{j-m+5}{2}$	$\sqrt{\binom{j+m+5}{7}} \binom{j-m+5}{3}$	$\sqrt{\binom{j+m+5}{6}} \binom{j-m+5}{4}$
$(j+4, m)$	$\sqrt{\binom{2j+10}{1}} \binom{2j+8}{9}$	$-\sqrt{10} \binom{j+m+4}{9} \binom{j-m+5}{1}$	$-\sqrt{\binom{j+m+4}{8}} \binom{j-m+5}{1}$	$-\sqrt{\binom{j+m+4}{7}} \binom{j-m+4}{1}$	$-\sqrt{\frac{1}{21}} \binom{j+m+4}{6} \binom{j-m+4}{2}$	$-\sqrt{\frac{1}{6}} \binom{j+m+4}{5} \binom{j-m+4}{3}$
$(j+3, m)$	$\sqrt{\binom{2j+9}{2}} \binom{2j+6}{8}$	$3\sqrt{5} \binom{j+m+3}{8} \binom{j-m+5}{2}$	$\sqrt{\frac{1}{2}} \binom{j+m+3}{7} \binom{j-m+4}{1}$	$\sqrt{\frac{1}{7}} \binom{j+m+3}{6} \binom{j-m+3}{1}$	$\sqrt{\frac{1}{10}} \binom{j+m+3}{5} \binom{j-m+3}{1}$	$\sqrt{\frac{1}{6}} \binom{j+m+3}{4} \binom{j-m+3}{2}$
$(j+2, m)$	$\sqrt{\binom{2j+8}{3}} \binom{2j+4}{7}$	$-2\sqrt{30} \binom{j+m+2}{7} \binom{j-m+5}{3}$	$-\sqrt{\frac{1}{7}} \binom{j+m+2}{6} \binom{j-m+4}{2}$	$\sqrt{\frac{2}{35}} \binom{j+m+2}{5} \binom{j-m+3}{1}$	$\sqrt{\frac{1}{15}} \binom{j+m+2}{4} \binom{j-m+2}{1}$	$\sqrt{\frac{1}{5}} \binom{j+m+2}{3} \binom{j-m+2}{1}$
$(j+1, m)$	$\sqrt{\binom{2j+7}{4}} \binom{2j+2}{6}$	$\sqrt{5*6*7} \binom{j+m+1}{6} \binom{j-m+5}{4}$	$\sqrt{\frac{7}{2}} \binom{j+m+1}{5} \binom{j-m+4}{3}$	$*[4(2j-5m+13)]$	$*[(j+m-2)-7(j-m-2)]$	$*[(j+m-1)-3(j+m-1)]$
(j, m)	$\sqrt{\binom{2j+6}{5}} \binom{2j}{5}$	$-6\sqrt{7} \binom{j+m}{5} \binom{j-m+5}{5}$	$\sqrt{\frac{14}{5}} \binom{j+m}{4} \binom{j-m+4}{4}$	$*[2(j+m-3)+7(j-m-3)]$	$+21(j+m-2) \binom{j-m+2}{2} - 35(j-m+2)$	$+5(j+m-1) \binom{j-m+1}{2} - 5(j-m+1)$
$(j-1, m)$	$\sqrt{\binom{2j+5}{6}} \binom{2j-2}{4}$	$\sqrt{5*6*7} \binom{j+m-1}{6} \binom{j-m+5}{6} - \sqrt{\frac{7}{2}} \binom{j+m-1}{5} \binom{j-m+4}{5}$	$\sqrt{\frac{7}{15}} \binom{j+m-1}{4} \binom{j-m+3}{4}$	$*[2(-4(j+m-3)+5(j+m-3))]$	$\sqrt{\frac{7}{30}} \binom{j+m-1}{3} \binom{j-m+2}{2}$	$\sqrt{\frac{1}{30}} \binom{j+m-1}{2} \binom{j-m+1}{1}$
$(j-2, m)$	$\sqrt{\binom{2j+4}{7}} \binom{2j-4}{3}$	$-2\sqrt{30} \binom{j+m-2}{3} \binom{j-m+5}{7}$	$\sqrt{\frac{7}{2}} \binom{j+m-2}{6} \binom{j-m+4}{6}$	$*[5(j+m-3)-4(j+m-3)(j-m-1)]$	$*[3(j+m-2)-5(j+m-2)]$	$*[(j+m-1)-6(j+m-1)]$
$(j-3, m)$	$\sqrt{\binom{2j+3}{8}} \binom{2j-6}{2}$	$-3\sqrt{5} \binom{j+m-3}{2} \binom{j-m+5}{8}$	$-\sqrt{\frac{1}{2}} \binom{j+m-3}{7} \binom{j-m+4}{7}$	$*[14(j+m-3)+7(j+m-3)(j-m-1)]$	$*[15(j+m-2)+5(j+m-2)(j-m-1)]$	$*[15(j+m-1)-20(j-m-1)(j-m-1)]$
$(j-4, m)$	$\sqrt{\binom{2j+2}{9}} \binom{2j-8}{1}$	$\sqrt{5*6*7} \binom{j+m-4}{9} \binom{j-m+5}{8}$	$\sqrt{\frac{1}{8}} \binom{j+m-4}{8} \binom{j-m+4}{8}$	$*[3j+5m-13]$	$*[35(j+m-2)-21(j+m-2)(j-m-2)]$	$*[5(j+m-2)(j-m-2)+(j-m-2)]$
$(j-5, m)$	$\sqrt{\binom{2j+1}{10}}$	$\sqrt{\frac{1}{10}} \binom{j+m-5}{10} \binom{j-m+5}{9}$	$*[2(j+m-4)(j-m+4)]$	$*[\frac{1}{2}(3j+5m-12)]$	$*[\frac{1}{2}(-14(j+m-3)+7(j+m-3)(j-m-3)]$	$*[5(j+m-3)-4(j+m-3)(j-m-3)]$
	Denominator	$(j, -m+5)(5, -5)$	$(j, -m+4)(5, -4)$	$(j, -m+3)(5, -3)$	$(j, -m+2)(5, -2)$	$(j, -m+1)(5, -1)$

Table 4. Cylinders ($m+i = 6$, $n-i = m$)

$(j, m+1)(5, -1)$	$(j, m+2)(5, -2)$	$(j, m+3)(5, -3)$	$(j, m+4)(5, -4)$	$(j, m+5)(5, -5)$
$\sqrt{\binom{j-m+5}{6}}_r$	$\sqrt{\binom{j+m+5}{3}}(j-m+5)$	$\sqrt{\binom{j+m+5}{2}}(j-m+5)$	$\sqrt{\binom{j-m+5}{9}}_r$	$\sqrt{\binom{j-m+5}{10}}$
$\sqrt{\frac{1}{2}\binom{j+m+4}{2}}(j-m+4)$	$\sqrt{\frac{1}{2}\binom{j+m+4}{1}}(j-m+4)$	$\sqrt{\frac{1}{2}\binom{j+m+4}{2}}(j-m+4)$	$\sqrt{\frac{1}{10}\binom{j+m+5}{1}}(j-m+4)$	$-(j+4, -m)$
$\cdot \frac{1}{2}[2(j+5m+10)]$	$\cdot \frac{1}{2}[3(j+5m+15)]$	$\cdot \frac{1}{2}[3(j+5m+16)]$	$\cdot \frac{2}{3}[4j+5m+20]$	$(j+3, -m)$
$\sqrt{\binom{j-m+3}{4}}_r$	$\sqrt{\binom{j-m+3}{5}}_r$	$\sqrt{\binom{j-m+3}{4}}_r$	$\sqrt{\binom{j-m+3}{7}}_r$	$\sqrt{\binom{j-m+3}{8}}_r$
$\sqrt{\frac{1}{3}\binom{j+m+2}{2}}$	$\sqrt{\frac{1}{3}\binom{j+m+2}{1}}_r$	$\sqrt{\frac{1}{3}\binom{j+m+2}{2}}_r$	$\sqrt{\frac{1}{2}\binom{j+m+4}{1}}(j-m+3)$	$\sqrt{10\binom{j+m+5}{1}}(j-m+4)$
$\cdot [35(j+m+2)-21(j+m+2)(j-m-2)$	$\cdot [1, (\frac{j+m+2}{2})_r - r(\frac{j+m+2}{1})(j-m-3)$	$\cdot \frac{3}{2}[3j+5m+16]$	$\cdot \frac{3}{2}\sqrt{5(j+m+5)}(j-m+3)$	$(j+3, -m)$
$+7(j-m+2)(j-m-2) - (j-m-2)]$	$+2(\frac{j-m-3}{2})$	$+(\frac{j-m-3}{2})$	$\cdot \frac{3}{2}[(3j+5m+16)]$	
$-20(j+m+1)(j-m-1)$	$\sqrt{\frac{7}{5}\binom{j+m+2}{1}}(j-m+1)$	$\sqrt{\frac{7}{15}\binom{j+m+3}{2}}(j-m+1)$	$\sqrt{\frac{1}{2}(j+m+4)\sqrt{j-m+2}}$	$-(j+2, -m)$
$\cdot [3(j+m+1)-5(j+m+1)(j-m-1) + (j-m-1)]$	$\cdot [\frac{1}{2}, 5(\frac{j+m+1}{3})_r - 5(\frac{j+m+1}{2})(j-m-1)]$	$\cdot [5(\frac{j+m+1}{2})_r - 4(\frac{j+m+1}{1})(j-m-3)$	$\sqrt{30(j+m+5)(j-m+2)}$	
$15(j+m+1)(j-m-1)$	$\sqrt{\frac{7}{30}\binom{j+m+2}{2}}(j-m)$	$\sqrt{\frac{7}{5}\binom{j+m+3}{1}}(j-m)$	$\sqrt{5+6\cdot 7(j+m+5)(j-m+1)}$	
$\cdot [3(\frac{j+m}{3})_r - 5(\frac{j+m}{2})(j-m-2) + 3(j-m-2)]$	$\cdot [\frac{1}{2}[4(\frac{j+m}{2})_r - 5(\frac{j+m}{1})(j-m-3)$	$\cdot [j+5m+11]$	$\sqrt{5+6\cdot 7(j+m+5)(j-m+1)}$	
$(j-m-1)-15(j-m)_r(j-m-1) + 6(j-m-1)]$	$+4(\frac{j-m-3}{2})$	$+2(\frac{j-m-3}{2})$	$\sqrt{30(j+m+5)(j-m)}$	$-(j, -m)$
$\sqrt{\frac{7}{5}\binom{j+m+2}{3}}(j-m-1)$	$\sqrt{\frac{7}{15}\binom{j+m+3}{4}}(j-m)$	$\sqrt{\frac{1}{2}(j+m+4)\sqrt{j-m+1}}$	$6\sqrt{7(j+m+5)(j-m)}$	
$\cdot [\frac{1}{2}[5(j+m-1)-3(j-m-1)]$	$\cdot \frac{1}{2}[4(\frac{j+m}{2})_r - 5(\frac{j+m}{1})(j-m-3)$	$\cdot 6[m+2]$	$6\sqrt{7(j+m+5)(j-m)}$	
$-6(j+m-1)(j-m-1)$	$\sqrt{\frac{7}{5}\binom{j+m+3}{3}}(j-m-1)$	$\sqrt{\frac{1}{2}(j+m+4)\sqrt{j-m+1}}$	$-(j+1, -m)$	
$\cdot [\frac{1}{2}[5(j+m-1)-3(j-m-1)]$	$\cdot [2(\frac{j+m-1}{2})_r - 4(\frac{j+m-1}{1})(j-m-3)$	$\cdot [j+5m+11]$	$-(j+1, -m)$	
$(j-m-1)-20(j+m-1)(j-m-1) + 15(j-m-1)]$	$+4(\frac{j-m-3}{2})$	$+5(\frac{j-m-3}{2})$	$\sqrt{5+6\cdot 7(j+m+5)(j-m+1)}$	
$\sqrt{\frac{1}{35}\binom{j+m+2}{3}}(j-m-1)$	$\sqrt{\frac{2}{15}\binom{j+m+3}{5}}(j-m-2)$	$\sqrt{\frac{1}{2}(j+m+4)\sqrt{j-m+2}}$	$\sqrt{5+6\cdot 7(j+m+5)(j-m+1)}$	
$\cdot [\frac{1}{2}[5(j+m-1)-3(j-m-1)]$	$\cdot [2(\frac{j+m-1}{2})_r - 4(\frac{j+m-1}{1})(j-m-3)$	$\cdot [j+5m+10]$	$-(j+1, -m)$	
$-2(j-m-2)+5(j-m-2)]$	$+14(\frac{j-m-3}{2})$	$+5(\frac{j-m-3}{2})$	$-(j+2, -m)$	
$\sqrt{\frac{1}{2}\binom{j+m+2}{6}}(j-m-2)$	$\sqrt{\frac{1}{7}\binom{j+m+3}{6}}$	$\sqrt{\frac{1}{2}(j+m+4)\sqrt{j-m+2}}$	$-(j-2, -m)$	
$\cdot [\frac{1}{2}[-2(j+m-3)+7(j+m-3)(j-m-3)$	$\cdot [\frac{1}{2}[(j+m-3)-8(j+m-3)(j-m-3)]$	$\cdot \sqrt{\frac{1}{2}(j+m+4)\sqrt{j-m+2}}$	$-(j-3, -m)$	
$+5(j-m-3)]$	$-14(\frac{j-m-3}{2})$	$+28(\frac{j-m-3}{2})$	$\sqrt{30(j+m+5)(j-m+2)}$	
$\sqrt{\frac{1}{24}\binom{j+m+2}{6}}(j-m-2)$	$\sqrt{\binom{j+m+3}{7}}(j-m-3)$	$\sqrt{\frac{1}{2}(j+m+4)\sqrt{j-m+2}}$	$\sqrt{10(j+m+5)(j-m+4)}$	
$\cdot 2[2(j+5m-8)]$	$\cdot \frac{1}{2}[3j+5m-12]$	$\cdot 2[4j+5m-16]$	$\sqrt{10(j+m+5)(j-m+4)}$	
$j-m-1)$	$\sqrt{\binom{j+m+3}{8}}(j-m-3)$	$\sqrt{\binom{j+m+4}{9}}(j-m-4)$	$\sqrt{\binom{j+m+5}{10}}$	$-(j-4, -m)$
$j, -m-1)(5, 1)$	$(j, -m-2)(5, 2)$	$(j, -m-3)(5, 3)$	$(j, -m-4)(5, 4)$	$(j, -m-5)(5, 5)$

$$\begin{aligned}
 & (-1)^s \frac{1}{s!} \sqrt{\frac{(i-1)!}{(r-s)!}} (2j-r+i-1) \cdots (2j-s+1) (2j'-i+1) \cdots \\
 & \cdots (2j'-s+1) (r-i+1) \cdots (r-s+1) \\
 & \times \left[\sum_{k=1}^i (-1)^{i-k} \binom{s}{i-k} (2j-s) \cdots (2j-r+k) \right. \\
 & \left. \times (r-s) \cdots (r-s-k+2) \binom{2j'-s}{k-1} \right].
 \end{aligned}$$

ii) The tables for $j'=7/2 \sim 5$

First we will enumerate the noticeable facts about the following tables:

- a) In square brackets, we have arranged the terms so as to make the evaluation easy, and so we have not expanded them.
- b) Each table is a matrix of $(2j'+1) \times (2j'+1)$ having a column-subscript s and a row-subscript i . An (s, i) -element of this matrix is equal to $(-1)^s$ times $(s, 2j'-i+2)$ -element, if the sign of m in either element is changed. s runs from 0 to $2j'$, and i runs from 1 to $2j'+1$.
- c) The denominators of C-G coefficients are independent of i , so we write the denominators in the second column separating them from numerators.
- d) The resultant eigen-states are written in the first column, and their decomposed eigen-states are arranged in the top row. These tables can be used for each value of m positive and negative, but if we once evaluate the C-G coefficients for positive m -values, these can be also available for the one corresponding to negative m -values, because of the aforesaid property b). For this end, we have written in the last column the composite eigen-states whose eigenvalue of the third component is negative, and their decomposed eigen-state in the under row. Take care of minus sign in the last column!
- e) If we set the value of $|m|$ equal to $j+j'-r$, the matrix elements whose subscripts i and s are larger than $r+1$ vanish, and the denominator and numerators have more common factors. Accordingly, in the case of $r \leq 2j'-1$, i.e., $|m| \geq j-j'+1$, it is more simple to use the tables of i) in this section.

§6. Numerical tables

The followings are the numerical tables of the C-G coefficients for $j'=1/2 \sim 6$ and $j=5, 11/2$ and 6. For the highest or the lowest value of the total third component, the C-G coefficient is unity and we omit it in the table. D means a denominator.

$j' = \mathbf{1/2}$ $j = \mathbf{5}$

$m = \pm \frac{9}{2}$	D	$(5, 4)\left(\frac{1}{2}, \frac{1}{2}\right)$	$(5, 5)\left(\frac{1}{2}, -\frac{1}{2}\right)$	
$\left(\frac{11}{2}, \frac{9}{2}\right)$	$\sqrt{11}$	$\sqrt{10}$	1	$\left(\frac{11}{2}, -\frac{9}{2}\right)$
$\left(\frac{9}{2}, \frac{9}{2}\right)$	$\sqrt{11}$	-1	$\sqrt{10}$	$-\left(\frac{9}{2}, -\frac{9}{2}\right)$
	D	$(5, -4)\left(\frac{1}{2}, -\frac{1}{2}\right)$	$(5, -5)\left(\frac{1}{2}, \frac{1}{2}\right)$	
$m = \pm \frac{7}{2}$	D	$(5, 3)\left(\frac{1}{2}, \frac{1}{2}\right)$	$(5, 4)\left(\frac{1}{2}, -\frac{1}{2}\right)$	
$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\sqrt{11}$	3	$\sqrt{2}$	$\left(\frac{11}{2}, -\frac{7}{2}\right)$
$\left(\frac{9}{2}, \frac{7}{2}\right)$	$\sqrt{11}$	$-\sqrt{2}$	3	$-\left(\frac{9}{2}, -\frac{7}{2}\right)$
	D	$(5, -3)\left(\frac{1}{2}, -\frac{1}{2}\right)$	$(5, -4)\left(\frac{1}{2}, \frac{1}{2}\right)$	
$m = \pm \frac{5}{2}$	D	$(5, 2)\left(\frac{1}{2}, \frac{1}{2}\right)$	$(5, 3)\left(\frac{1}{2}, -\frac{1}{2}\right)$	
$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\sqrt{11}$	$\sqrt{8}$	$\sqrt{3}$	$\left(\frac{11}{2}, -\frac{5}{2}\right)$
$\left(\frac{9}{2}, \frac{5}{2}\right)$	$\sqrt{11}$	$-\sqrt{3}$	$\sqrt{8}$	$-\left(\frac{9}{2}, -\frac{5}{2}\right)$
	D	$(5, -2)\left(\frac{1}{2}, -\frac{1}{2}\right)$	$(5, -3)\left(\frac{1}{2}, \frac{1}{2}\right)$	
$m = \pm \frac{3}{2}$	D	$(5, 1)\left(\frac{1}{2}, \frac{1}{2}\right)$	$(5, 2)\left(\frac{1}{2}, -\frac{1}{2}\right)$	
$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\sqrt{11}$	$\sqrt{7}$	2	$\left(\frac{11}{2}, -\frac{3}{2}\right)$
$\left(\frac{9}{2}, \frac{3}{2}\right)$	$\sqrt{11}$	-2	$\sqrt{7}$	$-\left(\frac{9}{2}, -\frac{3}{2}\right)$
	D	$(5, -1)\left(\frac{1}{2}, -\frac{1}{2}\right)$	$(5, -2)\left(\frac{1}{2}, \frac{1}{2}\right)$	
$m = \pm \frac{1}{2}$	D	$(5, 0)\left(\frac{1}{2}, \frac{1}{2}\right)$	$(5, 1)\left(\frac{1}{2}, -\frac{1}{2}\right)$	
$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\sqrt{11}$	$\sqrt{6}$	$\sqrt{5}$	$\left(\frac{11}{2}, -\frac{1}{2}\right)$
$\left(\frac{9}{2}, \frac{1}{2}\right)$	$\sqrt{11}$	$-\sqrt{5}$	$\sqrt{6}$	$-\left(\frac{9}{2}, -\frac{1}{2}\right)$
	D	$(5, 0)\left(\frac{1}{2}, -\frac{1}{2}\right)$	$(5, -1)\left(\frac{1}{2}, \frac{1}{2}\right)$	

 $j' = \mathbf{1/2}$ $j = \mathbf{11/2}$

$m = \pm 5$	D	$(\frac{11}{2}, \frac{9}{2})\left(\frac{1}{2}, \frac{1}{2}\right)$	$(\frac{11}{2}, \frac{11}{2})\left(\frac{1}{2}, -\frac{1}{2}\right)$	
(6, 5)	$\sqrt{12}$	$\sqrt{11}$	1	(6, -5)
(5, 5)	$\sqrt{12}$	-1	$\sqrt{11}$	-(5, -5)
	D	$(\frac{11}{2}, -\frac{9}{2})\left(\frac{1}{2}, -\frac{1}{2}\right)$	$(\frac{11}{2}, -\frac{11}{2})\left(\frac{1}{2}, \frac{1}{2}\right)$	

$m = \pm 4$	D	$(\frac{11}{2}, \frac{7}{2})(\frac{1}{2}, \frac{1}{2})$	$(\frac{11}{2}, \frac{9}{2})(\frac{1}{2}, -\frac{1}{2})$	
(6, 4)	$\sqrt{6}$	$\sqrt{5}$	1	(6, -4)
(5, 4)	$\sqrt{6}$	-1	$\sqrt{5}$	-(5, -4)
	D	$(\frac{11}{2}, -\frac{7}{2})(\frac{1}{2}, -\frac{1}{2})$	$(\frac{11}{2}, -\frac{9}{2})(\frac{1}{2}, \frac{1}{2})$	
$m = \pm 3$	D	$(\frac{11}{2}, \frac{5}{2})(\frac{1}{2}, \frac{1}{2})$	$(\frac{11}{2}, \frac{7}{2})(\frac{1}{2}, -\frac{1}{2})$	
(6, 3)	2	$\sqrt{3}$	1	(6, -3)
(5, 3)	2	-1	$\sqrt{3}$	-(5, -3)
	D	$(\frac{11}{2}, -\frac{5}{2})(\frac{1}{2}, -\frac{1}{2})$	$(\frac{11}{2}, -\frac{7}{2})(\frac{1}{2}, \frac{1}{2})$	
$m = \pm 2$	D	$(\frac{11}{2}, \frac{3}{2})(\frac{1}{2}, \frac{1}{2})$	$(\frac{11}{2}, \frac{5}{2})(\frac{1}{2}, -\frac{1}{2})$	
(6, 2)	$\sqrt{3}$	$\sqrt{2}$	1	(6, -2)
(5, 2)	$\sqrt{3}$	-1	$\sqrt{2}$	-(5, -2)
	D	$(\frac{11}{2}, -\frac{3}{2})(\frac{1}{2}, -\frac{1}{2})$	$(\frac{11}{2}, -\frac{5}{2})(\frac{1}{2}, \frac{1}{2})$	
$m = \pm 1$	D	$(\frac{11}{2}, \frac{1}{2})(\frac{1}{2}, \frac{1}{2})$	$(\frac{11}{2}, \frac{3}{2})(\frac{1}{2}, -\frac{1}{2})$	
(6, 1)	$\sqrt{12}$	$\sqrt{7}$	$\sqrt{5}$	(6, -1)
(5, 1)	$\sqrt{12}$	$-\sqrt{5}$	$\sqrt{7}$	-(5, -1)
	D	$(\frac{11}{2}, -\frac{1}{2})(\frac{1}{2}, -\frac{1}{2})$	$(\frac{11}{2}, -\frac{3}{2})(\frac{1}{2}, \frac{1}{2})$	
$m = 0$	D	$(\frac{11}{2}, -\frac{1}{2})(\frac{1}{2}, \frac{1}{2})$	$(\frac{11}{2}, \frac{1}{2})(\frac{1}{2}, -\frac{1}{2})$	
(6, 0)	$\sqrt{2}$	1	1	
(5, 0)	$\sqrt{2}$	-1	1	

 $j' = 1/2$ $j = 6$

$m = \pm \frac{11}{2}$	D	$(6, 5)(\frac{1}{2}, \frac{1}{2})$	$(6, 6)(\frac{1}{2}, -\frac{1}{2})$	
$(\frac{13}{2}, \frac{11}{2})$	$\sqrt{13}$	$\sqrt{12}$	1	$(\frac{13}{2}, -\frac{11}{2})$
$(\frac{11}{2}, \frac{11}{2})$	$\sqrt{13}$	-1	$\sqrt{12}$	$-(\frac{11}{2}, -\frac{11}{2})$
	D	$(6, -5)(\frac{1}{2}, -\frac{1}{2})$	$(6, -6)(\frac{1}{2}, \frac{1}{2})$	
$m = \pm \frac{9}{2}$	D	$(6, 4)(\frac{1}{2}, \frac{1}{2})$	$(6, 5)(\frac{1}{2}, -\frac{1}{2})$	
$(\frac{13}{2}, \frac{9}{2})$	$\sqrt{13}$	$\sqrt{11}$	$\sqrt{2}$	$(\frac{13}{2}, -\frac{9}{2})$
$(\frac{11}{2}, \frac{9}{2})$	$\sqrt{13}$	$-\sqrt{2}$	$\sqrt{11}$	$-(\frac{11}{2}, -\frac{9}{2})$
	D	$(6, -4)(\frac{1}{2}, -\frac{1}{2})$	$(6, -5)(\frac{1}{2}, \frac{1}{2})$	

$m = \pm \frac{7}{2}$	D	$(6, 3)\left(\frac{1}{2}, \frac{1}{2}\right)$	$(6, 4)\left(\frac{1}{2}, -\frac{1}{2}\right)$	
$\left(\frac{13}{2}, \frac{7}{2}\right)$	$\sqrt{13}$	$\sqrt{10}$	$\sqrt{3}$	$\left(\frac{13}{2}, -\frac{7}{2}\right)$
$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\sqrt{13}$	$-\sqrt{3}$	$\sqrt{10}$	$-\left(\frac{11}{2}, -\frac{7}{2}\right)$
	D	$(6, -3)\left(\frac{1}{2}, -\frac{1}{2}\right)$	$(6, -4)\left(\frac{1}{2}, \frac{1}{2}\right)$	

$m = \pm \frac{5}{2}$	D	$(6, 2)\left(\frac{1}{2}, \frac{1}{2}\right)$	$(6, 3)\left(\frac{1}{2}, -\frac{1}{2}\right)$	
$\left(\frac{13}{2}, \frac{5}{2}\right)$	$\sqrt{13}$	3	2	$\left(\frac{13}{2}, -\frac{5}{2}\right)$
$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\sqrt{13}$	-2	3	$-\left(\frac{11}{2}, -\frac{5}{2}\right)$
	D	$(6, -2)\left(\frac{1}{2}, -\frac{1}{2}\right)$	$(6, -3)\left(\frac{1}{2}, \frac{1}{2}\right)$	

$m = \pm \frac{3}{2}$	D	$(6, 1)\left(\frac{1}{2}, \frac{1}{2}\right)$	$(6, 2)\left(\frac{1}{2}, -\frac{1}{2}\right)$	
$\left(\frac{13}{2}, \frac{3}{2}\right)$	$\sqrt{13}$	$\sqrt{8}$	$\sqrt{5}$	$\left(\frac{13}{2}, -\frac{3}{2}\right)$
$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\sqrt{13}$	$-\sqrt{5}$	$\sqrt{8}$	$-\left(\frac{11}{2}, -\frac{3}{2}\right)$
	D	$(6, -1)\left(\frac{1}{2}, -\frac{1}{2}\right)$	$(6, -2)\left(\frac{1}{2}, \frac{1}{2}\right)$	

$m = \pm \frac{1}{2}$	D	$(6, 0)\left(\frac{1}{2}, \frac{1}{2}\right)$	$(6, 1)\left(\frac{1}{2}, -\frac{1}{2}\right)$	
$\left(\frac{13}{2}, \frac{1}{2}\right)$	$\sqrt{13}$	$\sqrt{7}$	$\sqrt{6}$	$\left(\frac{13}{2}, -\frac{1}{2}\right)$
$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\sqrt{13}$	$-\sqrt{6}$	$\sqrt{7}$	$-\left(\frac{11}{2}, -\frac{1}{2}\right)$
	D	$(6, 0)\left(\frac{1}{2}, -\frac{1}{2}\right)$	$(6, -1)\left(\frac{1}{2}, \frac{1}{2}\right)$	

$j' = \mathbf{1}$ $m = \pm 5$	$j = \mathbf{5}$			
	D	$(5, 4)(1, 1)$	$(5, 5)(1, 0)$	
$(6, 5)$	$\sqrt{6}$	$\sqrt{5}$	1	$(6, -5)$
$(5, 5)$	$\sqrt{6}$	-1	$\sqrt{5}$	$-(5, -5)$
	D	$(5, -4)(1, -1)$	$(5, -5)(1, 0)$	

$m = \pm 4$	D	$(5, 3)(1, 1)$	$(5, 4)(1, 0)$	$(5, 5)(1, -1)$	
$(6, 4)$	$\sqrt{66}$	$\sqrt{45}$	$\sqrt{20}$	1	$(6, -4)$
$(5, 4)$	$\sqrt{30}$	-3	4	$\sqrt{-5}$	$-(5, -4)$
$(4, 4)$	$\sqrt{55}$	1	-3	$\sqrt{45}$	$(4, -4)$
	D	$(5, -3)(1, -1)$	$(5, -4)(1, 0)$	$(5, -5)(1, 1)$	

$m = \pm 3$	D	$(5, 2)(1, 1)$	$(5, 3)(1, 0)$	$(5, 4)(1, -1)$	
$(6, 3)$	$\sqrt{22}$	$\sqrt{12}$	3	1	$(6, -3)$
$(5, 3)$	$\sqrt{10}$	-2	$\sqrt{3}$	$\sqrt{3}$	$-(5, -3)$
$(4, 3)$	$\sqrt{55}$	$\sqrt{3}$	-4	6	$(4, -3)$
	D	$(5, -2)(1, -1)$	$(5, -3)(1, 0)$	$(5, -4)(1, 1)$	
$m = \pm 2$	D	$(5, 1)(1, 1)$	$(5, 2)(1, 0)$	$(5, 3)(1, -1)$	
$(6, 2)$	$\sqrt{33}$	$\sqrt{14}$	4	$\sqrt{3}$	$(6, -2)$
$(5, 2)$	$\sqrt{15}$	$-\sqrt{7}$	$\sqrt{2}$	$\sqrt{6}$	$-(5, -2)$
$(4, 2)$	$\sqrt{55}$	$\sqrt{6}$	$-\sqrt{21}$	$\sqrt{28}$	$(4, -2)$
	D	$(5, -1)(1, -1)$	$(5, -2)(1, 0)$	$(5, -3)(1, 1)$	
$m = \pm 1$	D	$(5, 0)(1, 1)$	$(5, 1)(1, 0)$	$(5, 2)(1, -1)$	
$(6, 1)$	$\sqrt{66}$	$\sqrt{21}$	$\sqrt{35}$	$\sqrt{10}$	$(6, -1)$
$(5, 1)$	$\sqrt{30}$	$-\sqrt{15}$	1	$\sqrt{14}$	$-(5, -1)$
$(4, 1)$	$\sqrt{55}$	$\sqrt{10}$	$-\sqrt{24}$	$\sqrt{21}$	$(4, -1)$
	D	$(5, 0)(1, -1)$	$(5, -1)(1, 0)$	$(5, -2)(1, 1)$	
$m = 0$	D	$(5, -1)(1, 1)$	$(5, 0)(1, 0)$	$(5, 1)(1, -1)$	
$(6, 0)$	$\sqrt{22}$	$\sqrt{5}$	$\sqrt{12}$	$\sqrt{5}$	
$(5, 0)$	$\sqrt{2}$	-1	0	1	
$(4, 0)$	$\sqrt{11}$	$\sqrt{3}$	$-\sqrt{5}$	$\sqrt{3}$	

 $j' = \mathbf{1}$
 $j = \mathbf{11/2}$

$m = \pm \frac{11}{2}$	D	$(\frac{11}{2}, \frac{9}{2})(1, 1)$	$(\frac{11}{2}, \frac{11}{2})(1, 0)$	
$(\frac{13}{2}, \frac{11}{2})$	$\sqrt{13}$	$\sqrt{11}$	$\sqrt{2}$	$(\frac{13}{2}, -\frac{11}{2})$
$(\frac{11}{2}, \frac{11}{2})$	$\sqrt{13}$	$-\sqrt{2}$	$\sqrt{11}$	$-(\frac{11}{2}, -\frac{11}{2})$
	D	$(\frac{11}{2}, -\frac{9}{2})(1, -1)$	$(\frac{11}{2}, -\frac{11}{2})(1, 0)$	
$m = \pm \frac{9}{2}$	D	$(\frac{11}{2}, \frac{7}{2})(1, 1)$	$(\frac{11}{2}, \frac{9}{2})(1, 0)$	$(\frac{11}{2}, \frac{11}{2})(1, -1)$
$(\frac{13}{2}, \frac{9}{2})$	$\sqrt{78}$	$\sqrt{55}$	$\sqrt{22}$	1
$(\frac{11}{2}, \frac{9}{2})$	$\sqrt{143}$	$-\sqrt{40}$	9	$\sqrt{22}$
$(\frac{9}{2}, \frac{9}{2})$	$\sqrt{66}$	1	$-\sqrt{10}$	$\sqrt{55}$
	D	$(\frac{11}{2}, -\frac{7}{2})(1, -1)$	$(\frac{11}{2}, -\frac{9}{2})(1, 0)$	$(\frac{11}{2}, -\frac{11}{2})(1, 1)$

$m = \pm \frac{7}{2}$	D	$(\frac{11}{2}, \frac{5}{2})(1, 1)$	$(\frac{11}{2}, \frac{7}{2})(1, 0)$	$(\frac{11}{2}, \frac{9}{2})(1, -1)$	$(\frac{13}{2}, -\frac{7}{2})$
$(\frac{13}{2}, \frac{7}{2})$	$\sqrt{26}$	$\sqrt{15}$	$\sqrt{10}$	1	$(\frac{13}{2}, -\frac{7}{2})$
$(\frac{11}{2}, \frac{7}{2})$	$\sqrt{143}$	$-\sqrt{54}$	7	$\sqrt{40}$	$-(\frac{11}{2}, -\frac{7}{2})$
$(\frac{9}{2}, \frac{7}{2})$	$\sqrt{22}$	1	$-\sqrt{6}$	$\sqrt{15}$	$(\frac{9}{2}, -\frac{7}{2})$
	D	$(\frac{11}{2}, -\frac{5}{2})(1, -1)$	$(\frac{11}{2}, -\frac{7}{2})(1, 0)$	$(\frac{11}{2}, -\frac{9}{2})(1, 1)$	
$m = \pm \frac{5}{2}$	D	$(\frac{11}{2}, \frac{3}{2})(1, 1)$	$(\frac{11}{2}, \frac{5}{2})(1, 0)$	$(\frac{11}{2}, \frac{7}{2})(1, -1)$	$(\frac{13}{2}, -\frac{5}{2})$
$(\frac{13}{2}, \frac{5}{2})$	$\sqrt{13}$	$\sqrt{6}$	$\sqrt{6}$	1	$(\frac{13}{2}, -\frac{5}{2})$
$(\frac{11}{2}, \frac{5}{2})$	$\sqrt{143}$	-8	5	$\sqrt{54}$	$-(\frac{11}{2}, -\frac{5}{2})$
$(\frac{9}{2}, \frac{5}{2})$	$\sqrt{11}$	1	-2	$\sqrt{6}$	$(\frac{9}{2}, -\frac{5}{2})$
	D	$(\frac{11}{2}, -\frac{3}{2})(1, -1)$	$(\frac{11}{2}, -\frac{5}{2})(1, 0)$	$(\frac{11}{2}, -\frac{7}{2})(1, 1)$	
$m = \pm \frac{3}{2}$	D	$(\frac{11}{2}, \frac{1}{2})(1, 1)$	$(\frac{11}{2}, \frac{3}{2})(1, 0)$	$(\frac{11}{2}, \frac{5}{2})(1, -1)$	$(\frac{13}{2}, -\frac{3}{2})$
$(\frac{13}{2}, \frac{3}{2})$	$\sqrt{39}$	$\sqrt{14}$	$\sqrt{20}$	$\sqrt{5}$	$(\frac{13}{2}, -\frac{3}{2})$
$(\frac{11}{2}, \frac{3}{2})$	$\sqrt{143}$	$-\sqrt{70}$	3	8	$-(\frac{11}{2}, -\frac{3}{2})$
$(\frac{9}{2}, \frac{3}{2})$	$\sqrt{39}$	$\sqrt{5}$	-4	$\sqrt{18}$	$(\frac{9}{2}, -\frac{3}{2})$
	D	$(\frac{11}{2}, -\frac{1}{2})(1, -1)$	$(\frac{11}{2}, -\frac{3}{2})(1, 0)$	$(\frac{11}{2}, -\frac{5}{2})(1, 1)$	
$m = \pm \frac{1}{2}$	D	$(\frac{11}{2}, -\frac{1}{2})(1, 1)$	$(\frac{11}{2}, \frac{1}{2})(1, 0)$	$(\frac{11}{2}, \frac{3}{2})(1, -1)$	$(\frac{13}{2}, -\frac{1}{2})$
$(\frac{13}{2}, \frac{1}{2})$	$\sqrt{26}$	$\sqrt{7}$	$\sqrt{14}$	$\sqrt{5}$	$(\frac{13}{2}, -\frac{1}{2})$
$(\frac{11}{2}, \frac{1}{2})$	$\sqrt{143}$	$-\sqrt{72}$	1	$\sqrt{70}$	$-(\frac{11}{2}, -\frac{1}{2})$
$(\frac{9}{2}, \frac{1}{2})$	$\sqrt{22}$	$\sqrt{5}$	$-\sqrt{10}$	$\sqrt{7}$	$(\frac{9}{2}, -\frac{1}{2})$
	D	$(\frac{11}{2}, \frac{1}{2})(1, -1)$	$(\frac{11}{2}, -\frac{1}{2})(1, 0)$	$(\frac{11}{2}, -\frac{3}{2})(1, 1)$	

$j' = \mathbf{1}$	$j = \mathbf{6}$			
$m = \pm 6$	D	$(6, 5)(1, 1)$	$(6, 6)(1, 0)$	
$(7, 6)$	$\sqrt{7}$	$\sqrt{6}$	-1	$(7, -6)$
$(6, 6)$	$\sqrt{7}$	-1	$\sqrt{6}$	$-(6, -6)$
	D	$(6, -5)(1, -1)$	$(6, -6)(1, 0)$	
$m = \pm 5$	D	$(6, 4)(1, 1)$	$(6, 5)(1, 0)$	$(6, 6)(1, -1)$
$(7, 5)$	$\sqrt{91}$	$\sqrt{66}$	$\sqrt{24}$	1
$(6, 5)$	$\sqrt{42}$	$-\sqrt{11}$	5	$\sqrt{6}$
$(5, 5)$	$\sqrt{78}$	1	$-\sqrt{11}$	$\sqrt{66}$
	D	$(6, -4)(1, -1)$	$(6, -5)(1, 0)$	$(6, -6)(1, 1)$

$m = \pm 4$	D	(6, 3)(1, 1)	(6, 4)(1, 0)	(6, 5)(1, -1)	
(7, 4)	$\sqrt{91}$	$\sqrt{55}$	$\sqrt{33}$	$\sqrt{3}$	(7, -4)
(6, 4)	$\sqrt{42}$	$-\sqrt{15}$	4	$\sqrt{11}$	-(6, -4)
(5, 4)	$\sqrt{78}$	$\sqrt{3}$	$-\sqrt{20}$	$\sqrt{55}$	(5, -4)
	D	(6, -3)(1, -1)	(6, -4)(1, 0)	(6, -5)(1, 1)	
$m = \pm 3$	D	(6, 2)(1, 1)	(6, 3)(1, 0)	(6, 4)(1, -1)	
(7, 3)	$\sqrt{91}$	$\sqrt{45}$	$\sqrt{40}$	$\sqrt{6}$	(7, -3)
(6, 3)	$\sqrt{14}$	$-\sqrt{6}$	$\sqrt{3}$	$\sqrt{5}$	-(6, -3)
(5, 3)	$\sqrt{26}$	$\sqrt{2}$	-3	$\sqrt{15}$	(5, -3)
	D	(6, -2)(1, -1)	(6, -3)(1, 0)	(6, -4)(1, 1)	
$m = \pm 2$	D	(6, 1)(1, 1)	(6, 2)(1, 0)	(6, 3)(1, -1)	
(7, 2)	$\sqrt{91}$	6	$\sqrt{45}$	$\sqrt{10}$	(7, -2)
(6, 2)	$\sqrt{21}$	$-\sqrt{10}$	$\sqrt{2}$	3	-(6, -2)
(5, 2)	$\sqrt{39}$	$\sqrt{5}$	-4	$\sqrt{18}$	(5, -2)
	D	(6, -1)(1, -1)	(6, -2)(1, 0)	(6, -3)(1, 1)	
$m = \pm 1$	D	(6, 0)(1, 1)	(6, 1)(1, 0)	(6, 2)(1, -1)	
(7, 1)	$\sqrt{91}$	$\sqrt{28}$	$\sqrt{48}$	$\sqrt{15}$	(7, -1)
(6, 1)	$\sqrt{42}$	$-\sqrt{21}$	1	$\sqrt{20}$	-(6, -1)
(5, 1)	$\sqrt{78}$	$\sqrt{15}$	$-\sqrt{35}$	$\sqrt{28}$	(5, -1)
	D	(6, 0)(1, -1)	(6, -1)(1, 0)	(6, -2)(1, 1)	
$m = 0$	D	(6, -1)(1, 1)	(6, 0)(1, 0)	(6, 1)(1, -1)	
(7, 0)	$\sqrt{13}$	$\sqrt{3}$	$\sqrt{7}$	$\sqrt{3}$	
(6, 0)	$\sqrt{2}$	-1	0	1	
(5, 0)	$\sqrt{26}$	$\sqrt{7}$	$-\sqrt{12}$	$\sqrt{7}$	

$j' = 3/2 \quad j = 5$

$m = \pm \frac{11}{2}$	D	$(5, 4)\left(\frac{3}{2}, \frac{3}{2}\right)$	$(5, 5)\left(\frac{3}{2}, \frac{1}{2}\right)$	
$\left(\frac{13}{2}, \frac{11}{2}\right)$	$\sqrt{13}$	$\sqrt{10}$	$\sqrt{3}$	$\left(\frac{13}{2}, -\frac{11}{2}\right)$
$\left(\frac{11}{2}, \frac{11}{2}\right)$	$\sqrt{13}$	$-\sqrt{3}$	$\sqrt{10}$	$\left(\frac{11}{2}, -\frac{11}{2}\right)$
	D	$(5, -4)\left(\frac{3}{2}, -\frac{3}{2}\right)$	$(5, -5)\left(\frac{3}{2}, \frac{1}{2}\right)$	

$m = \pm \frac{9}{2}$	D	$(5, 3)\left(\frac{3}{2}, \frac{3}{2}\right)$	$(5, 4)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(5, 5)\left(\frac{3}{2}, -\frac{1}{2}\right)$	
$\left(\frac{13}{2}, \frac{9}{2}\right)$	$\sqrt{26}$	$\sqrt{15}$	$\sqrt{10}$	1	$\left(\frac{13}{2}, -\frac{9}{2}\right)$
$\left(\frac{11}{2}, \frac{9}{2}\right)$	$\sqrt{143}$	$-\sqrt{54}$	7	$\sqrt{40}$	$-\left(\frac{11}{2}, -\frac{9}{2}\right)$
$\left(\frac{9}{2}, \frac{9}{2}\right)$	$\sqrt{22}$	1	$-\sqrt{6}$	$\sqrt{15}$	$\left(\frac{9}{2}, -\frac{9}{2}\right)$
	D	$(5, -3)\left(\frac{3}{2}, -\frac{3}{2}\right)$	$(5, -4)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(5, -5)\left(\frac{3}{2}, \frac{1}{2}\right)$	
$m = \pm \frac{7}{2}$	D	$(5, 2)\left(\frac{3}{2}, \frac{3}{2}\right)$	$(5, 3)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(5, 4)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(5, 5)\left(\frac{3}{2}, -\frac{3}{2}\right)$
$\left(\frac{13}{2}, \frac{7}{2}\right)$	$\sqrt{286}$	$\sqrt{120}$	$\sqrt{135}$	$\sqrt{30}$	1
$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\sqrt{715}$	$-\sqrt{324}$	$\sqrt{72}$	17	$\sqrt{30}$
$\left(\frac{9}{2}, \frac{7}{2}\right)$	$\sqrt{66}$	$\sqrt{8}$	-5	$\sqrt{18}$	$\sqrt{15}$
$\left(\frac{7}{2}, \frac{7}{2}\right)$	$\sqrt{165}$	-1	$\sqrt{8}$	-6	$\sqrt{120}$
	D	$(5, -2)\left(\frac{3}{2}, -\frac{3}{2}\right)$	$(5, -3)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(5, -4)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(5, -5)\left(\frac{3}{2}, \frac{3}{2}\right)$
$m = \pm \frac{5}{2}$	D	$(5, 1)\left(\frac{3}{2}, \frac{3}{2}\right)$	$(5, 2)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(5, 3)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(5, 4)\left(\frac{3}{2}, -\frac{3}{2}\right)$
$\left(\frac{13}{2}, \frac{5}{2}\right)$	$\sqrt{143}$	$\sqrt{42}$	$\sqrt{72}$	$\sqrt{27}$	$\sqrt{2}$
$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\sqrt{715}$	$-\sqrt{336}$	2	$\sqrt{294}$	9
$\left(\frac{9}{2}, \frac{5}{2}\right)$	$\sqrt{33}$	$\sqrt{7}$	$-\sqrt{12}$	$\sqrt{2}$	$\sqrt{12}$
$\left(\frac{7}{2}, \frac{5}{2}\right)$	$\sqrt{165}$	-2	$\sqrt{21}$	$-\sqrt{56}$	$\sqrt{84}$
	D	$(5, -1)\left(\frac{3}{2}, -\frac{3}{2}\right)$	$(5, -2)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(5, -3)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(5, -4)\left(\frac{3}{2}, \frac{3}{2}\right)$
$m = \pm \frac{3}{2}$	D	$(5, 0)\left(\frac{3}{2}, \frac{3}{2}\right)$	$(5, 1)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(5, 2)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(5, 3)\left(\frac{3}{2}, -\frac{3}{2}\right)$
$\left(\frac{13}{2}, \frac{3}{2}\right)$	$\sqrt{143}$	$\sqrt{28}$	$\sqrt{70}$	$\sqrt{40}$	$\sqrt{5}$
$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\sqrt{715}$	$-\sqrt{315}$	$-\sqrt{14}$	$\sqrt{242}$	12
$\left(\frac{9}{2}, \frac{3}{2}\right)$	$\sqrt{33}$	$\sqrt{10}$	-3	0	$\sqrt{14}$
$\left(\frac{7}{2}, \frac{3}{2}\right)$	$\sqrt{165}$	$-\sqrt{10}$	6	$-\sqrt{63}$	$\sqrt{56}$
	D	$(5, 0)\left(\frac{3}{2}, -\frac{3}{2}\right)$	$(5, -1)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(5, -2)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(5, -3)\left(\frac{3}{2}, \frac{3}{2}\right)$
$m = \pm \frac{1}{2}$	D	$(5, -1)\left(\frac{3}{2}, \frac{3}{2}\right)$	$(5, 0)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(5, 1)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(5, 2)\left(\frac{3}{2}, -\frac{3}{2}\right)$
$\left(\frac{13}{2}, \frac{1}{2}\right)$	$\sqrt{286}$	$\sqrt{35}$	$\sqrt{126}$	$\sqrt{105}$	$\sqrt{20}$
$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\sqrt{143}$	$-\sqrt{54}$	$-\sqrt{15}$	$\sqrt{32}$	$\sqrt{42}$
$\left(\frac{9}{2}, \frac{1}{2}\right)$	$\sqrt{66}$	5	$-\sqrt{10}$	$-\sqrt{3}$	$\sqrt{28}$
$\left(\frac{7}{2}, \frac{1}{2}\right)$	$\sqrt{33}$	-2	$\sqrt{10}$	$-\sqrt{12}$	$\sqrt{7}$
	D	$(5, 1)\left(\frac{3}{2}, -\frac{3}{2}\right)$	$(5, 0)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(5, -1)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(5, -2)\left(\frac{3}{2}, \frac{3}{2}\right)$

$j' = 3/2$ $j = 11/2$
 $m = \pm 6$

	D	$(\frac{11}{2}, \frac{9}{2})(\frac{3}{2}, \frac{3}{2})$	$(\frac{11}{2}, \frac{11}{2})(\frac{3}{2}, \frac{1}{2})$	
(7, 6)	$\sqrt{14}$	$\sqrt{11}$	$\sqrt{3}$	(7, -6)
(6, 6)	$\sqrt{14}$	$-\sqrt{3}$	$\sqrt{11}$	-(6, -6)
	D	$(\frac{11}{2}, -\frac{9}{2})(\frac{3}{2}, -\frac{3}{2})$	$(\frac{11}{2}, -\frac{11}{2})(\frac{3}{2}, -\frac{1}{2})$	

 $m = \pm 5$

	D	$(\frac{11}{2}, \frac{7}{2})(\frac{3}{2}, \frac{3}{2})$	$(\frac{11}{2}, \frac{9}{2})(\frac{3}{2}, \frac{1}{2})$	$(\frac{11}{2}, \frac{11}{2})(\frac{3}{2}, -\frac{1}{2})$	
(7, 5)	$\sqrt{91}$	$\sqrt{55}$	$\sqrt{33}$	$\sqrt{3}$	(7, -5)
(6, 5)	$\sqrt{42}$	$-\sqrt{15}$	4	$\sqrt{11}$	-(6, -5)
(5, 5)	$\sqrt{78}$	$\sqrt{3}$	$-\sqrt{20}$	$\sqrt{55}$	(5, -5)
	D	$(\frac{11}{2}, -\frac{7}{2})(\frac{3}{2}, -\frac{3}{2})$	$(\frac{11}{2}, -\frac{9}{2})(\frac{3}{2}, -\frac{1}{2})$	$(\frac{11}{2}, -\frac{11}{2})(\frac{3}{2}, \frac{1}{2})$	

 $m = \pm 4$

	D	$(\frac{11}{2}, \frac{5}{2})(\frac{3}{2}, \frac{3}{2})$	$(\frac{11}{2}, \frac{7}{2})(\frac{3}{2}, \frac{1}{2})$	$(\frac{11}{2}, \frac{9}{2})(\frac{3}{2}, -\frac{1}{2})$	$(\frac{11}{2}, \frac{11}{2})(\frac{3}{2}, -\frac{3}{2})$	
(7, 4)	$\sqrt{364}$	$\sqrt{165}$	$\sqrt{165}$	$\sqrt{33}$	1	(7, -4)
(6, 4)	$\sqrt{924}$	$-\sqrt{405}$	$\sqrt{125}$	19	$\sqrt{33}$	-(6, -4)
(5, 4)	$\sqrt{780}$	9	-17	$\sqrt{245}$	$\sqrt{165}$	(5, -4)
(4, 4)	$\sqrt{220}$	-1	3	$-\sqrt{45}$	$\sqrt{165}$	-(4, -4)
	D	$(\frac{11}{2}, -\frac{5}{2})(\frac{3}{2}, -\frac{3}{2})$	$(\frac{11}{2}, -\frac{7}{2})(\frac{3}{2}, -\frac{1}{2})$	$(\frac{11}{2}, -\frac{9}{2})(\frac{3}{2}, \frac{1}{2})$	$(\frac{11}{2}, -\frac{11}{2})(\frac{3}{2}, \frac{3}{2})$	

 $m = \pm 3$

	D	$(\frac{11}{2}, \frac{3}{2})(\frac{3}{2}, \frac{3}{2})$	$(\frac{11}{2}, \frac{5}{2})(\frac{3}{2}, \frac{1}{2})$	$(\frac{11}{2}, \frac{7}{2})(\frac{3}{2}, -\frac{1}{2})$	$(\frac{11}{2}, \frac{9}{2})(\frac{3}{2}, -\frac{3}{2})$	
(7, 3)	$\sqrt{91}$	$\sqrt{30}$	$\sqrt{45}$	$\sqrt{15}$	1	(7, -3)
(6, 3)	$\sqrt{154}$	$-\sqrt{72}$	$\sqrt{3}$	8	$\sqrt{15}$	-(6, -3)
(5, 3)	$\sqrt{130}$	$\sqrt{24}$	-7	$\sqrt{12}$	$\sqrt{45}$	(5, -3)
(4, 3)	$\sqrt{55}$	-1	$\sqrt{6}$	$-\sqrt{18}$	$\sqrt{30}$	-(4, -3)
	D	$(\frac{11}{2}, -\frac{3}{2})(\frac{3}{2}, -\frac{3}{2})$	$(\frac{11}{2}, -\frac{5}{2})(\frac{3}{2}, -\frac{1}{2})$	$(\frac{11}{2}, -\frac{7}{2})(\frac{3}{2}, \frac{1}{2})$	$(\frac{11}{2}, -\frac{9}{2})(\frac{3}{2}, \frac{3}{2})$	

 $m = \pm 2$

	D	$(\frac{11}{2}, \frac{1}{2})(\frac{3}{2}, \frac{3}{2})$	$(\frac{11}{2}, \frac{3}{2})(\frac{3}{2}, \frac{1}{2})$	$(\frac{11}{2}, \frac{5}{2})(\frac{3}{2}, -\frac{1}{2})$	$(\frac{11}{2}, \frac{7}{2})(\frac{3}{2}, -\frac{3}{2})$	
(7, 2)	$\sqrt{182}$	$\sqrt{42}$	$\sqrt{90}$	$\sqrt{45}$	$\sqrt{5}$	(7, -2)
(6, 2)	$\sqrt{462}$	$-\sqrt{210}$	$-\sqrt{2}$	13	9	-(6, -2)
(5, 2)	$\sqrt{390}$	$\sqrt{105}$	-11	$\sqrt{2}$	$\sqrt{162}$	(5, -2)
(4, 2)	$\sqrt{110}$	$-\sqrt{5}$	$\sqrt{21}$	$-\sqrt{42}$	$\sqrt{42}$	-(4, -2)
	D	$(\frac{11}{2}, -\frac{1}{2})(\frac{3}{2}, -\frac{3}{2})$	$(\frac{11}{2}, -\frac{3}{2})(\frac{3}{2}, -\frac{1}{2})$	$(\frac{11}{2}, -\frac{5}{2})(\frac{3}{2}, \frac{1}{2})$	$(\frac{11}{2}, -\frac{7}{2})(\frac{3}{2}, \frac{3}{2})$	

$m = \pm 1$

	D	$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{3}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{3}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)\left(\frac{3}{2}, -\frac{3}{2}\right)$	
(7, 1)	$\sqrt{91}$	$\sqrt{14}$	$\sqrt{42}$	$\sqrt{30}$	$\sqrt{5}$	(7, -1)
(6, 1)	$\sqrt{462}$	$-\sqrt{189}$	$-\sqrt{28}$	$\sqrt{125}$	$\sqrt{120}$	(6, -1)
(5, 1)	$\sqrt{390}$	$\sqrt{135}$	$-\sqrt{80}$	$-\sqrt{7}$	$\sqrt{168}$	(5, -1)
(4, 1)	$\sqrt{55}$	$-\sqrt{5}$	$\sqrt{15}$	$-\sqrt{21}$	$\sqrt{14}$	(4, -1)
	D	$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{3}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)\left(\frac{3}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)\left(\frac{3}{2}, \frac{3}{2}\right)$	

 $m = 0$

	D	$\left(\frac{11}{2}, -\frac{3}{2}\right)\left(\frac{3}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{3}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)\left(\frac{3}{2}, -\frac{3}{2}\right)$	
(7, 0)	$\sqrt{52}$	$\sqrt{5}$	$\sqrt{21}$	$\sqrt{21}$	$\sqrt{5}$	
(6, 0)	$\sqrt{44}$	$-\sqrt{15}$	$-\sqrt{7}$	$\sqrt{7}$	$\sqrt{15}$	
(5, 0)	$\sqrt{52}$	$\sqrt{21}$	$-\sqrt{5}$	$-\sqrt{5}$	$\sqrt{21}$	
(4, 0)	$\sqrt{44}$	$-\sqrt{7}$	$\sqrt{15}$	$-\sqrt{15}$	$\sqrt{7}$	

 $j' = 3/2$ $j = 6$ $m = \pm \frac{13}{2}$

	D	$(6, 5)\left(\frac{3}{2}, \frac{3}{2}\right)$	$(6, 6)\left(\frac{3}{2}, \frac{1}{2}\right)$	
$\left(\frac{15}{2}, \frac{13}{2}\right)$	$\sqrt{5}$	2	1	$\left(\frac{15}{2}, -\frac{13}{2}\right)$
$\left(\frac{13}{2}, \frac{13}{2}\right)$	$\sqrt{5}$	-1	2	$-\left(\frac{13}{2}, -\frac{13}{2}\right)$
	D	$(6, -5)\left(\frac{3}{2}, -\frac{3}{2}\right)$	$(6, -6)\left(\frac{3}{2}, -\frac{1}{2}\right)$	

 $m = \pm \frac{11}{2}$

	D	$(6, 4)\left(\frac{3}{2}, \frac{3}{2}\right)$	$(6, 5)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(6, 6)\left(\frac{3}{2}, -\frac{1}{2}\right)$	
$\left(\frac{15}{2}, \frac{11}{2}\right)$	$\sqrt{35}$	$\sqrt{22}$	$\sqrt{12}$	1	$\left(\frac{15}{2}, -\frac{11}{2}\right)$
$\left(\frac{13}{2}, \frac{11}{2}\right)$	$\sqrt{65}$	$-\sqrt{22}$	$\sqrt{27}$	4	$-\left(\frac{13}{2}, -\frac{11}{2}\right)$
$\left(\frac{11}{2}, \frac{11}{2}\right)$	$\sqrt{91}$	$\sqrt{3}$	$-\sqrt{22}$	$\sqrt{66}$	$\left(\frac{11}{2}, -\frac{11}{2}\right)$
	D	$(6, -4)\left(\frac{3}{2}, -\frac{3}{2}\right)$	$(6, -5)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(6, -6)\left(\frac{3}{2}, \frac{1}{2}\right)$	

 $m = \pm \frac{9}{2}$

	D	$(6, 3)\left(\frac{3}{2}, \frac{3}{2}\right)$	$(6, 4)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(6, 5)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(6, 6)\left(\frac{3}{2}, -\frac{3}{2}\right)$	
$\left(\frac{15}{2}, \frac{9}{2}\right)$	$\sqrt{455}$	$\sqrt{220}$	$\sqrt{198}$	6	1	$\left(\frac{15}{2}, -\frac{9}{2}\right)$
$\left(\frac{13}{2}, \frac{9}{2}\right)$	$\sqrt{130}$	$-\sqrt{55}$	$\sqrt{22}$	7	2	$-\left(\frac{13}{2}, -\frac{9}{2}\right)$
$\left(\frac{11}{2}, \frac{9}{2}\right)$	$\sqrt{1001}$	$\sqrt{90}$	-19	$\sqrt{352}$	$\sqrt{198}$	$\left(\frac{11}{2}, -\frac{9}{2}\right)$
$\left(\frac{9}{2}, \frac{9}{2}\right)$	$\sqrt{286}$	-1	$\sqrt{10}$	$-\sqrt{55}$	$\sqrt{220}$	$-\left(\frac{9}{2}, -\frac{9}{2}\right)$
	D	$(6, -3)\left(\frac{3}{2}, -\frac{3}{2}\right)$	$(6, -4)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(6, -5)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(6, -6)\left(\frac{3}{2}, \frac{3}{2}\right)$	

$m = \pm \frac{7}{2}$	D	$(6, 2)\left(\frac{3}{2}, \frac{3}{2}\right)$	$(6, 3)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(6, 4)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(6, 5)\left(\frac{3}{2}, -\frac{3}{2}\right)$	
$\left(\frac{15}{2}, \frac{7}{2}\right)$	$\sqrt{455}$	$\sqrt{165}$	$\sqrt{220}$	$\sqrt{66}$	2	$\left(\frac{15}{2}, -\frac{7}{2}\right)$
$\left(\frac{13}{2}, \frac{7}{2}\right)$	$\sqrt{130}$	$-\sqrt{60}$	$\sqrt{5}$	$\sqrt{54}$	$\sqrt{11}$	$-\left(\frac{13}{2}, -\frac{7}{2}\right)$
$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\sqrt{1001}$	$\sqrt{162}$	$-\sqrt{384}$	$\sqrt{125}$	$\sqrt{330}$	$\left(\frac{11}{2}, -\frac{7}{2}\right)$
$\left(\frac{9}{2}, \frac{7}{2}\right)$	$\sqrt{286}$	-2	$\sqrt{27}$	$-\sqrt{90}$	$\sqrt{165}$	$-\left(\frac{9}{2}, -\frac{7}{2}\right)$
	D	$(6, -2)\left(\frac{3}{2}, -\frac{3}{2}\right)$	$(6, -3)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(6, -4)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(6, -5)\left(\frac{3}{2}, \frac{3}{2}\right)$	
$m = \pm \frac{5}{2}$	D	$(6, 1)\left(\frac{3}{2}, \frac{3}{2}\right)$	$(6, 2)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(6, 3)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(6, 4)\left(\frac{3}{2}, -\frac{3}{2}\right)$	
$\left(\frac{15}{2}, \frac{5}{2}\right)$	$\sqrt{91}$	$\sqrt{24}$	$\sqrt{45}$	$\sqrt{20}$	\sqrt{z}	$\left(\frac{15}{2}, -\frac{5}{2}\right)$
$\left(\frac{13}{2}, \frac{5}{2}\right)$	$\sqrt{13}$	$-\sqrt{6}$	0	$\sqrt{5}$	$\sqrt{2}$	$-\left(\frac{13}{2}, -\frac{5}{2}\right)$
$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\sqrt{1001}$	$\sqrt{240}$	$-\sqrt{338}$	$\sqrt{18}$	$\sqrt{405}$	$\left(\frac{11}{2}, -\frac{5}{2}\right)$
$\left(\frac{9}{2}, \frac{5}{2}\right)$	$\sqrt{143}$	$-\sqrt{5}$	$\sqrt{24}$	$-\sqrt{54}$	$\sqrt{60}$	$-\left(\frac{9}{2}, -\frac{5}{2}\right)$
	D	$(6, -1)\left(\frac{3}{2}, -\frac{3}{2}\right)$	$(6, -2)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(6, -3)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(6, -4)\left(\frac{3}{2}, \frac{3}{2}\right)$	
$m = \pm \frac{3}{2}$	D	$(6, 0)\left(\frac{3}{2}, \frac{3}{2}\right)$	$(6, 1)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(6, 2)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(6, 3)\left(\frac{3}{2}, -\frac{3}{2}\right)$	
$\left(\frac{15}{2}, \frac{3}{2}\right)$	$\sqrt{455}$	$\sqrt{84}$	$\sqrt{216}$	$\sqrt{135}$	$\sqrt{20}$	$\left(\frac{15}{2}, -\frac{3}{2}\right)$
$\left(\frac{13}{2}, \frac{3}{2}\right)$	$\sqrt{65}$	$-\sqrt{28}$	$-\sqrt{2}$	$\sqrt{20}$	$\sqrt{15}$	$-\left(\frac{13}{2}, -\frac{3}{2}\right)$
$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\sqrt{1001}$	$\sqrt{315}$	$-\sqrt{250}$	-2	$\sqrt{432}$	$\left(\frac{11}{2}, -\frac{3}{2}\right)$
$\left(\frac{9}{2}, \frac{3}{2}\right)$	$\sqrt{143}$	$-\sqrt{10}$	$\sqrt{35}$	$-\sqrt{56}$	$\sqrt{42}$	$-\left(\frac{9}{2}, -\frac{3}{2}\right)$
	D	$(6, 0)\left(\frac{3}{2}, -\frac{3}{2}\right)$	$(6, -1)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(6, -2)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(6, -3)\left(\frac{3}{2}, \frac{3}{2}\right)$	
$m = \pm \frac{1}{2}$	D	$(6, -1)\left(\frac{3}{2}, \frac{3}{2}\right)$	$(6, 0)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(6, 1)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(6, 2)\left(\frac{3}{2}, -\frac{3}{2}\right)$	
$\left(\frac{15}{2}, \frac{1}{2}\right)$	$\sqrt{65}$	$\sqrt{8}$	$\sqrt{28}$	$\sqrt{24}$	$\sqrt{5}$	$\left(\frac{15}{2}, -\frac{1}{2}\right)$
$\left(\frac{13}{2}, \frac{1}{2}\right)$	$\sqrt{130}$	-7	$-\sqrt{14}$	$\sqrt{27}$	$\sqrt{40}$	$-\left(\frac{13}{2}, -\frac{1}{2}\right)$
$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\sqrt{143}$	$\sqrt{54}$	$-\sqrt{21}$	$-\sqrt{8}$	$\sqrt{60}$	$\left(\frac{11}{2}, -\frac{1}{2}\right)$
$\left(\frac{9}{2}, \frac{1}{2}\right)$	$\sqrt{286}$	$-\sqrt{35}$	$\sqrt{90}$	$-\sqrt{105}$	$\sqrt{56}$	$-\left(\frac{9}{2}, -\frac{1}{2}\right)$
	D	$(6, 1)\left(\frac{3}{2}, -\frac{3}{2}\right)$	$(6, 0)\left(\frac{3}{2}, -\frac{1}{2}\right)$	$(6, -1)\left(\frac{3}{2}, \frac{1}{2}\right)$	$(6, -2)\left(\frac{3}{2}, \frac{3}{2}\right)$	

 $j' = 2$ $j = 5$ $m = \pm 6$ $(7, 6)$ $(6, 6)$ D $(5, 4)(2, 2)$ $(5, 5)(2, 1)$

$m = \pm 5$	D	(5, 3)(2, 2)	(5, 4)(2, 1)	(5, 5)(2, 0)		
(7, 5)	$\sqrt{91}$	$\sqrt{45}$	$\sqrt{40}$	$\sqrt{6}$		(7, -5)
(6, 5)	$\sqrt{14}$	$-\sqrt{6}$	$\sqrt{3}$	$\sqrt{5}$		-(6, -5)
(5, 5)	$\sqrt{26}$	$\sqrt{2}$	-3	$\sqrt{15}$		(5, -5)
	D	(5, -3)(2, -2)	(5, -4)(2, -1)	(5, -5)(2, 0)		
$m = \pm 4$	D	(5, 2)(2, 2)	(5, 3)(2, 1)	(5, 4)(2, 0)	(5, 5)(2, -1)	
(7, 4)	$\sqrt{91}$	$\sqrt{30}$	$\sqrt{45}$	$\sqrt{15}$	1	(7, -4)
(6, 4)	$\sqrt{154}$	$-\sqrt{72}$	$\sqrt{3}$	8	$\sqrt{15}$	-(6, -4)
(5, 4)	$\sqrt{130}$	$\sqrt{24}$	-7	$\sqrt{12}$	$\sqrt{45}$	(5, -4)
(4, 4)	$\sqrt{55}$	-1	$\sqrt{6}$	$-\sqrt{18}$	$\sqrt{30}$	-(4, -4)
	D	(5, -2)(2, -2)	(5, -3)(2, -1)	(5, -4)(2, 0)	(5, -5)(2, 1)	
$m = \pm 3$	D	(5, 1)(2, 2)	(5, 2)(2, 1)	(5, 3)(2, 0)	(5, 4)(2, -1)	(5, 5)(2, -2)
(7, 3)	$\sqrt{1001}$	$\sqrt{210}$	$\sqrt{480}$	$\sqrt{270}$	$\sqrt{40}$	1
(6, 3)	$\sqrt{770}$	$-\sqrt{336}$	$-\sqrt{12}$	$\sqrt{243}$	13	$\sqrt{10}$
(5, 3)	$\sqrt{390}$	$\sqrt{112}$	-10	-1	$\sqrt{147}$	$\sqrt{30}$
(4, 3)	$\sqrt{110}$	$-\sqrt{7}$	5	-6	$\sqrt{12}$	$\sqrt{30}$
(3, 3)	$\sqrt{330}$	1	$-\sqrt{7}$	$\sqrt{28}$	$-\sqrt{84}$	$\sqrt{210}$
	D	(5, -1)(2, -2)	(5, -2)(2, -1)	(5, -3)(2, 0)	(5, -4)(2, 1)	(5, -5)(2, 2)
$m = \pm 2$	D	(5, 0)(2, 2)	(5, 1)(2, 1)	(5, 2)(2, 0)	(5, 3)(2, -1)	(5, 4)(2, -2)
(7, 2)	$\sqrt{1001}$	$\sqrt{126}$	$\sqrt{420}$	$\sqrt{360}$	$\sqrt{90}$	$\sqrt{5}$
(6, 2)	$\sqrt{385}$	$-\sqrt{140}$	$-\sqrt{42}$	8	11	$\sqrt{18}$
(5, 2)	$\sqrt{195}$	$\sqrt{70}$	$-\sqrt{21}$	$-\sqrt{18}$	$\sqrt{50}$	6
(4, 2)	$\sqrt{110}$	$-\sqrt{15}$	$\sqrt{32}$	$-\sqrt{21}$	0	$\sqrt{42}$
(3, 2)	$\sqrt{330}$	$\sqrt{5}$	$-\sqrt{24}$	$\sqrt{63}$	$-\sqrt{112}$	$\sqrt{126}$
	D	(5, 0)(2, -2)	(5, -1)(2, -1)	(5, -2)(2, 0)	(5, -3)(2, 1)	(5, -4)(2, 2)
$m = \pm 1$	D	(5, -1)(2, 2)	(5, 0)(2, 1)	(5, 1)(2, 0)	(5, 2)(2, -1)	(5, 3)(2, -2)
(7, 1)	$\sqrt{1001}$	$\sqrt{70}$	$\sqrt{336}$	$\sqrt{420}$	$\sqrt{160}$	$\sqrt{15}$
(6, 1)	$\sqrt{154}$	$-\sqrt{42}$	$-\sqrt{35}$	$\sqrt{7}$	$\sqrt{54}$	4
(5, 1)	$\sqrt{390}$	$\sqrt{150}$	$-\sqrt{5}$	-9	$\sqrt{42}$	$\sqrt{112}$
(4, 1)	$\sqrt{110}$	$-\sqrt{25}$	$\sqrt{30}$	$-\sqrt{6}$	$-\sqrt{7}$	$\sqrt{42}$
(3, 1)	$\sqrt{66}$	$\sqrt{3}$	$-\sqrt{10}$	$\sqrt{18}$	$-\sqrt{21}$	$\sqrt{14}$
	D	(5, 1)(2, -2)	(5, 0)(2, -1)	(5, -1)(2, 0)	(5, -2)(2, 1)	(5, -3)(2, 2)

$m=0$

	D	(5, -2)(2, 2)	(5, -1)(2, 1)	(5, 0)(2, 0)	(5, 1)(2, -1)	(5, 2)(2, -2)
(7, 0)	$\sqrt{143}$	$\sqrt{5}$	$\sqrt{35}$	$\sqrt{63}$	$\sqrt{35}$	$\sqrt{5}$
(6, 0)	$\sqrt{22}$	-2	$-\sqrt{7}$	0	$\sqrt{7}$	2
(5, 0)	$\sqrt{78}$	$\sqrt{28}$	1	$-\sqrt{20}$	1	$\sqrt{28}$
(4, 0)	$\sqrt{22}$	$-\sqrt{7}$	2	0	-2	$\sqrt{7}$
(3, 0)	$\sqrt{66}$	$\sqrt{7}$	-4	$\sqrt{20}$	-4	$\sqrt{7}$

 $j'=2$ $m = \pm \frac{13}{2}$ $j=11/2$

	D	$\left(\frac{11}{2}, \frac{9}{2}\right)(2, 2)$	$\left(\frac{11}{2}, \frac{11}{2}\right)(2, 1)$	
$\left(\frac{15}{2}, \frac{13}{2}\right)$	$\sqrt{15}$	$\sqrt{11}$	2	$\left(\frac{15}{2}, -\frac{13}{2}\right)$
$\left(\frac{13}{2}, \frac{13}{2}\right)$	$\sqrt{15}$	-2	$\sqrt{11}$	$-\left(\frac{13}{2}, -\frac{13}{2}\right)$
	D	$\left(\frac{11}{2}, -\frac{9}{2}\right)(2, -2)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)(2, -1)$	

 $m = \pm \frac{11}{2}$

	D	$\left(\frac{11}{2}, \frac{7}{2}\right)(2, 2)$	$\left(\frac{11}{2}, \frac{9}{2}\right)(2, 1)$	$\left(\frac{11}{2}, \frac{11}{2}\right)(2, 0)$	
$\left(\frac{15}{2}, \frac{11}{2}\right)$	$\sqrt{105}$	$\sqrt{55}$	$\sqrt{44}$	$\sqrt{6}$	$\left(\frac{15}{2}, -\frac{11}{2}\right)$
$\left(\frac{13}{2}, \frac{11}{2}\right)$	$\sqrt{195}$	$-\sqrt{80}$	7	$\sqrt{66}$	$-\left(\frac{13}{2}, -\frac{11}{2}\right)$
$\left(\frac{11}{2}, \frac{11}{2}\right)$	$\sqrt{91}$	$\sqrt{6}$	$-\sqrt{30}$	$\sqrt{55}$	$\left(\frac{11}{2}, -\frac{11}{2}\right)$
	D	$\left(\frac{11}{2}, -\frac{7}{2}\right)(2, -2)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)(2, -1)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)(2, 0)$	

 $m = \pm \frac{9}{2}$

	D	$\left(\frac{11}{2}, \frac{5}{2}\right)(2, 2)$	$\left(\frac{11}{2}, \frac{7}{2}\right)(2, 1)$	$\left(\frac{11}{2}, \frac{9}{2}\right)(2, 0)$	$\left(\frac{11}{2}, \frac{11}{2}\right)(2, -1)$	
$\left(\frac{15}{2}, \frac{9}{2}\right)$	$\sqrt{455}$	$\sqrt{165}$	$\sqrt{220}$	$\sqrt{66}$	2	$\left(\frac{15}{2}, -\frac{9}{2}\right)$
$\left(\frac{13}{2}, \frac{9}{2}\right)$	$\sqrt{130}$	$-\sqrt{60}$	$\sqrt{5}$	$\sqrt{54}$	$\sqrt{11}$	$-\left(\frac{13}{2}, -\frac{9}{2}\right)$
$\left(\frac{11}{2}, \frac{9}{2}\right)$	$\sqrt{1001}$	$\sqrt{162}$	$-\sqrt{384}$	$\sqrt{125}$	$\sqrt{330}$	$\left(\frac{11}{2}, -\frac{9}{2}\right)$
$\left(\frac{9}{2}, \frac{9}{2}\right)$	$\sqrt{286}$	-2	$\sqrt{27}$	$-\sqrt{90}$	$\sqrt{165}$	$-\left(\frac{9}{2}, -\frac{9}{2}\right)$
	D	$\left(\frac{11}{2}, -\frac{5}{2}\right)(2, -2)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)(2, -1)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)(2, 0)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)(2, 1)$	

$m = \pm \frac{7}{2}$	D	$(\frac{11}{2}, \frac{3}{2})(2, 2)$	$(\frac{11}{2}, \frac{5}{2})(2, 1)$	$(\frac{11}{2}, \frac{7}{2})(2, 0)$
$(\frac{15}{2}, \frac{7}{2})$	$\sqrt{1365}$	$\sqrt{330}$	$\sqrt{660}$	$\sqrt{330}$
$(\frac{13}{2}, \frac{7}{2})$	$\sqrt{4290}$	$-\sqrt{1920}$	$-\sqrt{15}$	$\sqrt{1470}$
$(\frac{11}{2}, \frac{7}{2})$	$\sqrt{5005}$	$\sqrt{1296}$	$-\sqrt{1458}$	1
$(\frac{9}{2}, \frac{7}{2})$	$\sqrt{2574}$	$-\sqrt{128}$	23	$-\sqrt{882}$
$(\frac{7}{2}, \frac{7}{2})$	$\sqrt{495}$	1	$-\sqrt{8}$	6
D	$(\frac{11}{2}, -\frac{3}{2})(2, -2)$	$(\frac{11}{2}, -\frac{5}{2})(2, -1)$	$(\frac{11}{2}, -\frac{7}{2})(2, 0)$	
	$(\frac{11}{2}, \frac{9}{2})(2, -1)$	$(\frac{11}{2}, \frac{11}{2})(2, -2)$		
	$\sqrt{44}$	1		$(\frac{15}{2}, -\frac{7}{2})$
	29	$\sqrt{44}$		$-(\frac{13}{2}, -\frac{7}{2})$
	$\sqrt{1920}$	$\sqrt{330}$		$(\frac{11}{2}, -\frac{7}{2})$
	$\sqrt{375}$	$\sqrt{660}$		$-(\frac{9}{2}, -\frac{7}{2})$
	$-\sqrt{120}$	$\sqrt{330}$		$(\frac{7}{2}, -\frac{7}{2})$
	$(\frac{11}{2}, -\frac{9}{2})(2, 1)$	$(\frac{11}{2}, -\frac{11}{2})(2, 2)$		

$m = \pm \frac{5}{2}$	D	$(\frac{11}{2}, \frac{1}{2})(2, 2)$	$(\frac{11}{2}, \frac{3}{2})(2, 1)$	$(\frac{11}{2}, \frac{5}{2})(2, 0)$
$(\frac{15}{2}, \frac{5}{2})$	$\sqrt{273}$	$\sqrt{42}$	$\sqrt{120}$	$\sqrt{90}$
$(\frac{13}{2}, \frac{5}{2})$	$\sqrt{429}$	$-\sqrt{168}$	$-\sqrt{30}$	$\sqrt{90}$
$(\frac{11}{2}, \frac{5}{2})$	$\sqrt{5005}$	$\sqrt{1680}$	$-\sqrt{768}$	$-\sqrt{289}$
$(\frac{9}{2}, \frac{5}{2})$	$\sqrt{1287}$	$-\sqrt{140}$	19	$-\sqrt{300}$
$(\frac{7}{2}, \frac{5}{2})$	$\sqrt{495}$	$\sqrt{5}$	$-\sqrt{28}$	$\sqrt{84}$
D	$(\frac{11}{2}, -\frac{1}{2})(2, -2)$	$(\frac{11}{2}, -\frac{3}{2})(2, -1)$	$(\frac{11}{2}, -\frac{5}{2})(2, 0)$	
	$(\frac{11}{2}, \frac{7}{2})(2, -1)$	$(\frac{11}{2}, \frac{9}{2})(2, -2)$		
	$\sqrt{20}$	1		$(\frac{15}{2}, -\frac{5}{2})$
	$\sqrt{125}$	4		$-(\frac{13}{2}, -\frac{5}{2})$
	$\sqrt{1458}$	$\sqrt{810}$		$(\frac{11}{2}, -\frac{5}{2})$
	$\sqrt{6}$	$\sqrt{480}$		$-(\frac{9}{2}, -\frac{5}{2})$
	$-\sqrt{168}$	$\sqrt{210}$		$(\frac{7}{2}, -\frac{5}{2})$
	$(\frac{11}{2}, -\frac{7}{2})(2, 1)$	$(\frac{11}{2}, -\frac{9}{2})(2, 2)$		

$m = \pm \frac{3}{2}$	D	$(\frac{11}{2}, -\frac{1}{2})(2, 2)$	$(\frac{11}{2}, \frac{1}{2})(2, 1)$	$(\frac{11}{2}, \frac{3}{2})(2, 0)$	
$(\frac{15}{2}, \frac{3}{2})$	$\sqrt{455}$	$\sqrt{42}$	$\sqrt{168}$	$\sqrt{180}$	
$(\frac{13}{2}, \frac{3}{2})$	$\sqrt{715}$	$-\sqrt{224}$	$-\sqrt{126}$	$\sqrt{60}$	
$(\frac{11}{2}, \frac{3}{2})$	$\sqrt{5005}$	$\sqrt{1890}$	$-\sqrt{210}$	-29	
$(\frac{9}{2}, \frac{3}{2})$	$\sqrt{429}$	$-\sqrt{80}$	$\sqrt{125}$	$-\sqrt{42}$	
$(\frac{7}{2}, \frac{3}{2})$	$\sqrt{165}$	$\sqrt{5}$	$-\sqrt{20}$	$\sqrt{42}$	
D		$(\frac{11}{2}, \frac{1}{2})(2, -2)$	$(\frac{11}{2}, -\frac{1}{2})(2, -1)$	$(\frac{11}{2}, -\frac{3}{2})(2, 0)$	
		$(\frac{11}{2}, \frac{5}{2})(2, -1)$	$(\frac{11}{2}, \frac{7}{2})(2, -2)$		
		$\sqrt{60}$	$\sqrt{5}$	$(\frac{15}{2}, -\frac{3}{2})$	
		$\sqrt{245}$	$\sqrt{60}$	$-(\frac{13}{2}, -\frac{3}{2})$	
		$\sqrt{768}$	36	$(\frac{11}{2}, -\frac{3}{2})$	
		$-\sqrt{14}$	$\sqrt{168}$	$-(\frac{9}{2}, -\frac{3}{2})$	
		$-\sqrt{56}$	$\sqrt{42}$	$(\frac{7}{2}, -\frac{3}{2})$	
		$(\frac{11}{2}, -\frac{5}{2})(2, 1)$	$(\frac{11}{2}, -\frac{7}{2})(2, 2)$		

$m = \pm \frac{1}{2}$	D	$(\frac{11}{2}, -\frac{3}{2})(2, 2)$	$(\frac{11}{2}, -\frac{1}{2})(2, 1)$	$(\frac{11}{2}, \frac{1}{2})(2, 0)$	
$(\frac{15}{2}, \frac{1}{2})$	$\sqrt{195}$	$\sqrt{10}$	$\sqrt{56}$	$\sqrt{84}$	
$(\frac{13}{2}, \frac{1}{2})$	$\sqrt{4290}$	$-\sqrt{980}$	$-\sqrt{1183}$	$\sqrt{42}$	
$(\frac{11}{2}, \frac{1}{2})$	$\sqrt{143}$	$\sqrt{54}$	0	$-\sqrt{35}$	
$(\frac{9}{2}, \frac{1}{2})$	$\sqrt{2574}$	$-\sqrt{700}$	$\sqrt{605}$	$-\sqrt{30}$	
$(\frac{7}{2}, \frac{1}{2})$	$\sqrt{99}$	$\sqrt{7}$	$-\sqrt{20}$	$\sqrt{30}$	
D		$(\frac{11}{2}, \frac{3}{2})(2, -2)$	$(\frac{11}{2}, \frac{1}{2})(2, -1)$	$(\frac{11}{2}, -\frac{1}{2})(2, 0)$	
		$(\frac{11}{2}, \frac{3}{2})(2, -1)$	$(\frac{11}{2}, \frac{5}{2})(2, -2)$		
		$\sqrt{40}$	$\sqrt{5}$	$(\frac{15}{2}, -\frac{1}{2})$	
		$\sqrt{1445}$	$\sqrt{640}$	$-(\frac{13}{2}, -\frac{1}{2})$	
		$\sqrt{6}$	$\sqrt{48}$	$(\frac{11}{2}, -\frac{1}{2})$	
		$-\sqrt{343}$	$\sqrt{896}$	$-(\frac{9}{2}, -\frac{1}{2})$	
		$-\sqrt{28}$	$\sqrt{14}$	$(\frac{7}{2}, -\frac{1}{2})$	
		$(\frac{11}{2}, -\frac{3}{2})(2, 1)$	$(\frac{11}{2}, -\frac{5}{2})(2, 2)$		

$j' = 2$
 $m = \pm 7$

	D	$(6, 5)(2, 2)$	$(6, 6)(2, 1)$	
$(8, 7)$	2	$\sqrt{3}$	$\sqrt{1}$	$(8, -7)$
$(7, 7)$	2	$-\sqrt{1}$	$\sqrt{3}$	$-(7, -7)$
	D	$(6, -5)(2, -2)$	$(6, -6)(2, -1)$	

$m = \pm 6$

	D	$(6, 4)(2, 2)$	$(6, 5)(2, 1)$	$(6, 6)(2, 0)$	
$(8, 6)$	$\sqrt{20}$	$\sqrt{11}$	$\sqrt{8}$	1	$(8, -6)$
$(7, 6)$	$\sqrt{28}$	$-\sqrt{11}$	$\sqrt{8}$	3	$-(7, -6)$
$(6, 6)$	$\sqrt{35}$	$\sqrt{2}$	$-\sqrt{11}$	$\sqrt{22}$	$(6, -6)$
	D	$(6, -4)(2, -2)$	$(6, -5)(2, -1)$	$(6, -6)(2, 0)$	

$m = \pm 5$

	D	$(6, 3)(2, 2)$	$(6, 4)(2, 1)$	$(6, 5)(2, 0)$	$(6, 6)(2, -1)$	
$(8, 5)$	$\sqrt{140}$	$\sqrt{55}$	$\sqrt{66}$	$\sqrt{18}$	1	$(8, -5)$
$(7, 5)$	$\sqrt{364}$	$-\sqrt{165}$	$\sqrt{22}$	$\sqrt{150}$	$\sqrt{27}$	$-(7, -5)$
$(6, 5)$	$\sqrt{70}$	$\sqrt{10}$	$-\sqrt{27}$	$\sqrt{11}$	$\sqrt{22}$	$(6, -5)$
$(5, 5)$	$\sqrt{182}$	$-\sqrt{2}$	$\sqrt{15}$	$-\sqrt{55}$	$\sqrt{110}$	$-(5, -5)$
	D	$(6, -3)(2, -2)$	$(6, -4)(2, -1)$	$(6, -5)(2, 0)$	$(6, -6)(2, 1)$	

$m = \pm 4$

	D	$(6, 2)(2, 2)$	$(6, 3)(2, 1)$	$(6, 4)(2, 0)$	$(6, 5)(2, -1)$	$(6, 6)(2, -2)$	
$(8, 4)$	$\sqrt{1820}$	$\sqrt{495}$	$\sqrt{880}$	$\sqrt{396}$	$\sqrt{48}$	1	$(8, -4)$
$(7, 4)$	$\sqrt{364}$	$-\sqrt{165}$	0	$\sqrt{132}$	8	$\sqrt{3}$	$-(7, -4)$
$(6, 4)$	$\sqrt{770}$	$\sqrt{180}$	$-\sqrt{245}$	2	$\sqrt{297}$	$\sqrt{44}$	$(6, -4)$
$(5, 4)$	$\sqrt{910}$	-6	13	$-\sqrt{320}$	$\sqrt{165}$	$\sqrt{220}$	$-(5, -4)$
$(4, 4)$	$\sqrt{715}$	1	-3	$\sqrt{45}$	$-\sqrt{165}$	$\sqrt{495}$	$(4, -4)$
	D	$(6, -2)(2, -2)$	$(6, -3)(2, -1)$	$(6, -4)(2, 0)$	$(6, -5)(2, 1)$	$(6, -6)(2, 2)$	

$m = \pm 3$

	D	$(6, 1)(2, 2)$	$(6, 2)(2, 1)$	$(6, 3)(2, 0)$	$(6, 4)(2, -1)$	$(6, 5)(2, -2)$	
$(8, 3)$	$\sqrt{364}$	$\sqrt{66}$	$\sqrt{165}$	$\sqrt{110}$	$\sqrt{22}$	1	$(8, -3)$
$(7, 3)$	$\sqrt{364}$	$-\sqrt{150}$	$-\sqrt{15}$	$\sqrt{90}$	$\sqrt{98}$	$\sqrt{11}$	$-(7, -3)$
$(6, 3)$	$\sqrt{154}$	$\sqrt{48}$	$-\sqrt{30}$	$-\sqrt{5}$	7	$\sqrt{22}$	$(6, -3)$
$(5, 3)$	$\sqrt{910}$	$-\sqrt{80}$	$\sqrt{242}$	$-\sqrt{243}$	$\sqrt{15}$	$\sqrt{330}$	$-(5, -3)$
$(4, 3)$	$\sqrt{715}$	$\sqrt{5}$	$-\sqrt{32}$	$\sqrt{108}$	$-\sqrt{240}$	$\sqrt{330}$	$(4, -3)$
	D	$(6, -1)(2, -2)$	$(6, -2)(2, -1)$	$(6, -3)(2, 0)$	$(6, -4)(2, 1)$	$(6, -5)(2, 2)$	

$m = \pm 2$	D	(6, 0)(2, 2)	(6, 1)(2, 1)	(6, 2)(2, 0)	(6, 3)(2, -1)	(6, 4)(2, -2)	
(8, 2)	$\sqrt{364}$	$\sqrt{42}$	12	$\sqrt{135}$	$\sqrt{40}$	$\sqrt{3}$	(8, -2)
(7, 2)	$\sqrt{364}$	$-\sqrt{126}$	$-\sqrt{48}$	$\sqrt{45}$	$\sqrt{120}$	5	-(7, -2)
(6, 2)	$\sqrt{77}$	$\sqrt{28}$	$-\sqrt{6}$	$-\sqrt{10}$	$\sqrt{15}$	$\sqrt{18}$	(6, -2)
(5, 2)	$\sqrt{455}$	$-\sqrt{70}$	$\sqrt{135}$	-8	$-\sqrt{6}$	$\sqrt{180}$	-(5, -2)
(4, 2)	$\sqrt{715}$	$\sqrt{15}$	$-\sqrt{70}$	$\sqrt{168}$	$-\sqrt{252}$	$\sqrt{210}$	(4, -2)
	D	(6, 0)(2, -2)	(6, -1)(2, -1)	(6, -2)(2, 0)	(6, -3)(2, 1)	(6, -4)(2, 2)	

$m = \pm 1$	D	(6, -1)(2, 2)	(6, 0)(2, 1)	(6, 1)(2, 0)	(6, 2)(2, -1)	(6, 3)(2, -2)	
(8, 1)	$\sqrt{260}$	$\sqrt{18}$	$\sqrt{84}$	$\sqrt{108}$	$\sqrt{45}$	$\sqrt{5}$	(8, -1)
(7, 1)	$\sqrt{1092}$	$-\sqrt{294}$	$-\sqrt{252}$	6	$\sqrt{375}$	$\sqrt{135}$	-(7, -1)
(6, 1)	$\sqrt{770}$	$\sqrt{294}$	$-\sqrt{7}$	-13	$\sqrt{60}$	$\sqrt{240}$	(6, -1)
(5, 1)	$\sqrt{130}$	$-\sqrt{30}$	$\sqrt{35}$	$-\sqrt{5}$	$-\sqrt{12}$	$\sqrt{48}$	-(5, -1)
(4, 1)	$\sqrt{715}$	$\sqrt{35}$	$-\sqrt{120}$	$\sqrt{210}$	$-\sqrt{224}$	$\sqrt{126}$	(4, -1)
	D	(6, 1)(2, -2)	(6, 0)(2, -1)	(6, -1)(2, 0)	(6, -2)(2, 1)	(6, -3)(2, 2)	

$m = 0$	D	(6, -2)(2, 2)	(6, -1)(2, 1)	(6, 0)(2, 0)	(6, 1)(2, -1)	(6, 2)(2, -2)	
(8, 0)	$\sqrt{130}$	$\sqrt{5}$	$\sqrt{32}$	$\sqrt{56}$	$\sqrt{32}$	$\sqrt{5}$	
(7, 0)	$\sqrt{26}$	$-\sqrt{5}$	$-\sqrt{8}$	0	$\sqrt{8}$	$\sqrt{5}$	
(6, 0)	$\sqrt{110}$	$\sqrt{40}$	1	$-\sqrt{28}$	1	$\sqrt{40}$	
(5, 0)	$\sqrt{26}$	$-\sqrt{8}$	$\sqrt{5}$	0	$-\sqrt{5}$	$\sqrt{8}$	
(4, 0)	$\sqrt{143}$	$\sqrt{14}$	$-\sqrt{35}$	$\sqrt{45}$	$-\sqrt{35}$	$\sqrt{14}$	

 $j' = 5/2$ $j = 5$

$m = \pm \frac{13}{2}$	D	$(5, 4)\left(\frac{5}{2}, \frac{5}{2}\right)$	$(5, 5)\left(\frac{5}{2}, \frac{3}{2}\right)$	
$\left(\frac{15}{2}, \frac{13}{2}\right)$	$\sqrt{3}$	$\sqrt{2}$	1	$\left(\frac{15}{2}, -\frac{13}{2}\right)$
$\left(\frac{13}{2}, \frac{13}{2}\right)$	$\sqrt{3}$	-1	$\sqrt{2}$	$-\left(\frac{13}{2}, -\frac{13}{2}\right)$
	D	$(5, -4)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$(5, -5)\left(\frac{5}{2}, -\frac{3}{2}\right)$	

 $m = \pm \frac{11}{2}$

$m = \pm \frac{11}{2}$	D	$(5, 3)\left(\frac{5}{2}, \frac{5}{2}\right)$	$(5, 4)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(5, 5)\left(\frac{5}{2}, \frac{1}{2}\right)$	
$\left(\frac{15}{2}, \frac{11}{2}\right)$	$\sqrt{21}$	3	$\sqrt{10}$	$\sqrt{2}$	$\left(\frac{15}{2}, -\frac{11}{2}\right)$
$\left(\frac{13}{2}, \frac{11}{2}\right)$	$\sqrt{39}$	$-\sqrt{18}$	$\sqrt{5}$	4	$-\left(\frac{13}{2}, -\frac{11}{2}\right)$
$\left(\frac{11}{2}, \frac{11}{2}\right)$	$\sqrt{91}$	$\sqrt{10}$	-6	$\sqrt{45}$	$\left(\frac{11}{2}, -\frac{11}{2}\right)$
	D	$(5, -3)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$(5, -4)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(5, -5)\left(\frac{5}{2}, -\frac{1}{2}\right)$	

$m = \pm \frac{9}{2}$	D	$(5, 2)\left(\frac{5}{2}, \frac{5}{2}\right)$	$(5, 3)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(5, 4)\left(\frac{5}{2}, \frac{1}{2}\right)$	$(5, 5)\left(\frac{5}{2}, -\frac{1}{2}\right)$	
$\left(\frac{15}{2}, \frac{9}{2}\right)$	$\sqrt{91}$	$\sqrt{24}$	$\sqrt{45}$	$\sqrt{20}$	$\sqrt{2}$	$\left(\frac{15}{2}, -\frac{9}{2}\right)$
$\left(\frac{13}{2}, \frac{9}{2}\right)$	$\sqrt{13}$	$-\sqrt{6}$	0	$\sqrt{5}$	$\sqrt{2}$	$-\left(\frac{13}{2}, -\frac{9}{2}\right)$
$\left(\frac{11}{2}, \frac{9}{2}\right)$	$\sqrt{1001}$	$\sqrt{240}$	$-\sqrt{338}$	$\sqrt{18}$	$\sqrt{405}$	$\left(\frac{11}{2}, -\frac{9}{2}\right)$
$\left(\frac{9}{2}, \frac{9}{2}\right)$	$\sqrt{143}$	$-\sqrt{5}$	$\sqrt{24}$	$-\sqrt{54}$	$\sqrt{60}$	$-\left(\frac{9}{2}, -\frac{9}{2}\right)$
	D	$(5, -2)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$(5, -3)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(5, -4)\left(\frac{5}{2}, -\frac{1}{2}\right)$	$(5, -5)\left(\frac{5}{2}, \frac{1}{2}\right)$	
$m = \pm \frac{7}{2}$	D	$(5, 1)\left(\frac{5}{2}, \frac{5}{2}\right)$	$(5, 2)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(5, 3)\left(\frac{5}{2}, \frac{1}{2}\right)$		
$\left(\frac{15}{2}, \frac{7}{2}\right)$	$\sqrt{273}$	$\sqrt{42}$	$\sqrt{120}$	$\sqrt{90}$		
$\left(\frac{13}{2}, \frac{7}{2}\right)$	$\sqrt{429}$	$-\sqrt{168}$	$-\sqrt{30}$	$\sqrt{90}$		
$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\sqrt{5005}$	$\sqrt{1680}$	$-\sqrt{768}$	-17		
$\left(\frac{9}{2}, \frac{7}{2}\right)$	$\sqrt{1287}$	$-\sqrt{140}$	19	$-\sqrt{300}$		
$\left(\frac{7}{2}, \frac{7}{2}\right)$	$\sqrt{495}$	$\sqrt{5}$	$-\sqrt{28}$	$\sqrt{84}$		
	D	$(5, -1)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$(5, -2)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(5, -3)\left(\frac{5}{2}, -\frac{1}{2}\right)$		
			$(5, 4)\left(\frac{5}{2}, -\frac{1}{2}\right)$	$(5, 5)\left(\frac{5}{2}, -\frac{3}{2}\right)$		
			$\sqrt{20}$	1	$\left(\frac{15}{2}, -\frac{7}{2}\right)$	
			$\sqrt{125}$	4	$-\left(\frac{13}{2}, -\frac{7}{2}\right)$	
			$\sqrt{1458}$	$\sqrt{810}$	$\left(\frac{11}{2}, -\frac{7}{2}\right)$	
			$\sqrt{6}$	$\sqrt{480}$	$-\left(\frac{9}{2}, -\frac{7}{2}\right)$	
			$-\sqrt{168}$	$\sqrt{210}$	$\left(\frac{7}{2}, -\frac{7}{2}\right)$	
			$(5, -4)\left(\frac{5}{2}, \frac{1}{2}\right)$	$(5, -5)\left(\frac{5}{2}, \frac{3}{2}\right)$		
$m = \pm \frac{5}{2}$	D	$(5, 0)\left(\frac{5}{2}, \frac{5}{2}\right)$	$(5, 1)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(5, 2)\left(\frac{5}{2}, \frac{1}{2}\right)$		
$\left(\frac{15}{2}, \frac{5}{2}\right)$	$\sqrt{3003}$	$\sqrt{252}$	$\sqrt{1050}$	$\sqrt{1200}$		
$\left(\frac{13}{2}, \frac{5}{2}\right)$	$\sqrt{429}$	$-\sqrt{126}$	$-\sqrt{84}$	$\sqrt{24}$		
$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\sqrt{15015}$	$\sqrt{5600}$	$-\sqrt{336}$	$-\sqrt{2904}$		
$\left(\frac{9}{2}, \frac{5}{2}\right)$	$\sqrt{2574}$	$-\sqrt{525}$	$\sqrt{686}$	-11		
$\left(\frac{7}{2}, \frac{5}{2}\right)$	$\sqrt{3465}$	$\sqrt{150}$	-23	$\sqrt{896}$		
$\left(\frac{5}{2}, \frac{5}{2}\right)$	$\sqrt{462}$	-1	$\sqrt{6}$	$-\sqrt{21}$		
	D	$(5, 0)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$(5, -1)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(5, -2)\left(\frac{5}{2}, -\frac{1}{2}\right)$		

$(5, 3)\left(\frac{5}{2}, -\frac{1}{2}\right)$	$(5, 4)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(5, 5)\left(\frac{5}{2}, -\frac{5}{2}\right)$	
$\sqrt{450}$	$\sqrt{50}$	1	$\left(\frac{15}{2}, -\frac{5}{2}\right)$
12	7	$\sqrt{2}$	$-\left(\frac{13}{2}, -\frac{5}{2}\right)$
37	$\sqrt{4356}$	$\sqrt{450}$	$\left(\frac{11}{2}, -\frac{5}{2}\right)$
$-\sqrt{216}$	$\sqrt{726}$	$\sqrt{300}$	$-\left(\frac{9}{2}, -\frac{5}{2}\right)$
$-\sqrt{756}$	$\sqrt{84}$	$\sqrt{1050}$	$\left(\frac{7}{2}, -\frac{5}{2}\right)$
$\sqrt{56}$	$-\sqrt{126}$	$\sqrt{252}$	$-\left(\frac{5}{2}, -\frac{5}{2}\right)$
$(5, -3)\left(\frac{5}{2}, \frac{1}{2}\right)$	$(5, -4)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(5, -5)\left(\frac{5}{2}, \frac{5}{2}\right)$	

$m = \pm \frac{3}{2}$	D	$(5, -1)\left(\frac{5}{2}, \frac{5}{2}\right)$	$(5, 0)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(5, 1)\left(\frac{5}{2}, \frac{1}{2}\right)$
$\left(\frac{15}{2}, \frac{3}{2}\right)$	$\sqrt{1001}$	$\sqrt{42}$	$\sqrt{252}$	$\sqrt{420}$
$\left(\frac{13}{2}, \frac{3}{2}\right)$	$\sqrt{143}$	$-\sqrt{28}$	$-\sqrt{42}$	0
$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\sqrt{15015}$	$\sqrt{5250}$	$\sqrt{140}$	$-\sqrt{3549}$
$\left(\frac{9}{2}, \frac{3}{2}\right)$	$\sqrt{858}$	$-\sqrt{250}$	$\sqrt{135}$	2
$\left(\frac{7}{2}, \frac{3}{2}\right)$	$\sqrt{1155}$	$\sqrt{125}$	$-\sqrt{270}$	$\sqrt{242}$
$\left(\frac{5}{2}, \frac{3}{2}\right)$	$\sqrt{462}$	$-\sqrt{6}$	5	$-\sqrt{60}$
	D	$(5, 1)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$(5, 0)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(5, -1)\left(\frac{5}{2}, -\frac{1}{2}\right)$

$(5, 2)\left(\frac{5}{2}, -\frac{1}{2}\right)$	$(5, 3)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(5, 4)\left(\frac{5}{2}, -\frac{5}{2}\right)$	
$\sqrt{240}$	$\sqrt{45}$	$\sqrt{2}$	$\left(\frac{15}{2}, -\frac{3}{2}\right)$
$\sqrt{40}$	$\sqrt{30}$	$\sqrt{3}$	$-\left(\frac{13}{2}, -\frac{3}{2}\right)$
$\sqrt{12}$	68	$\sqrt{1440}$	$\left(\frac{11}{2}, -\frac{3}{2}\right)$
$-\sqrt{175}$	$\sqrt{84}$	$\sqrt{210}$	$-\left(\frac{9}{2}, -\frac{3}{2}\right)$
$-\sqrt{56}$	$-\sqrt{42}$	$\sqrt{420}$	$\left(\frac{7}{2}, -\frac{3}{2}\right)$
$\sqrt{105}$	$-\sqrt{140}$	$\sqrt{126}$	$-\left(\frac{5}{2}, -\frac{3}{2}\right)$
$(5, -2)\left(\frac{5}{2}, \frac{1}{2}\right)$	$(5, -3)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(5, -4)\left(\frac{5}{2}, \frac{5}{2}\right)$	

$m = \pm \frac{1}{2}$	D	$(5, -2)\left(\frac{5}{2}, \frac{5}{2}\right)$	$(5, -1)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(5, 0)\left(\frac{5}{2}, \frac{1}{2}\right)$	
$\left(\frac{15}{2}, \frac{1}{2}\right)$	$\sqrt{429}$	$\sqrt{8}$	$\sqrt{70}$	$\sqrt{168}$	
$\left(\frac{13}{2}, \frac{1}{2}\right)$	$\sqrt{429}$	-7	$-\sqrt{140}$	$-\sqrt{21}$	
$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\sqrt{429}$	$\sqrt{120}$	$\sqrt{42}$	$-\sqrt{70}$	
$\left(\frac{9}{2}, \frac{1}{2}\right)$	$\sqrt{2574}$	$-\sqrt{875}$	10	$\sqrt{240}$	
$\left(\frac{7}{2}, \frac{1}{2}\right)$	$\sqrt{693}$	$\sqrt{140}$	-13	$\sqrt{60}$	
$\left(\frac{5}{2}, \frac{1}{2}\right)$	$\sqrt{462}$	$-\sqrt{21}$	$\sqrt{60}$	-10	
D		$(5, 2)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$(5, 1)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(5, 0)\left(\frac{5}{2}, -\frac{1}{2}\right)$	
$m = \pm \frac{3}{2}$	D	$(5, 1)\left(\frac{5}{2}, -\frac{1}{2}\right)$	$(5, 2)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(5, 3)\left(\frac{5}{2}, -\frac{5}{2}\right)$	
		$\sqrt{140}$	$\sqrt{40}$	$\sqrt{3}$	$\left(\frac{15}{2}, -\frac{1}{2}\right)$
		$\sqrt{70}$	$\sqrt{125}$	$\sqrt{24}$	$-\left(\frac{13}{2}, -\frac{1}{2}\right)$
		$-\sqrt{21}$	$\sqrt{96}$	$\sqrt{80}$	$\left(\frac{11}{2}, -\frac{1}{2}\right)$
		$-\sqrt{512}$	$\sqrt{7}$	$\sqrt{840}$	$-\left(\frac{9}{2}, -\frac{1}{2}\right)$
		$\sqrt{2}$	$-\sqrt{112}$	$\sqrt{210}$	$\left(\frac{7}{2}, -\frac{1}{2}\right)$
		$\sqrt{120}$	$-\sqrt{105}$	$\sqrt{56}$	$-\left(\frac{5}{2}, -\frac{1}{2}\right)$
		$(5, -1)\left(\frac{5}{2}, \frac{1}{2}\right)$	$(5, -2)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(5, -3)\left(\frac{5}{2}, \frac{5}{2}\right)$	

 $j' = 5/2 \quad j = 11/2$ $m = \pm 7$

	D	$\left(\frac{11}{2}, \frac{9}{2}\right)\left(\frac{5}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)\left(\frac{5}{2}, \frac{3}{2}\right)$	
$(8, 7)$	4	$\sqrt{11}$	$\sqrt{5}$	$(8, -7)$
$(7, 7)$	4	$-\sqrt{5}$	$\sqrt{11}$	$-(7, -7)$
D		$\left(\frac{11}{2}, -\frac{9}{2}\right)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)\left(\frac{5}{2}, -\frac{3}{2}\right)$	

 $m = \pm 6$

	D	$\left(\frac{11}{2}, \frac{7}{2}\right)\left(\frac{5}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{9}{2}\right)\left(\frac{5}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)\left(\frac{5}{2}, \frac{1}{2}\right)$	
$(8, 6)$	$\sqrt{24}$	$\sqrt{11}$	$\sqrt{11}$	$\sqrt{2}$	$(8, -6)$
$(7, 6)$	$\sqrt{56}$	-5	3	$\sqrt{22}$	$-(7, -6)$
$(6, 6)$	$\sqrt{21}$	$\sqrt{2}$	$-\sqrt{8}$	$\sqrt{11}$	$(6, -6)$
D		$\left(\frac{11}{2}, -\frac{7}{2}\right)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)\left(\frac{5}{2}, -\frac{1}{2}\right)$	

$m = \pm 5$	D	$\left(\frac{11}{2}, \frac{5}{2}\right)\left(\frac{5}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)\left(\frac{5}{2}, \frac{3}{2}\right)$
(8, 5)	$\sqrt{112}$	$\sqrt{33}$	$\sqrt{55}$
(7, 5)	$\sqrt{1456}$	$-\sqrt{675}$	$\sqrt{5}$
(6, 5)	$\sqrt{28}$	$\sqrt{6}$	$-\sqrt{10}$
(5, 5)	$\sqrt{364}$	$-\sqrt{10}$	$\sqrt{54}$
	D	$\left(\frac{11}{2}, -\frac{5}{2}\right)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)\left(\frac{5}{2}, -\frac{3}{2}\right)$
$m = \pm 4$	D	$\left(\frac{11}{2}, \frac{3}{2}\right)\left(\frac{5}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)\left(\frac{5}{2}, \frac{3}{2}\right)$
(8, 4)	$\sqrt{364}$	$\sqrt{66}$	$\sqrt{165}$
(7, 4)	$\sqrt{364}$	$-\sqrt{150}$	$-\sqrt{15}$
(6, 4)	$\sqrt{154}$	$\sqrt{48}$	$-\sqrt{30}$
(5, 4)	$\sqrt{910}$	$-\sqrt{80}$	$\sqrt{242}$
(4, 4)	$\sqrt{715}$	$\sqrt{5}$	$-\sqrt{32}$
	D	$\left(\frac{11}{2}, -\frac{3}{2}\right)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)\left(\frac{5}{2}, -\frac{3}{2}\right)$
		$\left(\frac{11}{2}, \frac{9}{2}\right)\left(\frac{5}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)\left(\frac{5}{2}, -\frac{3}{2}\right)$
		$\sqrt{22}$	1
		$\sqrt{98}$	$\sqrt{11}$
		7	$\sqrt{22}$
		$\sqrt{15}$	$\sqrt{330}$
		$-\sqrt{240}$	$\sqrt{330}$
		$\left(\frac{11}{2}, -\frac{9}{2}\right)\left(\frac{5}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)\left(\frac{5}{2}, \frac{3}{2}\right)$

$m = \pm 3$	D	$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{5}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)\left(\frac{5}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)\left(\frac{5}{2}, \frac{1}{2}\right)$
(8, 3)	$\sqrt{4368}$	$\sqrt{402}$	$\sqrt{1650}$	$\sqrt{1650}$
(7, 3)	$\sqrt{16016}$	$-\sqrt{5250}$	$-\sqrt{2430}$	$\sqrt{1470}$
(6, 3)	$\sqrt{924}$	$\sqrt{336}$	$-\sqrt{48}$	$-\sqrt{147}$
(5, 3)	$\sqrt{16380}$	$-\sqrt{2800}$	68	-37
(4, 3)	$\sqrt{5720}$	$\sqrt{175}$	-27	38
(3, 3)	$\sqrt{792}$	-1	$\sqrt{7}$	$-\sqrt{28}$
D	$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)\left(\frac{5}{2}, -\frac{1}{2}\right)$	
	$\left(\frac{11}{2}, \frac{7}{2}\right)\left(\frac{5}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{9}{2}\right)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)\left(\frac{5}{2}, -\frac{5}{2}\right)$	
	$\sqrt{550}$	$\sqrt{55}$	1	(8, -3)
	$\sqrt{5290}$	39	$\sqrt{55}$	-(7, -3)
	11	$\sqrt{250}$	$\sqrt{22}$	(6, -3)
	$-\sqrt{867}$	$\sqrt{5070}$	$\sqrt{1650}$	-(5, -3)
	$-\sqrt{1452}$	$\sqrt{270}$	$\sqrt{1650}$	(4, -3)
	$\sqrt{84}$	$-\sqrt{210}$	$\sqrt{462}$	-(3, -3)
	$\left(\frac{11}{2}, -\frac{7}{2}\right)\left(\frac{5}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)\left(\frac{5}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)\left(\frac{5}{2}, \frac{5}{2}\right)$	
$m = \pm 2$	D	$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{5}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{5}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)\left(\frac{5}{2}, \frac{1}{2}\right)$
(8, 2)	$\sqrt{728}$	$\sqrt{42}$	$\sqrt{210}$	$\sqrt{300}$
(7, 2)	$\sqrt{8008}$	$-\sqrt{1890}$	$-\sqrt{2058}$	$\sqrt{60}$
(6, 2)	$\sqrt{77}$	$\sqrt{28}$	0	$-\sqrt{18}$
(5, 2)	$\sqrt{1365}$	$-\sqrt{350}$	$\sqrt{280}$	-1
(4, 2)	$\sqrt{2860}$	15	$-\sqrt{605}$	$\sqrt{686}$
(3, 2)	$\sqrt{132}$	-1	$\sqrt{5}$	$-\sqrt{14}$
D	$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)\left(\frac{5}{2}, -\frac{1}{2}\right)$	
	$\left(\frac{11}{2}, \frac{5}{2}\right)\left(\frac{5}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{9}{2}\right)\left(\frac{5}{2}, -\frac{5}{2}\right)$	
	$\sqrt{150}$	5	1	(8, -2)
	$\sqrt{2430}$	$\sqrt{1445}$	$\sqrt{125}$	-(7, -2)
	1	$\sqrt{24}$	$\sqrt{6}$	(6, -2)
	$-\sqrt{242}$	$\sqrt{192}$	$\sqrt{300}$	-(5, -2)
	$-\sqrt{252}$	$-\sqrt{42}$	$\sqrt{1050}$	(4, -2)
	$\sqrt{28}$	$-\sqrt{42}$	$\sqrt{42}$	-(3, -2)
	$\left(\frac{11}{2}, -\frac{5}{2}\right)\left(\frac{5}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)\left(\frac{5}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)\left(\frac{5}{2}, \frac{5}{2}\right)$	

$m = \pm 1$	D	$\left(\frac{11}{2}, -\frac{3}{2}\right)\left(\frac{5}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{5}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{5}{2}, \frac{1}{2}\right)$
(8, 1)	$\sqrt{208}$	$\sqrt{6}$	$\sqrt{42}$	$\sqrt{84}$
(7, 1)	$\sqrt{16016}$	$-\sqrt{2450}$	$-\sqrt{5054}$	$-\sqrt{252}$
(6, 1)	$\sqrt{308}$	$\sqrt{98}$	$\sqrt{14}$	$-\sqrt{63}$
(5, 1)	$\sqrt{780}$	$-\sqrt{250}$	$\sqrt{70}$	$\sqrt{35}$
(4, 1)	$\sqrt{5720}$	$\sqrt{875}$	$-\sqrt{1445}$	$\sqrt{810}$
(3, 1)	$\sqrt{264}$	$-\sqrt{7}$	5	$-\sqrt{50}$
	D	$\left(\frac{11}{2}, \frac{3}{2}\right)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{5}{2}, -\frac{1}{2}\right)$
		$\left(\frac{11}{2}, \frac{3}{2}\right)\left(\frac{5}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)\left(\frac{5}{2}, -\frac{5}{2}\right)$
		$\sqrt{60}$	$\sqrt{15}$	1
		$\sqrt{3380}$	$\sqrt{4205}$	$\sqrt{675}$
		$-\sqrt{5}$	$\sqrt{80}$	$\sqrt{48}$
		-13	4	$\sqrt{240}$
		$-\sqrt{14}$	$-\sqrt{686}$	$\sqrt{1890}$
		$\sqrt{70}$	$-\sqrt{70}$	$\sqrt{42}$
		$\left(\frac{11}{2}, -\frac{3}{2}\right)\left(\frac{5}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)\left(\frac{5}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)\left(\frac{5}{2}, \frac{5}{2}\right)$
$m = 0$	D	$\left(\frac{11}{2}, -\frac{5}{2}\right)\left(\frac{5}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)\left(\frac{5}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{5}{2}, \frac{1}{2}\right)$
(8, 0)	$\sqrt{78}$	1	$\sqrt{10}$	$\sqrt{28}$
(7, 0)	$\sqrt{286}$	-5	$-\sqrt{90}$	$-\sqrt{28}$
(6, 0)	$\sqrt{66}$	4	$\sqrt{10}$	$-\sqrt{7}$
(5, 0)	$\sqrt{234}$	$-\sqrt{80}$	$\sqrt{2}$	$\sqrt{35}$
(4, 0)	$\sqrt{286}$	$\sqrt{70}$	$-\sqrt{63}$	$\sqrt{10}$
(3, 0)	$\sqrt{198}$	$-\sqrt{14}$	$\sqrt{35}$	$-\sqrt{50}$
		$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{5}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)\left(\frac{5}{2}, -\frac{5}{2}\right)$
		$\sqrt{28}$	$\sqrt{10}$	1
		$\sqrt{28}$	$\sqrt{90}$	5
		$-\sqrt{7}$	$\sqrt{10}$	4
		$-\sqrt{35}$	$-\sqrt{2}$	$\sqrt{80}$
		$\sqrt{10}$	$-\sqrt{63}$	$\sqrt{70}$
		$\sqrt{50}$	$-\sqrt{35}$	$\sqrt{14}$

$j' = 5/2$	$j = 6$	$(6, 5)\left(\frac{5}{2}, \frac{5}{2}\right)$	$(6, 6)\left(\frac{5}{2}, \frac{3}{2}\right)$	
$m = \pm \frac{15}{2}$	D	$\sqrt{12}$	$\sqrt{5}$	$\left(\frac{17}{2}, -\frac{15}{2}\right)$
$\left(\frac{17}{2}, \frac{15}{2}\right)$	$\sqrt{17}$			
$\left(\frac{15}{2}, \frac{15}{2}\right)$	$\sqrt{17}$	$-\sqrt{5}$	$\sqrt{12}$	$-\left(\frac{15}{2}, -\frac{15}{2}\right)$
	D	$(6, -5)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$(6, -6)\left(\frac{5}{2}, -\frac{3}{2}\right)$	
$m = \pm \frac{13}{2}$	D	$(6, 4)\left(\frac{5}{2}, \frac{5}{2}\right)$	$(6, 5)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(6, 6)\left(\frac{5}{2}, \frac{1}{2}\right)$
$\left(\frac{17}{2}, \frac{13}{2}\right)$	$\sqrt{68}$	$\sqrt{33}$	$\sqrt{30}$	$\sqrt{5}$
$\left(\frac{15}{2}, \frac{13}{2}\right)$	$\sqrt{255}$	$-\sqrt{110}$	7	$\sqrt{96}$
$\left(\frac{13}{2}, \frac{13}{2}\right)$	$\sqrt{60}$	$\sqrt{5}$	$-\sqrt{22}$	$\sqrt{33}$
	D	$(6, -4)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$(6, -5)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(6, -6)\left(\frac{5}{2}, -\frac{1}{2}\right)$
$m = \pm \frac{11}{2}$	D	$(6, 3)\left(\frac{5}{2}, \frac{5}{2}\right)$	$(6, 4)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(6, 5)\left(\frac{5}{2}, \frac{1}{2}\right)$
$\left(\frac{17}{2}, \frac{11}{2}\right)$	$\sqrt{68}$	$\sqrt{22}$	$\sqrt{33}$	$\sqrt{12}$
$\left(\frac{15}{2}, \frac{11}{2}\right)$	$\sqrt{1785}$	$-\sqrt{825}$	$\sqrt{22}$	$\sqrt{722}$
$\left(\frac{13}{2}, \frac{11}{2}\right)$	$\sqrt{780}$	$\sqrt{150}$	-17	$\sqrt{44}$
$\left(\frac{11}{2}, \frac{11}{2}\right)$	$\sqrt{91}$	$-\sqrt{2}$	$\sqrt{12}$	$\sqrt{297}$
	D	$(6, -3)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$(6, -4)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(6, -5)\left(\frac{5}{2}, -\frac{1}{2}\right)$
$m = \pm \frac{9}{2}$	D	$(6, 2)\left(\frac{5}{2}, \frac{5}{2}\right)$	$(6, 3)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(6, 4)\left(\frac{5}{2}, \frac{1}{2}\right)$
$\left(\frac{17}{2}, \frac{9}{2}\right)$	$\sqrt{476}$	$\sqrt{99}$	$\sqrt{220}$	$\sqrt{132}$
$\left(\frac{15}{2}, \frac{9}{2}\right)$	$\sqrt{7735}$	$-\sqrt{3300}$	$-\sqrt{165}$	$\sqrt{2156}$
$\left(\frac{13}{2}, \frac{9}{2}\right)$	$\sqrt{260}$	$\sqrt{75}$	$-\sqrt{60}$	-2
$\left(\frac{11}{2}, \frac{9}{2}\right)$	$\sqrt{1001}$	$-\sqrt{72}$	$\sqrt{250}$	$-\sqrt{294}$
$\left(\frac{9}{2}, \frac{9}{2}\right)$	$\sqrt{1001}$	$\sqrt{5}$	-6	$\sqrt{135}$
	D	$(6, -2)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$(6, -3)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(6, -4)\left(\frac{5}{2}, -\frac{1}{2}\right)$
		$(6, 5)\left(\frac{5}{2}, -\frac{1}{2}\right)$	$(6, 6)\left(\frac{5}{2}, -\frac{3}{2}\right)$	
		$\sqrt{24}$		1
			$\sqrt{1922}$	$\sqrt{192}$
			$\sqrt{88}$	$\sqrt{33}$
			$\sqrt{33}$	$\sqrt{352}$
			$-\sqrt{330}$	$\sqrt{495}$
			$(6, -5)\left(\frac{5}{2}, \frac{1}{2}\right)$	$(6, -6)\left(\frac{5}{2}, \frac{3}{2}\right)$

$m = \pm \frac{7}{2}$	D	$(6, 1)\left(\frac{5}{2}, \frac{5}{2}\right)$	$(6, 2)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(6, 3)\left(\frac{5}{2}, \frac{1}{2}\right)$
$\left(\frac{17}{2}, \frac{7}{2}\right)$	$\sqrt{6188}$	$\sqrt{792}$	$\sqrt{2475}$	$\sqrt{2200}$
$\left(\frac{15}{2}, \frac{7}{2}\right)$	$\sqrt{23205}$	$-\sqrt{8250}$	$-\sqrt{2640}$	$\sqrt{2970}$
$\left(\frac{13}{2}, \frac{7}{2}\right)$	$\sqrt{8580}$	$\sqrt{3000}$	$-\sqrt{735}$	$-\sqrt{1080}$
$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\sqrt{1001}$	-12	$\sqrt{288}$	-11
$\left(\frac{9}{2}, \frac{7}{2}\right)$	$\sqrt{9009}$	$\sqrt{200}$	-31	$\sqrt{2178}$
$\left(\frac{7}{2}, \frac{7}{2}\right)$	$\sqrt{1287}$	-1	$\sqrt{8}$	-6
	D	$(6, -1)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$(6, -2)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(6, -3)\left(\frac{5}{2}, -\frac{1}{2}\right)$
$m = \pm \frac{5}{2}$	D	$(6, 4)\left(\frac{5}{2}, -\frac{1}{2}\right)$	$(6, 5)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(6, 6)\left(\frac{5}{2}, -\frac{5}{2}\right)$
		$\sqrt{660}$	$\sqrt{60}$	1
		$\sqrt{7436}$	43	$\sqrt{60}$
		38	$\sqrt{2156}$	$\sqrt{165}$
		$-\sqrt{30}$	$\sqrt{330}$	$\sqrt{88}$
		$-\sqrt{2535}$	$\sqrt{660}$	$\sqrt{2475}$
		$\sqrt{120}$	$-\sqrt{330}$	$\sqrt{792}$
		$(6, -4)\left(\frac{5}{2}, \frac{1}{2}\right)$	$(6, -5)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(6, -6)\left(\frac{5}{2}, \frac{5}{2}\right)$
	D	$(6, 0)\left(\frac{5}{2}, \frac{5}{2}\right)$	$(6, 1)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(6, 2)\left(\frac{5}{2}, \frac{1}{2}\right)$
$\left(\frac{17}{2}, \frac{5}{2}\right)$	$\sqrt{6188}$	$\sqrt{462}$	$\sqrt{1980}$	$\sqrt{2475}$
$\left(\frac{15}{2}, \frac{5}{2}\right)$	$\sqrt{4641}$	$-\sqrt{1260}$	$-\sqrt{1014}$	$\sqrt{120}$
$\left(\frac{13}{2}, \frac{5}{2}\right)$	$\sqrt{1716}$	$\sqrt{630}$	$-\sqrt{12}$	$-\sqrt{375}$
$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\sqrt{1001}$	$-\sqrt{224}$	$\sqrt{240}$	$-\sqrt{12}$
$\left(\frac{9}{2}, \frac{5}{2}\right)$	$\sqrt{9009}$	$\sqrt{525}$	$-\sqrt{1690}$	$\sqrt{2312}$
$\left(\frac{7}{2}, \frac{5}{2}\right)$	$\sqrt{1287}$	$-\sqrt{6}$	$\sqrt{35}$	$-\sqrt{112}$
	D	$(6, 0)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$(6, -1)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(6, -2)\left(\frac{5}{2}, -\frac{1}{2}\right)$

$(6, 3)\left(\frac{5}{2}, -\frac{1}{2}\right)$	$(6, 4)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(6, 5)\left(\frac{5}{2}, -\frac{5}{2}\right)$	
$\sqrt{1100}$	$\sqrt{165}$	$\sqrt{6}$	$\left(\frac{17}{2}, -\frac{5}{2}\right)$
$\sqrt{1470}$	$\sqrt{722}$	$\sqrt{55}$	$-\left(\frac{15}{2}, -\frac{5}{2}\right)$
$\sqrt{60}$	23	$\sqrt{110}$	$\left(\frac{13}{2}, -\frac{5}{2}\right)$
$-\sqrt{147}$	$\sqrt{180}$	$\sqrt{198}$	$-\left(\frac{11}{2}, -\frac{5}{2}\right)$
$-\sqrt{1152}$	$-\sqrt{30}$	$\sqrt{3300}$	$\left(\frac{9}{2}, -\frac{5}{2}\right)$
$\sqrt{252}$	$-\sqrt{420}$	$\sqrt{462}$	$-\left(\frac{7}{2}, -\frac{5}{2}\right)$
$(6, -3)\left(\frac{5}{2}, \frac{1}{2}\right)$	$(6, -4)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(6, -5)\left(\frac{5}{2}, \frac{5}{2}\right)$	

$m = \pm \frac{3}{2}$	D	$(6, -1)\left(\frac{5}{2}, \frac{5}{2}\right)$	$(6, 0)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(6, 1)\left(\frac{5}{2}, \frac{1}{2}\right)$	
$\left(\frac{17}{2}, \frac{3}{2}\right)$	$\sqrt{884}$	6	$\sqrt{210}$	$\sqrt{360}$	
$\left(\frac{15}{2}, \frac{3}{2}\right)$	$\sqrt{7735}$	$-\sqrt{1470}$	$-\sqrt{2268}$	$-\sqrt{12}$	
$\left(\frac{13}{2}, \frac{3}{2}\right)$	$\sqrt{2860}$	$\sqrt{980}$	$\sqrt{42}$	$-\sqrt{648}$	
$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\sqrt{1001}$	$-\sqrt{294}$	$\sqrt{140}$	$\sqrt{15}$	
$\left(\frac{9}{2}, \frac{3}{2}\right)$	$\sqrt{429}$	$\sqrt{50}$	$-\sqrt{105}$	$\sqrt{80}$	
$\left(\frac{7}{2}, \frac{3}{2}\right)$	$\sqrt{429}$	$-\sqrt{7}$	$\sqrt{30}$	$-\sqrt{70}$	
D	$(6, 1)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$(6, 0)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(6, -1)\left(\frac{5}{2}, -\frac{1}{2}\right)$		
$(6, 2)\left(\frac{5}{2}, -\frac{1}{2}\right)$	$(6, 3)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(6, 4)\left(\frac{5}{2}, -\frac{5}{2}\right)$			
15	$\sqrt{50}$	$\sqrt{3}$			$\left(\frac{17}{2}, -\frac{3}{2}\right)$
$\sqrt{1920}$	$\sqrt{1815}$	$\sqrt{250}$			$-\left(\frac{15}{2}, -\frac{3}{2}\right)$
$-\sqrt{5}$	$\sqrt{810}$	$\sqrt{375}$			$\left(\frac{13}{2}, -\frac{3}{2}\right)$
$-\sqrt{216}$	$\sqrt{48}$	$\sqrt{288}$			$-\left(\frac{11}{2}, -\frac{3}{2}\right)$
$-\sqrt{8}$	-6	$\sqrt{150}$			$\left(\frac{9}{2}, -\frac{3}{2}\right)$
$\sqrt{112}$	$-\sqrt{126}$	$\sqrt{84}$			$-\left(\frac{7}{2}, -\frac{3}{2}\right)$
$(6, -2)\left(\frac{5}{2}, \frac{1}{2}\right)$	$(6, -3)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(6, -4)\left(\frac{5}{2}, \frac{5}{2}\right)$			

$m = \pm \frac{1}{2}$	D	$(6, -2)\left(\frac{5}{2}, \frac{5}{2}\right)$	$(6, -1)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(6, 0)\left(\frac{5}{2}, \frac{1}{2}\right)$
$\left(\frac{17}{2}, \frac{1}{2}\right)$	$\sqrt{442}$	3	$\sqrt{72}$	$\sqrt{168}$
$\left(\frac{15}{2}, \frac{1}{2}\right)$	$\sqrt{3315}$	-20	$-\sqrt{1058}$	$-\sqrt{168}$
$\left(\frac{13}{2}, \frac{1}{2}\right)$	$\sqrt{4290}$	35	$\sqrt{392}$	$-\sqrt{672}$
$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\sqrt{143}$	$-\sqrt{48}$	$\sqrt{6}$	$\sqrt{14}$
$\left(\frac{9}{2}, \frac{1}{2}\right)$	$\sqrt{1287}$	$\sqrt{250}$	$-\sqrt{320}$	$\sqrt{105}$
$\left(\frac{7}{2}, \frac{1}{2}\right)$	$\sqrt{1287}$	$-\sqrt{56}$	$\sqrt{175}$	$-\sqrt{300}$
	D	$(6, 2)\left(\frac{5}{2}, -\frac{5}{2}\right)$	$(6, 1)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(6, 0)\left(\frac{5}{2}, -\frac{1}{2}\right)$

$(6, 1)\left(\frac{5}{2}, -\frac{1}{2}\right)$	$(6, 2)\left(\frac{5}{2}, -\frac{3}{2}\right)$	$(6, 3)\left(\frac{5}{2}, -\frac{5}{2}\right)$	
12	$\sqrt{45}$	2	$\left(\frac{17}{2}, -\frac{1}{2}\right)$
22	$\sqrt{980}$	15	$-\left(\frac{15}{2}, -\frac{1}{2}\right)$
-16	$\sqrt{845}$	30	$\left(\frac{13}{2}, -\frac{1}{2}\right)$
$-\sqrt{27}$	0	$\sqrt{48}$	$-\left(\frac{11}{2}, -\frac{1}{2}\right)$
$\sqrt{10}$	$-\sqrt{242}$	$\sqrt{360}$	$\left(\frac{9}{2}, -\frac{1}{2}\right)$
$\sqrt{350}$	$-\sqrt{280}$	$\sqrt{126}$	$-\left(\frac{7}{2}, -\frac{1}{2}\right)$
$(6, -1)\left(\frac{5}{2}, \frac{1}{2}\right)$	$(6, -2)\left(\frac{5}{2}, \frac{3}{2}\right)$	$(6, -3)\left(\frac{5}{2}, \frac{5}{2}\right)$	

 $j' = 3$
 $j = 5$
 $m = \pm 7$

	D	$(5, 4)(3, 3)$	$(5, 5)(3, 2)$	
$(8, 7)$	$\sqrt{8}$	$\sqrt{5}$	$\sqrt{3}$	$(8, -7)$
$(7, 7)$	$\sqrt{8}$	$-\sqrt{3}$	$\sqrt{5}$	$-(7, -7)$
	D	$(5, -4)(3, -3)$	$(5, -5)(3, -2)$	

 $m = \pm 6$

	D	$(5, 3)(3, 3)$	$(5, 4)(3, 2)$	$(5, 5)(3, 1)$	
$(8, 6)$	$\sqrt{8}$	$\sqrt{3}$	2	1	$(8, -6)$
$(7, 6)$	$\sqrt{56}$	$-\sqrt{27}$	2	5	$-(7, -6)$
$(6, 6)$	$\sqrt{7}$	1	$-\sqrt{3}$	$\sqrt{3}$	$(6, -6)$
	D	$(5, -3)(3, -3)$	$(5, -4)(3, -2)$	$(5, -5)(3, -1)$	

$m = \pm 5$

	D	(5, 2)(3, 3)	(5, 3)(3, 2)	(5, 4)(3, 1)	(5, 5)(3, 0)	
(8, 5)	$\sqrt{56}$	$\sqrt{12}$	$\sqrt{27}$	$\sqrt{15}$	$\sqrt{2}$	(8, -5)
(7, 5)	$\sqrt{728}$	-18	-3	$\sqrt{245}$	$\sqrt{150}$	-(7, -5)
(6, 5)	$\sqrt{7}$	$\sqrt{2}$	$-\sqrt{2}$	0	$\sqrt{3}$	(6, -5)
(5, 5)	$\sqrt{91}$	$-\sqrt{5}$	$\sqrt{20}$	-6	$\sqrt{30}$	-(5, -5)
	D	(5, -2)(3, -3)	(5, -3)(3, -2)	(5, -4)(3, -1)	(5, -5)(3, 0)	

 $m = \pm 4$

	D	(5, 1)(3, 3)	(5, 2)(3, 2)	(5, 3)(3, 1)	(5, 4)(3, 0)	(5, 5)(3, -1)	
(8, 4)	$\sqrt{364}$	$\sqrt{42}$	12	$\sqrt{135}$	$\sqrt{40}$	$\sqrt{3}$	(8, -4)
(7, 4)	$\sqrt{364}$	$-\sqrt{126}$	$-\sqrt{48}$	$\sqrt{45}$	$\sqrt{120}$	5	-(7, -4)
(6, 4)	$\sqrt{77}$	$\sqrt{28}$	$-\sqrt{6}$	$-\sqrt{10}$	$\sqrt{15}$	$\sqrt{18}$	(6, -4)
(5, 4)	$\sqrt{455}$	$-\sqrt{70}$	$\sqrt{135}$	-8	$-\sqrt{6}$	$\sqrt{180}$	-(5, -4)
(4, 4)	$\sqrt{715}$	$\sqrt{15}$	$-\sqrt{70}$	$\sqrt{168}$	$-\sqrt{252}$	$\sqrt{210}$	(4, -4)
	D	(5, -1)(3, -3)	(5, -2)(3, -2)	(5, -3)(3, -1)	(5, -4)(3, 0)	(5, -5)(3, 1)	

 $m = \pm 3$

	D	(5, 0)(3, 3)	(5, 1)(3, 2)	(5, 2)(3, 1)	
(8, 3)	$\sqrt{728}$	$\sqrt{42}$	$\sqrt{210}$	$\sqrt{300}$	
(7, 3)	$\sqrt{8008}$	$-\sqrt{1890}$	$-\sqrt{2058}$	$\sqrt{60}$	
(6, 3)	$\sqrt{77}$	$\sqrt{28}$	0	$-\sqrt{18}$	
(5, 3)	$\sqrt{1365}$	$-\sqrt{350}$	$\sqrt{280}$	-1	
(4, 3)	$\sqrt{2860}$	15	$-\sqrt{605}$	$\sqrt{686}$	
(3, 3)	$\sqrt{132}$	-1	$\sqrt{5}$	$-\sqrt{14}$	
	D	(5, 0)(3, -3)	(5, -1)(3, -2)	(5, -2)(3, -1)	

	(5, 3)(3, 0)	(5, 4)(3, -1)	(5, 5)(3, -2)	
	$\sqrt{150}$	5	1	(8, -3)
	$\sqrt{2430}$	$\sqrt{1445}$	$\sqrt{125}$	-(7, -3)
	1	$\sqrt{24}$	$\sqrt{6}$	(6, -3)
	$-\sqrt{242}$	$\sqrt{192}$	$\sqrt{300}$	-(5, -3)
	$-\sqrt{252}$	$-\sqrt{42}$	$\sqrt{1050}$	(4, -3)
	$\sqrt{28}$	$-\sqrt{42}$	$\sqrt{42}$	-(3, -3)
	(5, -3)(3, 0)	(5, -4)(3, 1)	(5, -5)(3, 2)	

$m = \pm 2$	D	(5, -1) (3, 3)	(5, 0) (3, 2)	(5, 1) (3, 1)	(5, 2) (3, 0)
(8, 2)	$\sqrt{8008}$	$\sqrt{210}$	$\sqrt{1512}$	$\sqrt{3150}$	$\sqrt{2400}$
(7, 2)	$\sqrt{8008}$	$-\sqrt{1134}$	$-\sqrt{2520}$	$-\sqrt{210}$	$\sqrt{1440}$
(6, 2)	$\sqrt{231}$	$\sqrt{70}$	$\sqrt{14}$	$-\sqrt{42}$	$-\sqrt{8}$
(5, 2)	$\sqrt{2730}$	$-\sqrt{875}$	$\sqrt{175}$	$\sqrt{189}$	-23
(4, 2)	$\sqrt{20020}$	$\sqrt{3375}$	$-\sqrt{4800}$	43	$\sqrt{84}$
(3, 2)	$\sqrt{132}$	$-\sqrt{5}$	4	$-\sqrt{27}$	$\sqrt{28}$
(2, 2)	$\sqrt{462}$	1	$-\sqrt{5}$	$\sqrt{15}$	$-\sqrt{35}$
D		(5, 1) (3, -3)	(5, 0) (3, -2)	(5, -1) (3, -1)	(5, -2) (3, 0)
		(5, 3) (3, -1)	(5, 4) (3, -2)	(5, 5) (3, -3)	
		$\sqrt{675}$	$\sqrt{60}$	1	(8, -2)
		$\sqrt{2205}$	22	$\sqrt{15}$	-(7, -2)
		7	$\sqrt{45}$	$\sqrt{3}$	(6, -2)
		$\sqrt{2}$	$\sqrt{810}$	$\sqrt{150}$	-(5, -2)
		$-\sqrt{3402}$	$\sqrt{3360}$	$\sqrt{3150}$	(4, -2)
		$-\sqrt{14}$	0	$\sqrt{42}$	-(3, -2)
		$\sqrt{70}$	$-\sqrt{126}$	$\sqrt{210}$	(2, -2)
		(5, -3) (3, 1)	(5, -4) (3, 2)	(5, -5) (3, 3)	
$m = \pm 1$	D	(5, -2) (3, 3)	(5, -1) (3, 2)	(5, 0) (3, 1)	(5, 1) (3, 0)
(8, 1)	$\sqrt{1144}$	$\sqrt{12}$	$\sqrt{126}$	$\sqrt{378}$	$\sqrt{420}$
(7, 1)	$\sqrt{8008}$	$-\sqrt{588}$	$-\sqrt{2366}$	$-\sqrt{1050}$	$\sqrt{420}$
(6, 1)	$\sqrt{231}$	7	$\sqrt{42}$	$-\sqrt{14}$	$-\sqrt{35}$
(5, 1)	$\sqrt{390}$	$-\sqrt{125}$	0	$\sqrt{70}$	$-\sqrt{28}$
(4, 1)	$\sqrt{20020}$	$\sqrt{5250}$	$-\sqrt{3125}$	$\sqrt{15}$	$\sqrt{2166}$
(3, 1)	$\sqrt{132}$	$-\sqrt{14}$	$\sqrt{27}$	-5	$\sqrt{10}$
(2, 1)	$\sqrt{462}$	$\sqrt{7}$	$-\sqrt{24}$	$\sqrt{50}$	$-\sqrt{80}$
D		(5, 2) (3, -3)	(5, 1) (3, -2)	(5, 0) (3, -1)	(5, -1) (3, 0)
		(5, 2) (3, -1)	(5, 3) (3, -2)	(5, 4) (3, -3)	
		$\sqrt{180}$	$\sqrt{27}$	1	(8, -1)
		$\sqrt{2420}$	$\sqrt{1083}$	9	-(7, -1)
		$\sqrt{15}$	8	$\sqrt{12}$	(6, -1)
		$-\sqrt{27}$	$\sqrt{80}$	$\sqrt{60}$	-(5, -1)
		$-\sqrt{3584}$	$\sqrt{210}$	$\sqrt{5670}$	(4, -1)
		0	$-\sqrt{14}$	$\sqrt{42}$	-(3, -1)
		$\sqrt{105}$	$-\sqrt{112}$	$\sqrt{84}$	(2, -1)
		(5, -2) (3, 1)	(5, -3) (3, 2)	(5, -4) (3, 3)	

$m=0$	D	$(5, -3)(3, 3)$	$(5, -2)(3, 2)$	$(5, -1)(3, 1)$	$(5, 0)(3, 0)$	$(5, 1)(3, -1)$	$(5, 2)(3, -2)$	$(5, 3)(3, -3)$
$(8, 0)$	$\sqrt{286}$	1	4	$\sqrt{70}$	$\sqrt{112}$	$\sqrt{70}$	4	1
$(7, 0)$	$\sqrt{286}$	-3	-8	$-\sqrt{70}$	0	$-\sqrt{70}$	8	3
$(6, 0)$	$\sqrt{33}$	2	3	0	$-\sqrt{7}$	0	3	2
$(5, 0)$	$\sqrt{78}$	$-\sqrt{20}$	$-\sqrt{5}$	$\sqrt{14}$	0	$-\sqrt{14}$	-11	$\sqrt{360}$
$(4, 0)$	$\sqrt{2002}$	$\sqrt{630}$	$-\sqrt{70}$	-11	$\sqrt{360}$	$-\sqrt{70}$	$\sqrt{630}$	0
$(3, 0)$	$\sqrt{66}$	$-\sqrt{14}$	$\sqrt{14}$	$-\sqrt{5}$	0	$-\sqrt{14}$	$\sqrt{14}$	0
$(2, 0)$	$\sqrt{462}$	$\sqrt{28}$	$-\sqrt{63}$	$\sqrt{90}$	-10	$-\sqrt{63}$	$\sqrt{28}$	

$j' = 3$	$j = 11/2$	$(\frac{11}{2}, \frac{9}{2})(3, 3)$	$(\frac{11}{2}, \frac{11}{2})(3, 2)$	$(\frac{11}{2}, -\frac{15}{2})(3, 1)$	$(\frac{11}{2}, -\frac{11}{2})(3, 0)$	$(\frac{11}{2}, -\frac{7}{2})(3, -3)$	$(\frac{11}{2}, -\frac{9}{2})(3, -2)$	$(\frac{11}{2}, -\frac{11}{2})(3, -1)$
$m = \pm \frac{15}{2}$	D	$(\frac{11}{2}, \frac{9}{2})(3, 3)$	$(\frac{11}{2}, \frac{11}{2})(3, 2)$	$(\frac{11}{2}, -\frac{15}{2})(3, 1)$	$(\frac{11}{2}, -\frac{11}{2})(3, 0)$	$(\frac{11}{2}, -\frac{7}{2})(3, -3)$	$(\frac{11}{2}, -\frac{9}{2})(3, -2)$	$(\frac{11}{2}, -\frac{11}{2})(3, -1)$
$(\frac{17}{2}, \frac{15}{2})$	$\sqrt{17}$	$\sqrt{11}$	$\sqrt{6}$	$\sqrt{15}$	$\sqrt{10}$	$\sqrt{55}$	$\sqrt{66}$	$\sqrt{15}$
$(\frac{15}{2}, \frac{15}{2})$	$\sqrt{17}$	$-\sqrt{6}$	$\sqrt{11}$	$-\sqrt{22}$	$-\sqrt{11}$	$-\sqrt{24}$	$-\sqrt{5}$	$-\sqrt{22}$
	D	$(\frac{11}{2}, -\frac{9}{2})(3, -3)$	$(\frac{11}{2}, -\frac{11}{2})(3, -2)$	$(\frac{11}{2}, -\frac{15}{2})(3, -1)$	$(\frac{11}{2}, -\frac{11}{2})(3, 0)$	$(\frac{11}{2}, -\frac{7}{2})(3, -3)$	$(\frac{11}{2}, -\frac{9}{2})(3, -2)$	$(\frac{11}{2}, -\frac{11}{2})(3, -1)$
$m = \pm \frac{13}{2}$	D	$(\frac{11}{2}, \frac{7}{2})(3, 3)$	$(\frac{11}{2}, \frac{9}{2})(3, 2)$	$(\frac{11}{2}, \frac{11}{2})(3, 1)$	$(\frac{11}{2}, -\frac{13}{2})(3, 0)$	$(\frac{11}{2}, -\frac{7}{2})(3, -3)$	$(\frac{11}{2}, -\frac{9}{2})(3, -2)$	$(\frac{11}{2}, -\frac{11}{2})(3, -1)$
$(\frac{17}{2}, \frac{13}{2})$	$\sqrt{136}$	$\sqrt{55}$	$\sqrt{66}$	$\sqrt{15}$	$\sqrt{10}$	$\sqrt{51}$	$-\sqrt{24}$	$\sqrt{22}$
$(\frac{15}{2}, \frac{13}{2})$	$\sqrt{51}$	$-\sqrt{24}$	$\sqrt{5}$	$-\sqrt{22}$	$-\sqrt{11}$	$\sqrt{24}$	$\sqrt{3}$	$-\sqrt{11}$
	D	$(\frac{11}{2}, -\frac{7}{2})(3, -3)$	$(\frac{11}{2}, -\frac{9}{2})(3, -2)$	$(\frac{11}{2}, -\frac{11}{2})(3, -1)$	$(\frac{11}{2}, -\frac{13}{2})(3, 0)$	$(\frac{11}{2}, -\frac{7}{2})(3, -3)$	$(\frac{11}{2}, -\frac{9}{2})(3, -2)$	$(\frac{11}{2}, -\frac{11}{2})(3, -1)$
$m = \pm \frac{11}{2}$	D	$(\frac{11}{2}, \frac{5}{2})(3, 3)$	$(\frac{11}{2}, \frac{7}{2})(3, 2)$	$(\frac{11}{2}, \frac{9}{2})(3, 1)$	$(\frac{11}{2}, \frac{11}{2})(3, 0)$	$(\frac{11}{2}, -\frac{11}{2})(3, -3)$	$(\frac{11}{2}, -\frac{9}{2})(3, -2)$	$(\frac{11}{2}, -\frac{7}{2})(3, -1)$
$(\frac{17}{2}, \frac{11}{2})$	$\sqrt{136}$	$\sqrt{33}$	$\sqrt{66}$	$\sqrt{33}$	2	$\sqrt{357}$	$-\sqrt{162}$	$\sqrt{128}$
$(\frac{15}{2}, \frac{11}{2})$	$\sqrt{357}$	$-\sqrt{162}$	-1	$\sqrt{128}$	$\sqrt{66}$	$\sqrt{312}$	9	$-\sqrt{98}$
$(\frac{13}{2}, \frac{11}{2})$	$\sqrt{312}$			1	$\sqrt{132}$	$\sqrt{91}$	-2	$\sqrt{18}$
	D	$(\frac{11}{2}, -\frac{5}{2})(3, -3)$	$(\frac{11}{2}, -\frac{7}{2})(3, -2)$	$(\frac{11}{2}, -\frac{9}{2})(3, -1)$	$(\frac{11}{2}, -\frac{11}{2})(3, 0)$	$(\frac{11}{2}, -\frac{7}{2})(3, -3)$	$(\frac{11}{2}, -\frac{9}{2})(3, -2)$	$(\frac{11}{2}, -\frac{11}{2})(3, -1)$

$m = \pm \frac{9}{2}$	D	$(\frac{11}{2}, \frac{3}{2})$	$(\frac{11}{2}, \frac{5}{2})$	$(\frac{11}{2}, \frac{7}{2})$	$(\frac{11}{2}, \frac{9}{2})$	$(\frac{11}{2}, \frac{11}{2})$
		$(3, 3)$	$(3, 2)$	$(3, 1)$	$(3, 0)$	$(3, -1)$
$(\frac{17}{2}, \frac{9}{2})$	$\sqrt{476}$	$\sqrt{66}$	$\sqrt{198}$	$\sqrt{165}$	$\sqrt{44}$	$\sqrt{3}$
$(\frac{15}{2}, \frac{9}{2})$	$\sqrt{1547}$	-24	$-\sqrt{147}$	$\sqrt{250}$	$\sqrt{486}$	$\sqrt{88}$
$(\frac{13}{2}, \frac{9}{2})$	$\sqrt{52}$	$\sqrt{18}$	$-\sqrt{6}$	$-\sqrt{5}$	$\sqrt{12}$	$\sqrt{11}$
$(\frac{11}{2}, \frac{9}{2})$	$\sqrt{1001}$	$-\sqrt{128}$	$\sqrt{294}$	$-\sqrt{180}$	$-\sqrt{3}$	$\sqrt{396}$
$(\frac{9}{2}, \frac{9}{2})$	$\sqrt{1001}$	$\sqrt{15}$	$-\sqrt{80}$	$\sqrt{216}$	$-\sqrt{360}$	$\sqrt{330}$
D	D	$(\frac{11}{2}, -\frac{3}{2})$	$(\frac{11}{2}, -\frac{5}{2})$	$(\frac{11}{2}, -\frac{7}{2})$	$(\frac{11}{2}, -\frac{9}{2})$	$(\frac{11}{2}, -\frac{11}{2})$
		$(3, -3)$	$(3, -2)$	$(3, -1)$	$(3, 0)$	$(3, 1)$

$m = \pm \frac{7}{2}$	D	$(\frac{11}{2}, \frac{1}{2})(3, 3)$	$(\frac{11}{2}, \frac{3}{2})(3, 2)$	$(\frac{11}{2}, \frac{5}{2})(3, 1)$
		$(3, 3)$	$(3, 2)$	$(3, 1)$
$(\frac{17}{2}, \frac{7}{2})$	$\sqrt{6188}$	$\sqrt{462}$	$\sqrt{1980}$	$\sqrt{2475}$
$(\frac{15}{2}, \frac{7}{2})$	$\sqrt{4641}$	$-\sqrt{1260}$	$-\sqrt{1014}$	$\sqrt{120}$
$(\frac{13}{2}, \frac{7}{2})$	$\sqrt{1716}$	$\sqrt{630}$	$-\sqrt{12}$	$-\sqrt{375}$
$(\frac{11}{2}, \frac{7}{2})$	$\sqrt{1001}$	$-\sqrt{224}$	$\sqrt{240}$	$-\sqrt{12}$
$(\frac{9}{2}, \frac{7}{2})$	$\sqrt{9009}$	$\sqrt{525}$	$-\sqrt{1690}$	$\sqrt{2312}$
$(\frac{7}{2}, \frac{7}{2})$	$\sqrt{1287}$	$-\sqrt{6}$	$\sqrt{35}$	$-\sqrt{112}$
D	D	$(\frac{11}{2}, -\frac{1}{2})(3, -3)$	$(\frac{11}{2}, -\frac{3}{2})(3, -2)$	$(\frac{11}{2}, -\frac{5}{2})(3, -1)$
		$(3, -3)$	$(3, -2)$	$(3, -1)$
$(\frac{11}{2}, \frac{7}{2})(3, 0)$	$(\frac{11}{2}, \frac{9}{2})(3, -1)$	$(\frac{11}{2}, \frac{11}{2})(3, -2)$		
	$\sqrt{1100}$	$\sqrt{165}$	$\sqrt{6}$	$(\frac{17}{2}, -\frac{7}{2})$
	$\sqrt{1470}$	$\sqrt{722}$	$\sqrt{55}$	$-(\frac{15}{2}, -\frac{7}{2})$
	$\sqrt{60}$	23	$\sqrt{110}$	$(\frac{13}{2}, -\frac{7}{2})$
	$-\sqrt{147}$	$\sqrt{180}$	$\sqrt{198}$	$-(\frac{11}{2}, -\frac{7}{2})$
	$-\sqrt{1152}$	$-\sqrt{30}$	$\sqrt{3300}$	$(\frac{9}{2}, -\frac{7}{2})$
	$\sqrt{252}$	$-\sqrt{420}$	$\sqrt{462}$	$-(\frac{7}{2}, -\frac{7}{2})$
$(\frac{11}{2}, -\frac{7}{2})(3, 0)$	$(\frac{11}{2}, -\frac{9}{2})(3, 1)$	$(\frac{11}{2}, -\frac{11}{2})(3, 2)$		

$m = \pm \frac{5}{2}$	D	$(\frac{11}{2}, -\frac{1}{2})(3, 3)$	$(\frac{11}{2}, \frac{1}{2})(3, 2)$	$(\frac{11}{2}, \frac{3}{2})(3, 1)$	$(\frac{11}{2}, \frac{5}{2})(3, 0)$
$(\frac{17}{2}, \frac{5}{2})$	$\sqrt{12376}$	$\sqrt{462}$	$\sqrt{2772}$	$\sqrt{4950}$	$\sqrt{3300}$
$(\frac{15}{2}, \frac{5}{2})$	$\sqrt{51051}$	$-\sqrt{9072}$	$-\sqrt{15162}$	$-\sqrt{300}$	$\sqrt{11250}$
$(\frac{13}{2}, \frac{5}{2})$	$\sqrt{3432}$	$\sqrt{1134}$	$\sqrt{84}$	$-\sqrt{726}$	-6
$(\frac{11}{2}, \frac{5}{2})$	$\sqrt{3003}$	$-\sqrt{896}$	$\sqrt{336}$	$\sqrt{96}$	-25
$(\frac{9}{2}, \frac{5}{2})$	$\sqrt{36036}$	$\sqrt{4725}$	$-\sqrt{8750}$	71	$-\sqrt{24}$
$(\frac{7}{2}, \frac{5}{2})$	$\sqrt{9009}$	$-\sqrt{216}$	29	$-\sqrt{1694}$	$\sqrt{2100}$
$(\frac{5}{2}, \frac{5}{2})$	$\sqrt{924}$	1	$-\sqrt{6}$	$\sqrt{21}$	$-\sqrt{56}$
	D	$(\frac{11}{2}, \frac{1}{2})(3, -3)$	$(\frac{11}{2}, -\frac{1}{2})(3, -2)$	$(\frac{11}{2}, -\frac{3}{2})(3, -1)$	$(\frac{11}{2}, -\frac{5}{2})(3, 0)$
	$(\frac{11}{2}, \frac{7}{2})(3, -1)$	$(\frac{11}{2}, \frac{9}{2})(3, -2)$	$(\frac{11}{2}, \frac{11}{2})(3, -3)$		
	$\sqrt{825}$	$\sqrt{66}$	1		$(\frac{17}{2}, -\frac{5}{2})$
	$\sqrt{12800}$	99	$\sqrt{66}$		$(\frac{15}{2}, -\frac{5}{2})$
	29	$\sqrt{578}$	$\sqrt{33}$		$(\frac{13}{2}, -\frac{5}{2})$
	6	$\sqrt{882}$	$\sqrt{132}$		$(\frac{11}{2}, -\frac{5}{2})$
	$-\sqrt{5046}$	$\sqrt{7500}$	$\sqrt{4950}$		$(\frac{9}{2}, -\frac{5}{2})$
	$-\sqrt{1344}$	$\sqrt{42}$	$\sqrt{2772}$		$(\frac{7}{2}, -\frac{5}{2})$
	$\sqrt{126}$	$-\sqrt{252}$	$\sqrt{462}$		$(\frac{5}{2}, -\frac{5}{2})$
	$(\frac{11}{2}, -\frac{7}{2})(3, 1)$	$(\frac{11}{2}, -\frac{9}{2})(3, 2)$	$(\frac{11}{2}, -\frac{11}{2})(3, 3)$		
$m = \pm \frac{3}{2}$	D	$(\frac{11}{2}, -\frac{3}{2})(3, 3)$	$(\frac{11}{2}, -\frac{1}{2})(3, 2)$	$(\frac{11}{2}, \frac{1}{2})(3, 1)$	$(\frac{11}{2}, \frac{3}{2})(3, 0)$
$(\frac{17}{2}, \frac{3}{2})$	$\sqrt{1768}$	$\sqrt{30}$	$\sqrt{252}$	$\sqrt{630}$	$\sqrt{600}$
$(\frac{15}{2}, \frac{3}{2})$	$\sqrt{17017}$	$-\sqrt{1764}$	$-\sqrt{5250}$	$-\sqrt{1344}$	$\sqrt{1620}$
$(\frac{13}{2}, \frac{3}{2})$	$\sqrt{1144}$	$\sqrt{294}$	$\sqrt{140}$	$-\sqrt{126}$	$-\sqrt{120}$
$(\frac{11}{2}, \frac{3}{2})$	$\sqrt{3003}$	$-\sqrt{980}$	$\sqrt{42}$	$\sqrt{420}$	-19
$(\frac{9}{2}, \frac{3}{2})$	$\sqrt{1716}$	$\sqrt{375}$	$-\sqrt{350}$	$\sqrt{35}$	$\sqrt{108}$
$(\frac{7}{2}, \frac{3}{2})$	$\sqrt{3003}$	$-\sqrt{210}$	23	$-\sqrt{640}$	$\sqrt{378}$
$(\frac{5}{2}, \frac{3}{2})$	$\sqrt{924}$	$\sqrt{7}$	$-\sqrt{30}$	$\sqrt{75}$	$-\sqrt{140}$
	D	$(\frac{11}{2}, \frac{3}{2})(3, -3)$	$(\frac{11}{2}, \frac{1}{2})(3, -2)$	$(\frac{11}{2}, -\frac{1}{2})(3, -1)$	$(\frac{11}{2}, -\frac{3}{2})(3, 0)$

$\left(\frac{11}{2}, \frac{5}{2}\right)(3, -1)$	$\left(\frac{11}{2}, \frac{7}{2}\right)(3, -2)$	$\left(\frac{11}{2}, \frac{9}{2}\right)(3, -3)$			
15	$\sqrt{30}$	1	$\left(\frac{17}{2}, -\frac{3}{2}\right)$		
$\sqrt{5070}$	43	$\sqrt{120}$	$-\left(\frac{15}{2}, -\frac{3}{2}\right)$		
$\sqrt{125}$	$\sqrt{294}$	$\sqrt{45}$	$\left(\frac{13}{2}, -\frac{3}{2}\right)$		
$-\sqrt{96}$	$\sqrt{720}$	$\sqrt{384}$	$-\left(\frac{11}{2}, -\frac{3}{2}\right)$		
$-\sqrt{338}$	$\sqrt{60}$	$\sqrt{450}$	$\left(\frac{9}{2}, -\frac{3}{2}\right)$		
$-\sqrt{28}$	$-\sqrt{210}$	$\sqrt{1008}$	$-\left(\frac{7}{2}, -\frac{3}{2}\right)$		
$\sqrt{210}$	$-\sqrt{252}$	$\sqrt{210}$	$\left(\frac{5}{2}, -\frac{3}{2}\right)$		
$\left(\frac{11}{2}, -\frac{5}{2}\right)(3, 1)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)(3, 2)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)(3, 3)$			
$m = \pm \frac{1}{2}$	D	$\left(\frac{11}{2}, -\frac{5}{2}\right)(3, 3)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)(3, 2)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)(3, 1)$	$\left(\frac{11}{2}, \frac{1}{2}\right)(3, 0)$
$\left(\frac{17}{2}, \frac{1}{2}\right)$	$\sqrt{442}$	$\sqrt{3}$	6	$\sqrt{126}$	$\sqrt{168}$
$\left(\frac{15}{2}, \frac{1}{2}\right)$	$\sqrt{7293}$	$-\sqrt{384}$	$-\sqrt{1922}$	$-\sqrt{1372}$	$\sqrt{84}$
$\left(\frac{13}{2}, \frac{1}{2}\right)$	$\sqrt{858}$	$\sqrt{147}$	14	$-\sqrt{14}$	$-\sqrt{168}$
$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\sqrt{429}$	$-\sqrt{128}$	$-\sqrt{6}$	$\sqrt{84}$	$-\sqrt{7}$
$\left(\frac{9}{2}, \frac{1}{2}\right)$	$\sqrt{2574}$	$\sqrt{750}$	$-\sqrt{250}$	$-\sqrt{35}$	$\sqrt{420}$
$\left(\frac{7}{2}, \frac{1}{2}\right)$	$\sqrt{9009}$	$-\sqrt{1344}$	$\sqrt{2023}$	$-\sqrt{1250}$	$\sqrt{150}$
$\left(\frac{5}{2}, \frac{1}{2}\right)$	$\sqrt{462}$	$\sqrt{14}$	$-\sqrt{42}$	$\sqrt{75}$	-10
D		$\left(\frac{11}{2}, \frac{5}{2}\right)(3, -3)$	$\left(\frac{11}{2}, \frac{3}{2}\right)(3, -2)$	$\left(\frac{11}{2}, \frac{1}{2}\right)(3, -1)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)(3, 0)$
$\left(\frac{11}{2}, \frac{3}{2}\right)(3, -1)$	$\left(\frac{11}{2}, \frac{5}{2}\right)(3, -2)$	$\left(\frac{11}{2}, \frac{7}{2}\right)(3, -3)$			
$\sqrt{90}$	$\sqrt{18}$	1	$\left(\frac{17}{2}, -\frac{1}{2}\right)$		
$\sqrt{2000}$	37	$\sqrt{162}$	$-\left(\frac{15}{2}, -\frac{1}{2}\right)$		
$\sqrt{10}$	$\sqrt{242}$	9	$\left(\frac{13}{2}, -\frac{1}{2}\right)$		
$-\sqrt{60}$	$\sqrt{48}$	$\sqrt{96}$	$-\left(\frac{11}{2}, -\frac{1}{2}\right)$		
-17	$-\sqrt{20}$	$\sqrt{810}$	$\left(\frac{9}{2}, -\frac{1}{2}\right)$		
$\sqrt{280}$	$-\sqrt{1694}$	$\sqrt{2268}$	$-\left(\frac{7}{2}, -\frac{1}{2}\right)$		
$\sqrt{105}$	$-\sqrt{84}$	$\sqrt{42}$	$\left(\frac{5}{2}, -\frac{1}{2}\right)$		
$\left(\frac{11}{2}, -\frac{3}{2}\right)(3, 1)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)(3, 2)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)(3, 3)$			

$j' = 3 \quad j = 6$ $m = \pm 8$

	D	$(6, 5)(3, 3)$	$(6, 6)(3, 2)$	
(9, 8)	$\sqrt{6}$	2	$\sqrt{2}$	(9, -8)
(8, 8)	$\sqrt{6}$	$-\sqrt{2}$	2	-(8, -8)
	D	$(6, -5)(3, -3)$	$(6, -6)(3, -2)$	

 $m = \pm 7$

	D	$(6, 4)(3, 3)$	$(6, 5)(3, 2)$	$(6, 6)(3, 1)$	
(9, 7)	$\sqrt{51}$	$\sqrt{22}$	$\sqrt{24}$	$\sqrt{5}$	(9, -7)
(8, 7)	$\sqrt{24}$	$-\sqrt{11}$	$\sqrt{3}$	$\sqrt{10}$	-(8, -7)
(7, 7)	$\sqrt{136}$	$\sqrt{15}$	$-\sqrt{55}$	$\sqrt{66}$	(7, -7)
	D	$(6, -4)(3, -3)$	$(6, -5)(3, -2)$	$(6, -6)(3, -1)$	

 $m = \pm 6$

	D	$(6, 3)(3, 3)$	$(6, 4)(3, 2)$	$(6, 5)(3, 1)$	$(6, 6)(3, 0)$	
(9, 6)	$\sqrt{204}$	$\sqrt{55}$	$\sqrt{99}$	$\sqrt{45}$	$\sqrt{5}$	(9, -6)
(8, 6)	$\sqrt{24}$	$-\sqrt{11}$	0	3	2	-(8, -6)
(7, 6)	$\sqrt{952}$	15	$-\sqrt{320}$	$\sqrt{11}$	$\sqrt{396}$	(7, -6)
(6, 6)	$\sqrt{28}$	-1	$\sqrt{5}$	$-\sqrt{11}$	$\sqrt{11}$	-(6, -6)
	D	$(6, -3)(3, -3)$	$(6, -4)(3, -2)$	$(6, -5)(3, -1)$	$(6, -6)(3, 0)$	

 $m = \pm 5$

	D	$(6, 2)(3, 3)$	$(6, 3)(3, 2)$	$(6, 4)(3, 1)$	$(6, 5)(3, 0)$	$(6, 6)(3, -1)$	
(9, 5)	$\sqrt{204}$	$\sqrt{33}$	$\sqrt{88}$	$\sqrt{66}$	4	1	(9, -5)
(8, 5)	$\sqrt{168}$	$-\sqrt{66}$	$-\sqrt{11}$	$\sqrt{33}$	$\sqrt{50}$	$\sqrt{8}$	-(8, -5)
(7, 5)	$\sqrt{12376}$	$\sqrt{4050}$	$-\sqrt{1875}$	-29	$\sqrt{3234}$	$\sqrt{2376}$	(7, -5)
(6, 5)	$\sqrt{28}$	$-\sqrt{3}$	$\sqrt{8}$	$-\sqrt{6}$	0	$\sqrt{11}$	-(6, -5)
(5, 5)	$\sqrt{91}$	1	$-\sqrt{6}$	$\sqrt{18}$	$-\sqrt{33}$	$\sqrt{33}$	(5, -5)
	D	$(6, -2)(3, -3)$	$(6, -3)(3, -2)$	$(6, -4)(3, -1)$	$(6, -5)(3, 0)$	$(6, -6)(3, 1)$	

 $m = \pm 4$

	D	$(6, 1)(3, 3)$	$(6, 2)(3, 2)$	$(6, 3)(3, 1)$	
(9, 4)	$\sqrt{1428}$	$\sqrt{132}$	$\sqrt{495}$	$\sqrt{550}$	
(8, 4)	$\sqrt{1092}$	$-\sqrt{330}$	$-\sqrt{198}$	$\sqrt{55}$	
(7, 4)	$\sqrt{6188}$	$\sqrt{2250}$	$-\sqrt{150}$	$-\sqrt{1215}$	
(6, 4)	$\sqrt{308}$	$-\sqrt{60}$	9	$-\sqrt{10}$	
(5, 4)	$\sqrt{91}$	2	$-\sqrt{15}$	$\sqrt{24}$	
(4, 4)	$\sqrt{1001}$	$-\sqrt{3}$	$\sqrt{20}$	$-\sqrt{72}$	
	D	$(6, -1)(3, -3)$	$(6, -2)(3, -2)$	$(6, -3)(3, -1)$	

$(6, 4)(3, 0)$	$(6, 5)(3, -1)$	$(6, 6)(3, -2)$	
$\sqrt{220}$	$\sqrt{30}$	1	$(9, -4)$
$\sqrt{352}$	$\sqrt{147}$	$\sqrt{10}$	$-(8, -4)$
$\sqrt{384}$	$\sqrt{1859}$	$\sqrt{330}$	$(7, -4)$
-6	$\sqrt{66}$	$\sqrt{55}$	$-(6, -4)$
$-\sqrt{15}$	0	$\sqrt{33}$	$(5, -4)$
$\sqrt{180}$	$-\sqrt{330}$	$\sqrt{396}$	$-(4, -4)$

$(6, -4)(3, 0) \quad (6, -5)(3, 1) \quad (6, -6)(3, 2)$

$m = \pm 3$	D	$(6, 0)(3, 3)$	$(6, 1)(3, 2)$	$(6, 2)(3, 1)$	$(6, 3)(3, 0)$
(9, 3)	$\sqrt{18564}$	$\sqrt{924}$	$\sqrt{4752}$	$\sqrt{7425}$	$\sqrt{4400}$
(8, 3)	$\sqrt{2184}$	$-\sqrt{462}$	$-\sqrt{594}$	0	$\sqrt{550}$
(7, 3)	$\sqrt{136136}$	$\sqrt{47250}$	$\sqrt{750}$	$-\sqrt{30720}$	$-\sqrt{90}$
(6, 3)	$\sqrt{308}$	$-\sqrt{84}$	$\sqrt{48}$	$\sqrt{3}$	-8
(5, 3)	$\sqrt{273}$	$\sqrt{28}$	-8	7	$-\sqrt{3}$
(4, 3)	$\sqrt{4004}$	$-\sqrt{63}$	17	$-\sqrt{676}$	$\sqrt{972}$
(3, 3)	$\sqrt{1716}$	1	$-\sqrt{7}$	$\sqrt{28}$	$-\sqrt{84}$

$D \quad (6, 0)(3, -3) \quad (6, -1)(3, -2) \quad (6, -2)(3, -1) \quad (6, -3)(3, 0)$

$(6, 4)(3, -1)$	$(6, 5)(3, -2)$	$(6, 6)(3, -3)$	
$\sqrt{990}$	$\sqrt{72}$	1	$(9, -3)$
$\sqrt{495}$	9	$\sqrt{2}$	$-(8, -3)$
191	$\sqrt{19855}$	$\sqrt{990}$	$(7, -3)$
$\sqrt{10}$	$\sqrt{88}$	$\sqrt{11}$	$-(6, -3)$
$-\sqrt{30}$	$\sqrt{66}$	$\sqrt{33}$	$(5, -3)$
$-\sqrt{750}$	$\sqrt{66}$	$\sqrt{1188}$	$-(4, -3)$
$\sqrt{210}$	$-\sqrt{462}$	$\sqrt{924}$	$(3, -3)$

$(6, -4)(3, 1) \quad (6, -5)(3, 2) \quad (6, -6)(3, 3)$

$m = \pm 2$	D	$(6, -1)(3, 3)$	$(6, 0)(3, 2)$	$(6, 1)(3, 1)$	$(6, 2)(3, 0)$
(9, 2)	$\sqrt{2652}$	$\sqrt{66}$	$\sqrt{462}$	$\sqrt{990}$	$\sqrt{825}$
(8, 2)	$\sqrt{2184}$	$-\sqrt{294}$	$-\sqrt{672}$	$-\sqrt{90}$	$\sqrt{300}$
(7, 2)	$\sqrt{136136}$	$\sqrt{39690}$	$\sqrt{10080}$	$-\sqrt{20886}$	$-\sqrt{8820}$
(6, 2)	$\sqrt{308}$	$-\sqrt{98}$	$\sqrt{14}$	$\sqrt{30}$	-7
(5, 2)	$\sqrt{273}$	7	$-\sqrt{63}$	$\sqrt{15}$	$\sqrt{8}$
(4, 2)	$\sqrt{572}$	$-\sqrt{27}$	$\sqrt{84}$	$-\sqrt{125}$	$\sqrt{96}$
(3, 2)	$\sqrt{1716}$	$\sqrt{7}$	-6	$\sqrt{105}$	$-\sqrt{224}$

$D \quad (6, 1)(3, -3) \quad (6, 0)(3, -2) \quad (6, -1)(3, -1) \quad (6, -2)(3, 0)$

$(6, 3)(3, -1)$	$(6, 4)(3, -2)$	$(6, 5)(3, -3)$	
$\sqrt{275}$	$\sqrt{33}$	1	$(9, -2)$
25	$\sqrt{192}$	$\sqrt{11}$	$-(8, -2)$
$\sqrt{20535}$	$\sqrt{32000}$	$\sqrt{4125}$	$(7, -2)$
$-\sqrt{3}$	9	$\sqrt{33}$	$-(6, -2)$
$-\sqrt{54}$	$\sqrt{18}$	$\sqrt{66}$	$(5, -2)$
$-\sqrt{18}$	$-\sqrt{24}$	$\sqrt{198}$	$-(4, -2)$
$\sqrt{378}$	$-\sqrt{504}$	$\sqrt{462}$	$(3, -2)$
$(6, -3)(3, 1)$ $(6, -4)(3, 2)$ $(6, -5)(3, 3)$			

$m = \pm 1$	D	$(6, -2)(3, 3)$	$(6, -1)(3, 2)$	$(6, 0)(3, 1)$	$(6, 1)(3, 0)$
(9, 1)	$\sqrt{1326}$	$\sqrt{15}$	12	$\sqrt{420}$	$\sqrt{480}$
(8, 1)	$\sqrt{312}$	$-\sqrt{24}$	$-\sqrt{90}$	$-\sqrt{42}$	$\sqrt{12}$
(7, 1)	$\sqrt{136136}$	$\sqrt{29400}$	$\sqrt{24010}$	$-\sqrt{7098}$	$-\sqrt{22188}$
(6, 1)	$\sqrt{154}$	-7	0	$\sqrt{28}$	$-\sqrt{8}$
(5, 1)	$\sqrt{39}$	$\sqrt{10}$	$-\sqrt{6}$	0	$\sqrt{5}$
(4, 1)	$\sqrt{572}$	$-\sqrt{60}$	11	$-\sqrt{105}$	$\sqrt{30}$
(3, 1)	$\sqrt{1716}$	$\sqrt{28}$	$-\sqrt{105}$	15	$-\sqrt{350}$
	D	$(6, 2)(3, -3)$	$(6, 1)(3, -2)$	$(6, 0)(3, -1)$	$(6, -1)(3, 0)$

$(6, 2)(3, -1)$	$(6, 3)(3, -2)$	$(6, 4)(3, -3)$	
$\sqrt{225}$	$\sqrt{40}$	$\sqrt{2}$	$(9, -1)$
$\sqrt{90}$	7	$\sqrt{5}$	$-(8, -1)$
$\sqrt{5290}$	195	$\sqrt{10125}$	$(7, -1)$
$-\sqrt{15}$	$\sqrt{24}$	$\sqrt{30}$	$-(6, -1)$
$-\sqrt{6}$	0	$\sqrt{12}$	$(5, -1)$
2	$-\sqrt{90}$	$\sqrt{162}$	$-(4, -1)$
$\sqrt{420}$	$-\sqrt{378}$	$\sqrt{210}$	$(3, -1)$
$(6, -2)(3, 1)$ $(6, -3)(3, 2)$ $(6, -4)(3, 3)$			

$m = 0$	D	$(6, -3)(3, 3)$	$(6, -2)(3, 2)$	$(6, -1)(3, 1)$	$(6, 0)(3, 0)$
(9, 0)	$\sqrt{442}$	$\sqrt{2}$	$\sqrt{27}$	$\sqrt{108}$	$\sqrt{168}$
(8, 0)	$\sqrt{26}$	-1	$-\sqrt{6}$	$-\sqrt{6}$	0
(7, 0)	$\sqrt{4862}$	$\sqrt{675}$	$\sqrt{1250}$	$-\sqrt{2}$	$-\sqrt{1008}$
(6, 0)	$\sqrt{22}$	$-\sqrt{6}$	-1	2	0
(5, 0)	$\sqrt{39}$	$\sqrt{12}$	$-\sqrt{2}$	$-\sqrt{2}$	$\sqrt{7}$
(4, 0)	$\sqrt{236}$	$-\sqrt{54}$	8	-5	0
(3, 0)	$\sqrt{858}$	$\sqrt{42}$	$-\sqrt{112}$	$\sqrt{175}$	$-\sqrt{200}$

	(6, 1)(3, -1)	(6, 2)(3, -2)	(6, 3)(3, -3)
	$\sqrt{108}$	$\sqrt{27}$	$\sqrt{2}$
	$\sqrt{6}$	$\sqrt{6}$	1
	$-\sqrt{2}$	$\sqrt{1250}$	$\sqrt{675}$
	-2	1	$\sqrt{6}$
	$-\sqrt{2}$	$-\sqrt{2}$	$\sqrt{12}$
	5	-8	$\sqrt{54}$
	$\sqrt{175}$	$-\sqrt{112}$	$\sqrt{42}$

 $j' = 7/2$
 $j = 5$

$m = \pm \frac{15}{2}$	D	$(5, 4)\left(\frac{7}{2}, \frac{7}{2}\right)$	$(5, 5)\left(\frac{7}{2}, \frac{5}{2}\right)$	
$\left(\frac{17}{2}, \frac{15}{2}\right)$	$\sqrt{17}$	$\sqrt{10}$	$\sqrt{7}$	$\left(\frac{17}{2}, -\frac{15}{2}\right)$
$\left(\frac{15}{2}, \frac{15}{2}\right)$	$\sqrt{17}$	$-\sqrt{7}$	$\sqrt{10}$	$-\left(\frac{15}{2}, -\frac{15}{2}\right)$
	D	$(5, -4)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$(5, -5)\left(\frac{7}{2}, -\frac{5}{2}\right)$	

$m = \pm \frac{13}{2}$	D	$(5, 3)\left(\frac{7}{2}, \frac{7}{2}\right)$	$(5, 4)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(5, 5)\left(\frac{7}{2}, \frac{3}{2}\right)$	
$\left(\frac{17}{2}, \frac{13}{2}\right)$	$\sqrt{136}$	$\sqrt{45}$	$\sqrt{70}$	$\sqrt{21}$	$\left(\frac{17}{2}, -\frac{13}{2}\right)$
$\left(\frac{15}{2}, \frac{13}{2}\right)$	$\sqrt{85}$	$-\sqrt{42}$	$\sqrt{3}$	$\sqrt{40}$	$-\left(\frac{15}{2}, -\frac{13}{2}\right)$
$\left(\frac{13}{2}, \frac{13}{2}\right)$	$\sqrt{40}$	$\sqrt{7}$	$-\sqrt{18}$	$\sqrt{15}$	$\left(\frac{13}{2}, -\frac{13}{2}\right)$
	D	$(5, -3)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$(5, -4)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$(5, -5)\left(\frac{7}{2}, -\frac{3}{2}\right)$	

$m = \pm \frac{11}{2}$	D	$(5, 2)\left(\frac{7}{2}, \frac{7}{2}\right)$	$(5, 3)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(5, 4)\left(\frac{7}{2}, \frac{3}{2}\right)$	$(5, 5)\left(\frac{7}{2}, \frac{1}{2}\right)$	
$\left(\frac{17}{2}, \frac{11}{2}\right)$	$\sqrt{136}$	$\sqrt{24}$	$\sqrt{63}$	$\sqrt{42}$	$\sqrt{7}$	$\left(\frac{17}{2}, -\frac{11}{2}\right)$
$\left(\frac{15}{2}, \frac{11}{2}\right)$	$\sqrt{595}$	$-\sqrt{252}$	$-\sqrt{24}$	13	$\sqrt{150}$	$\left(\frac{15}{2}, -\frac{11}{2}\right)$
$\left(\frac{13}{2}, \frac{11}{2}\right)$	$\sqrt{520}$	$\sqrt{168}$	-11	$-\sqrt{6}$	15	$\left(\frac{13}{2}, -\frac{11}{2}\right)$
$\left(\frac{11}{2}, \frac{11}{2}\right)$	$\sqrt{91}$	$-\sqrt{7}$	$\sqrt{24}$	-6	$\sqrt{24}$	$\left(\frac{11}{2}, -\frac{11}{2}\right)$
	D	$(5, -2)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$(5, -3)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$(5, -4)\left(\frac{7}{2}, -\frac{3}{2}\right)$	$(5, -5)\left(\frac{7}{2}, -\frac{1}{2}\right)$	

$m = \pm \frac{9}{2}$	D	$(5, 1)\left(\frac{7}{2}, \frac{7}{2}\right)$	$(5, 2)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(5, 3)\left(\frac{7}{2}, \frac{3}{2}\right)$
$\left(\frac{17}{2}, \frac{9}{2}\right)$	$\sqrt{68}$	$\sqrt{6}$	$\sqrt{24}$	$\sqrt{27}$
$\left(\frac{15}{2}, \frac{9}{2}\right)$	$\sqrt{7735}$	$-\sqrt{2352}$	$-\sqrt{1452}$	$\sqrt{486}$
$\left(\frac{13}{2}, \frac{9}{2}\right)$	$\sqrt{2340}$	$\sqrt{882}$	$-\sqrt{72}$	-21
$\left(\frac{11}{2}, \frac{9}{2}\right)$	$\sqrt{1001}$	-14	17	$-\sqrt{72}$
$\left(\frac{9}{2}, \frac{9}{2}\right)$	$\sqrt{143}$	$\sqrt{5}$	$-\sqrt{20}$	$\sqrt{40}$
	D	$(5, -1)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$(5, -2)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$(5, -3)\left(\frac{7}{2}, -\frac{3}{2}\right)$
		$(5, 4)\left(\frac{7}{2}, \frac{1}{2}\right)$	$(5, 5)\left(\frac{7}{2}, -\frac{1}{2}\right)$	
		$\sqrt{10}$	1	$\left(\frac{17}{2}, -\frac{9}{2}\right)$
		$\sqrt{2645}$	$\sqrt{800}$	$-\left(\frac{15}{2}, -\frac{9}{2}\right)$
		$\sqrt{270}$	$\sqrt{675}$	$\left(\frac{13}{2}, -\frac{9}{2}\right)$
		$-\sqrt{60}$	$\sqrt{384}$	$-\left(\frac{11}{2}, -\frac{9}{2}\right)$
		$-\sqrt{48}$	$\sqrt{30}$	$\left(\frac{9}{2}, -\frac{9}{2}\right)$
		$(5, -4)\left(\frac{7}{2}, -\frac{1}{2}\right)$	$(5, -5)\left(\frac{7}{2}, \frac{1}{2}\right)$	
$m = \pm \frac{7}{2}$	D	$(5, 0)\left(\frac{7}{2}, \frac{7}{2}\right)$	$(5, 1)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(5, 2)\left(\frac{7}{2}, \frac{3}{2}\right)$
$\left(\frac{17}{2}, \frac{7}{2}\right)$	$\sqrt{884}$	6	$\sqrt{210}$	$\sqrt{360}$
$\left(\frac{15}{2}, \frac{7}{2}\right)$	$\sqrt{7735}$	$-\sqrt{1470}$	$-\sqrt{2268}$	$-\sqrt{12}$
$\left(\frac{13}{2}, \frac{7}{2}\right)$	$\sqrt{2860}$	$\sqrt{980}$	$\sqrt{42}$	$-\sqrt{648}$
$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\sqrt{1001}$	$-\sqrt{294}$	$\sqrt{140}$	$\sqrt{15}$
$\left(\frac{9}{2}, \frac{7}{2}\right)$	$\sqrt{429}$	$\sqrt{50}$	$-\sqrt{105}$	$\sqrt{80}$
$\left(\frac{7}{2}, \frac{7}{2}\right)$	$\sqrt{429}$	$-\sqrt{7}$	$\sqrt{30}$	$-\sqrt{70}$
	D	$(5, 0)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$(5, -1)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$(5, -2)\left(\frac{7}{2}, -\frac{3}{2}\right)$

$(5, 3)\left(\frac{7}{2}, \frac{1}{2}\right)$	$(5, 4)\left(\frac{7}{2}, -\frac{1}{2}\right)$	$(5, 5)\left(\frac{7}{2}, -\frac{3}{2}\right)$	
15	$\sqrt{50}$	$\sqrt{3}$	$\left(\frac{17}{2}, -\frac{7}{2}\right)$
$\sqrt{1920}$	$\sqrt{1815}$	$\sqrt{250}$	$-\left(\frac{15}{2}, -\frac{7}{2}\right)$
$-\sqrt{5}$	$\sqrt{810}$	$\sqrt{375}$	$\left(\frac{13}{2}, -\frac{7}{2}\right)$
$-\sqrt{216}$	$\sqrt{48}$	$\sqrt{288}$	$-\left(\frac{11}{2}, -\frac{7}{2}\right)$
$-\sqrt{8}$	-6	$\sqrt{150}$	$\left(\frac{9}{2}, -\frac{7}{2}\right)$
$\sqrt{112}$	$-\sqrt{126}$	$\sqrt{84}$	$-\left(\frac{7}{2}, -\frac{7}{2}\right)$
$(5, -3)\left(\frac{7}{2}, -\frac{1}{2}\right)$	$(5, -4)\left(\frac{7}{2}, \frac{1}{2}\right)$	$(5, -5)\left(\frac{7}{2}, \frac{3}{2}\right)$	

$m = \pm \frac{5}{2}$	D	$(5, -1)\left(\frac{7}{2}, \frac{7}{2}\right)$	$(5, 0)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(5, 1)\left(\frac{7}{2}, \frac{3}{2}\right)$
$\left(\frac{17}{2}, \frac{5}{2}\right)$	$\sqrt{1768}$	$\sqrt{30}$	$\sqrt{252}$	$\sqrt{630}$
$\left(\frac{15}{2}, \frac{5}{2}\right)$	$\sqrt{17017}$	-42	$-\sqrt{5250}$	$-\sqrt{1344}$
$\left(\frac{13}{2}, \frac{5}{2}\right)$	$\sqrt{1144}$	$\sqrt{294}$	$\sqrt{140}$	$-\sqrt{126}$
$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\sqrt{3003}$	$-\sqrt{980}$	$\sqrt{42}$	$\sqrt{420}$
$\left(\frac{9}{2}, \frac{5}{2}\right)$	$\sqrt{1716}$	$\sqrt{375}$	$-\sqrt{350}$	$\sqrt{35}$
$\left(\frac{7}{2}, \frac{5}{2}\right)$	$\sqrt{3003}$	$-\sqrt{210}$	23	$-\sqrt{640}$
$\left(\frac{5}{2}, \frac{5}{2}\right)$	$\sqrt{924}$	$\sqrt{7}$	$-\sqrt{30}$	$\sqrt{75}$
		$(5, 1)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$(5, 0)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$(5, -1)\left(\frac{7}{2}, -\frac{3}{2}\right)$

$(5, 2)\left(\frac{7}{2}, \frac{1}{2}\right)$	$(5, 3)\left(\frac{7}{2}, -\frac{1}{2}\right)$	$(5, 4)\left(\frac{7}{2}, -\frac{3}{2}\right)$	$(5, 5)\left(\frac{7}{2}, -\frac{5}{2}\right)$	
$\sqrt{600}$	15	$\sqrt{30}$	1	$\left(\frac{17}{2}, -\frac{5}{2}\right)$
$\sqrt{1620}$	$\sqrt{5070}$	43	$\sqrt{120}$	$-\left(\frac{15}{2}, -\frac{5}{2}\right)$
$-\sqrt{120}$	$\sqrt{125}$	$\sqrt{294}$	$\sqrt{45}$	$\left(\frac{13}{2}, -\frac{5}{2}\right)$
-19	$-\sqrt{96}$	$\sqrt{720}$	$\sqrt{384}$	$-\left(\frac{11}{2}, -\frac{5}{2}\right)$
$\sqrt{108}$	$-\sqrt{338}$	$\sqrt{60}$	$\sqrt{450}$	$\left(\frac{9}{2}, -\frac{5}{2}\right)$
$\sqrt{378}$	$-\sqrt{28}$	$-\sqrt{210}$	$\sqrt{1008}$	$-\left(\frac{7}{2}, -\frac{5}{2}\right)$
$-\sqrt{140}$	$\sqrt{210}$	$-\sqrt{252}$	$\sqrt{210}$	$\left(\frac{5}{2}, -\frac{5}{2}\right)$
$(5, -2)\left(\frac{7}{2}, -\frac{1}{2}\right)$	$(5, -3)\left(\frac{7}{2}, \frac{1}{2}\right)$	$(5, -4)\left(\frac{7}{2}, \frac{3}{2}\right)$	$(5, -5)\left(\frac{7}{2}, \frac{5}{2}\right)$	

$m = \pm \frac{3}{2}$	D	$(5, +2)\left(\frac{7}{2}, \frac{7}{2}\right)$	$(5, -1)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(5, 0)\left(\frac{7}{2}, \frac{3}{2}\right)$	$(5, 1)\left(\frac{7}{2}, \frac{1}{2}\right)$
$\left(\frac{17}{2}, \frac{3}{2}\right)$	$\sqrt{19448}$	$\sqrt{120}$	$\sqrt{1470}$	$\sqrt{5292}$	$\sqrt{7350}$
$\left(\frac{15}{2}, \frac{3}{2}\right)$	$\sqrt{85085}$	$-\sqrt{4116}$	$-\sqrt{21504}$	$-\sqrt{17010}$	$\sqrt{420}$
$\left(\frac{13}{2}, \frac{3}{2}\right)$	$\sqrt{17160}$	$\sqrt{2744}$	$\sqrt{4046}$	$-\sqrt{140}$	$-\sqrt{3430}$
$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\sqrt{6006}$	$-\sqrt{1715}$	$-\sqrt{140}$	$\sqrt{1134}$	$-\sqrt{28}$
$\left(\frac{9}{2}, \frac{3}{2}\right)$	$\sqrt{1716}$	$\sqrt{500}$	$-\sqrt{125}$	$-\sqrt{50}$	17
$\left(\frac{7}{2}, \frac{3}{2}\right)$	$\sqrt{3003}$	$-\sqrt{490}$	$\sqrt{640}$	-17	$\sqrt{2}$
$\left(\frac{5}{2}, \frac{3}{2}\right)$	$\sqrt{4620}$	14	-23	$\sqrt{810}$	$-\sqrt{845}$
$\left(\frac{3}{2}, \frac{3}{2}\right)$	$\sqrt{330}$	-1	2	$-\sqrt{10}$	$\sqrt{20}$
	D	$(5, 2)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$(5, 1)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$(5, 0)\left(\frac{7}{2}, -\frac{3}{2}\right)$	$(5, -1)\left(\frac{7}{2}, -\frac{1}{2}\right)$
		$(5, 2)\left(\frac{7}{2}, -\frac{1}{2}\right)$	$(5, 3)\left(\frac{7}{2}, -\frac{3}{2}\right)$	$(5, 4)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$(5, 5)\left(\frac{7}{2}, -\frac{7}{2}\right)$
		$\sqrt{4200}$	$\sqrt{945}$	$\sqrt{70}$	1
		$\sqrt{21660}$	$\sqrt{17496}$	53	$\sqrt{70}$
		$\sqrt{40}$	67	$\sqrt{2166}$	$\sqrt{105}$
		-31	$\sqrt{360}$	$\sqrt{1500}$	$\sqrt{168}$
		$-\sqrt{112}$	$-\sqrt{70}$	$\sqrt{420}$	$\sqrt{150}$
		$\sqrt{224}$	$-\sqrt{560}$	$\sqrt{210}$	$\sqrt{588}$
		$\sqrt{560}$	$-\sqrt{126}$	$-\sqrt{84}$	$\sqrt{1470}$
		$-\sqrt{35}$	$\sqrt{56}$	$-\sqrt{84}$	$\sqrt{120}$
		$(5, +2)\left(\frac{7}{2}, \frac{1}{2}\right)$	$(5, -3)\left(\frac{7}{2}, \frac{3}{2}\right)$	$(5, -4)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(5, -5)\left(\frac{7}{2}, \frac{7}{2}\right)$

$m = \pm \frac{1}{2}$	D	$(5, -3)\left(\frac{7}{2}, \frac{7}{2}\right)$	$(5, -2)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(5, -1)\left(\frac{7}{2}, \frac{3}{2}\right)$	$(5, 0)\left(\frac{7}{2}, \frac{1}{2}\right)$
$\left(\frac{17}{2}, \frac{1}{2}\right)$	$\sqrt{4862}$	3	$\sqrt{168}$	$\sqrt{882}$	42
$\left(\frac{15}{2}, \frac{1}{2}\right)$	$\sqrt{12155}$	$-\sqrt{224}$	$-\sqrt{2028}$	$-\sqrt{3388}$	$-\sqrt{350}$
$\left(\frac{13}{2}, \frac{1}{2}\right)$	$\sqrt{4290}$	$\sqrt{343}$	$\sqrt{1176}$	$\sqrt{126}$	$-\sqrt{700}$
$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\sqrt{858}$	$-\sqrt{168}$	-11	$\sqrt{84}$	$\sqrt{42}$
$\left(\frac{9}{2}, \frac{1}{2}\right)$	$\sqrt{858}$	$\sqrt{250}$	0	$-\sqrt{125}$	$\sqrt{90}$
$\left(\frac{7}{2}, \frac{1}{2}\right)$	$\sqrt{3003}$	-28	$\sqrt{378}$	$-\sqrt{2}$	-15
$\left(\frac{5}{2}, \frac{1}{2}\right)$	$\sqrt{2310}$	$\sqrt{294}$	$-\sqrt{448}$	$\sqrt{363}$	$-\sqrt{150}$
$\left(\frac{3}{2}, \frac{1}{2}\right)$	$\sqrt{330}$	$-\sqrt{8}$	$\sqrt{21}$	-6	$\sqrt{50}$
D	$(5, 3)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$(5, 2)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$(5, 1)\left(\frac{7}{2}, -\frac{3}{2}\right)$	$(5, 0)\left(\frac{7}{2}, -\frac{1}{2}\right)$	
	$(5, 1)\left(\frac{7}{2}, -\frac{1}{2}\right)$	$(5, 2)\left(\frac{7}{2}, -\frac{3}{2}\right)$	$(5, 3)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$(5, 4)\left(\frac{7}{2}, -\frac{7}{2}\right)$	
	$\sqrt{1470}$	$\sqrt{504}$	$\sqrt{63}$	$\sqrt{2}$	$\left(\frac{17}{2}, -\frac{1}{2}\right)$
	$\sqrt{1680}$	58	$\sqrt{1058}$	$\sqrt{63}$	$-\left(\frac{15}{2}, -\frac{1}{2}\right)$
	$-\sqrt{210}$	$\sqrt{648}$	31	$\sqrt{126}$	$\left(\frac{13}{2}, -\frac{1}{2}\right)$
	$-\sqrt{140}$	$-\sqrt{3}$	$\sqrt{216}$	$\sqrt{84}$	$-\left(\frac{11}{2}, -\frac{1}{2}\right)$
	$\sqrt{3}$	$-\sqrt{140}$	$\sqrt{70}$	$\sqrt{180}$	$\left(\frac{9}{2}, -\frac{1}{2}\right)$
	$\sqrt{480}$	$-\sqrt{224}$	$-\sqrt{28}$	$\sqrt{882}$	$-\left(\frac{7}{2}, -\frac{1}{2}\right)$
	$\sqrt{5}$	$\sqrt{84}$	$-\sqrt{378}$	$\sqrt{588}$	$\left(\frac{5}{2}, -\frac{1}{2}\right)$
	$-\sqrt{60}$	$\sqrt{63}$	$-\sqrt{56}$	6	$-\left(\frac{3}{2}, -\frac{1}{2}\right)$
$(5, -1)\left(\frac{7}{2}, \frac{1}{2}\right)$	$(5, -2)\left(\frac{7}{2}, \frac{3}{2}\right)$	$(5, -3)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(5, -4)\left(\frac{7}{2}, \frac{7}{2}\right)$		

 $j' = 7/2$ $j = 11/2$ $m = \pm 8$

	D	$\left(\frac{11}{2}, \frac{9}{2}\right)\left(\frac{7}{2}, \frac{7}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)\left(\frac{7}{2}, \frac{5}{2}\right)$	
$(9, 8)$	$\sqrt{18}$	$\sqrt{11}$	$\sqrt{7}$	$(9, -8)$
$(8, 8)$	$\sqrt{18}$	$-\sqrt{7}$	$\sqrt{11}$	$-(8, -8)$
D	$\left(\frac{11}{2}, -\frac{9}{2}\right)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)\left(\frac{7}{2}, -\frac{5}{2}\right)$		

$m = \pm 7$	D	$(\frac{11}{2}, \frac{7}{2})(\frac{7}{2}, \frac{7}{2})$	$(\frac{11}{2}, \frac{9}{2})(\frac{7}{2}, \frac{5}{2})$	$(\frac{11}{2}, \frac{11}{2})(\frac{7}{2}, \frac{3}{2})$	
(9, 7)	$\sqrt{153}$	$\sqrt{55}$	$\sqrt{77}$	$\sqrt{21}$	(9, -7)
(8, 7)	$\sqrt{72}$	$-\sqrt{35}$	2	$\sqrt{33}$	-(8, -7)
(7, 7)	$\sqrt{136}$	$\sqrt{21}$	$-\sqrt{60}$	$\sqrt{55}$	(7, -7)
	D	$(\frac{11}{2}, -\frac{7}{2})(\frac{7}{2}, -\frac{7}{2})$	$(\frac{11}{2}, -\frac{9}{2})(\frac{7}{2}, -\frac{5}{2})$	$(\frac{11}{2}, -\frac{11}{2})(\frac{7}{2}, -\frac{3}{2})$	

$m = \pm 6$	D	$(\frac{11}{2}, \frac{5}{2})(\frac{7}{2}, \frac{7}{2})$	$(\frac{11}{2}, \frac{7}{2})(\frac{7}{2}, \frac{5}{2})$	
(9, 6)	$\sqrt{816}$	$\sqrt{165}$	$\sqrt{385}$	
(8, 6)	$\sqrt{48}$	$-\sqrt{21}$	-1	
(7, 6)	$\sqrt{1904}$	$\sqrt{567}$	$-\sqrt{507}$	
(6, 6)	$\sqrt{112}$	$-\sqrt{7}$	$\sqrt{27}$	
	D	$(\frac{11}{2}, -\frac{5}{2})(\frac{7}{2}, -\frac{7}{2})$	$(\frac{11}{2}, -\frac{7}{2})(\frac{7}{2}, -\frac{5}{2})$	
		$(\frac{11}{2}, \frac{9}{2})(\frac{7}{2}, \frac{3}{2})$	$(\frac{11}{2}, \frac{11}{2})(\frac{7}{2}, \frac{1}{2})$	
		$\sqrt{231}$	$\sqrt{35}$	(9, -6)
		$\sqrt{15}$	$\sqrt{11}$	-(8, -6)
		$-\sqrt{5}$	$\sqrt{825}$	(7, -6)
		$-\sqrt{45}$	$\sqrt{33}$	-(6, -6)
		$(\frac{11}{2}, -\frac{9}{2})(\frac{7}{2}, -\frac{3}{2})$	$(\frac{11}{2}, -\frac{11}{2})(\frac{7}{2}, -\frac{1}{2})$	

$m = \pm 5$	D	$(\frac{11}{2}, \frac{3}{2})(\frac{7}{2}, \frac{7}{2})$	$(\frac{11}{2}, \frac{5}{2})(\frac{7}{2}, \frac{5}{2})$	$(\frac{11}{2}, \frac{7}{2})(\frac{7}{2}, \frac{3}{2})$	
(9, 5)	$\sqrt{612}$	$\sqrt{66}$	$\sqrt{231}$	$\sqrt{231}$	
(8, 5)	$\sqrt{2520}$	$-\sqrt{840}$	$-\sqrt{375}$	$\sqrt{240}$	
(7, 5)	$\sqrt{12376}$	$\sqrt{4536}$	-27	-44	
(6, 5)	$\sqrt{84}$	$-\sqrt{14}$	5	-3	
(5, 5)	$\sqrt{273}$	$\sqrt{7}$	$-\sqrt{32}$	$\sqrt{72}$	
	D	$(\frac{11}{2}, -\frac{3}{2})(\frac{7}{2}, -\frac{7}{2})$	$(\frac{11}{2}, -\frac{5}{2})(\frac{7}{2}, -\frac{5}{2})$	$(\frac{11}{2}, -\frac{7}{2})(\frac{7}{2}, -\frac{3}{2})$	

	$(\frac{11}{2}, \frac{9}{2})(\frac{7}{2}, \frac{1}{2})$	$(\frac{11}{2}, \frac{11}{2})(\frac{7}{2}, -\frac{1}{2})$	
	$\sqrt{77}$	$\sqrt{7}$	(9, -5)
	$\sqrt{845}$	$\sqrt{220}$	-(8, -5)
	$\sqrt{1875}$	$\sqrt{3300}$	(7, -5)
	$-\sqrt{3}$	$\sqrt{33}$	-(6, -5)
	$-\sqrt{96}$	$\sqrt{66}$	(5, -5)
	$(\frac{11}{2}, -\frac{9}{2})(\frac{7}{2}, -\frac{1}{2})$	$(\frac{11}{2}, -\frac{11}{2})(\frac{7}{2}, \frac{1}{2})$	

$m = \pm 4$	D	$(\frac{11}{2}, \frac{1}{2})(\frac{7}{2}, \frac{7}{2})$	$(\frac{11}{2}, \frac{3}{2})(\frac{7}{2}, \frac{5}{2})$	$(\frac{11}{2}, \frac{5}{2})(\frac{7}{2}, \frac{3}{2})$	
(9, 4)	$\sqrt{1224}$	$\sqrt{66}$	$\sqrt{330}$	$\sqrt{495}$	
(8, 4)	$\sqrt{6552}$	$-\sqrt{1470}$	$-\sqrt{1734}$	3	
(7, 4)	$\sqrt{12376}$	$\sqrt{4410}$	$\sqrt{18}$	$-\sqrt{2883}$	
(6, 4)	$\sqrt{1848}$	$-\sqrt{490}$	$\sqrt{338}$	$\sqrt{3}$	
(5, 4)	$\sqrt{546}$	7	$-\sqrt{125}$	$\sqrt{120}$	
(4, 4)	$\sqrt{286}$	$-\sqrt{3}$	$\sqrt{15}$	$-\sqrt{40}$	
	D	$(\frac{11}{2}, -\frac{1}{2})(\frac{7}{2}, -\frac{7}{2})$	$(\frac{11}{2}, -\frac{3}{2})(\frac{7}{2}, -\frac{5}{2})$	$(\frac{11}{2}, -\frac{5}{2})(\frac{7}{2}, -\frac{3}{2})$	
		$(\frac{11}{2}, \frac{7}{2})(\frac{7}{2}, \frac{1}{2})$	$(\frac{11}{2}, \frac{9}{2})(\frac{7}{2}, -\frac{1}{2})$	$(\frac{11}{2}, \frac{11}{2})(\frac{7}{2}, -\frac{3}{2})$	
		$\sqrt{275}$	$\sqrt{55}$	$\sqrt{3}$	(9, -4)
		$\sqrt{1805}$	37	$\sqrt{165}$	-(8, -4)
		$\sqrt{15}$	$\sqrt{3675}$	$\sqrt{1375}$	(7, -4)
		$-\sqrt{375}$	$\sqrt{147}$	$\sqrt{495}$	-(6, -4)
		$-\sqrt{24}$	$-\sqrt{30}$	$\sqrt{198}$	(5, -4)
		$\sqrt{72}$	$-\sqrt{90}$	$\sqrt{66}$	-(4, -4)
		$(\frac{11}{2}, -\frac{7}{2})(\frac{7}{2}, -\frac{1}{2})$	$(\frac{11}{2}, -\frac{9}{2})(\frac{7}{2}, \frac{1}{2})$	$(\frac{11}{2}, -\frac{11}{2})(\frac{7}{2}, \frac{3}{2})$	
$m = \pm 3$	D	$(\frac{11}{2}, -\frac{1}{2})(\frac{7}{2}, \frac{7}{2})$	$(\frac{11}{2}, \frac{1}{2})(\frac{7}{2}, \frac{5}{2})$	$(\frac{11}{2}, \frac{3}{2})(\frac{7}{2}, \frac{3}{2})$	$(\frac{11}{2}, \frac{5}{2})(\frac{7}{2}, \frac{1}{2})$
(9, 3)	$\sqrt{2652}$	$\sqrt{66}$	$\sqrt{462}$	$\sqrt{990}$	$\sqrt{825}$
(8, 3)	$\sqrt{2184}$	$-\sqrt{294}$	$-\sqrt{672}$	$-\sqrt{90}$	$\sqrt{300}$
(7, 3)	$\sqrt{136136}$	$\sqrt{39690}$	$\sqrt{10080}$	$-\sqrt{20886}$	$-\sqrt{8820}$
(6, 3)	$\sqrt{308}$	$-\sqrt{98}$	$\sqrt{14}$	$\sqrt{30}$	-7
(5, 3)	$\sqrt{273}$	7	$-\sqrt{63}$	$\sqrt{15}$	$\sqrt{8}$
(4, 3)	$\sqrt{572}$	$-\sqrt{27}$	$\sqrt{84}$	$-\sqrt{125}$	$\sqrt{96}$
(3, 3)	$\sqrt{1716}$	$\sqrt{7}$	-6	$\sqrt{105}$	$-\sqrt{224}$
	D	$(\frac{11}{2}, \frac{1}{2})(\frac{7}{2}, -\frac{7}{2})$	$(\frac{11}{2}, -\frac{1}{2})(\frac{7}{2}, -\frac{5}{2})$	$(\frac{11}{2}, -\frac{3}{2})(\frac{7}{2}, -\frac{3}{2})$	$(\frac{11}{2}, -\frac{5}{2})(\frac{7}{2}, -\frac{1}{2})$
		$(\frac{11}{2}, \frac{7}{2})(\frac{7}{2}, -\frac{1}{2})$	$(\frac{11}{2}, \frac{9}{2})(\frac{7}{2}, -\frac{3}{2})$	$(\frac{11}{2}, \frac{11}{2})(\frac{7}{2}, -\frac{5}{2})$	
		$\sqrt{275}$	$\sqrt{33}$	1	(9, -3)
		25	$\sqrt{192}$	$\sqrt{11}$	-(8, -3)
		$\sqrt{20535}$	$\sqrt{32000}$	$\sqrt{4125}$	(7, -3)
		$-\sqrt{3}$	9	$\sqrt{33}$	-(6, -3)
		$-\sqrt{54}$	$\sqrt{18}$	$\sqrt{66}$	(5, -3)
		$-\sqrt{18}$	$-\sqrt{24}$	$\sqrt{198}$	-(4, -3)
		$\sqrt{378}$	$-\sqrt{504}$	$\sqrt{462}$	(3, -3)
		$(\frac{11}{2}, -\frac{7}{2})(\frac{7}{2}, \frac{1}{2})$	$(\frac{11}{2}, -\frac{9}{2})(\frac{7}{2}, \frac{3}{2})$	$(\frac{11}{2}, -\frac{11}{2})(\frac{7}{2}, \frac{5}{2})$	

$m = \pm 2$	D	$\left(\frac{11}{2}, -\frac{3}{2}\right)\left(\frac{7}{2}, \frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{7}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{7}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)\left(\frac{7}{2}, \frac{1}{2}\right)$
(9, 2)	$\sqrt{31824}$	$\sqrt{330}$	$\sqrt{3234}$	$\sqrt{9702}$	$\sqrt{11550}$
(8, 2)	$\sqrt{144144}$	$-\sqrt{10290}$	$-\sqrt{40362}$	$-\sqrt{21294}$	$\sqrt{3750}$
(7, 2)	$\sqrt{272272}$	$\sqrt{55566}$	$\sqrt{51030}$	$-\sqrt{10290}$	$-\sqrt{47610}$
(6, 2)	$\sqrt{11088}$	$-\sqrt{3430}$	$-\sqrt{14}$	$\sqrt{2058}$	$-\sqrt{338}$
(5, 2)	$\sqrt{6552}$	$\sqrt{1715}$	$-\sqrt{847}$	$-\sqrt{21}$	31
(4, 2)	$\sqrt{1144}$	$-\sqrt{135}$	$\sqrt{243}$	-13	$\sqrt{21}$
(3, 2)	$\sqrt{10296}$	$\sqrt{245}$	-29	$\sqrt{1587}$	$-\sqrt{2023}$
(2, 2)	$\sqrt{792}$	-1	$\sqrt{5}$	$-\sqrt{15}$	$\sqrt{35}$
	D	$\left(\frac{11}{2}, \frac{3}{2}\right)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{7}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)\left(\frac{7}{2}, -\frac{1}{2}\right)$
		$\left(\frac{11}{2}, \frac{5}{2}\right)\left(\frac{7}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)\left(\frac{7}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{9}{2}\right)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)\left(\frac{7}{2}, -\frac{7}{2}\right)$
		$\sqrt{5775}$	$\sqrt{1155}$	$\sqrt{77}$	1
		$\sqrt{39675}$	$\sqrt{25215}$	59	$\sqrt{77}$
		$\sqrt{5445}$	271	$\sqrt{27735}$	$\sqrt{1155}$
		-37	$\sqrt{1125}$	$\sqrt{2523}$	$\sqrt{231}$
		$-\sqrt{722}$	$-\sqrt{90}$	$\sqrt{1734}$	$\sqrt{462}$
		$\sqrt{42}$	$-\sqrt{210}$	$\sqrt{126}$	$\sqrt{198}$
		$\sqrt{1694}$	$-\sqrt{630}$	$-\sqrt{42}$	$\sqrt{3234}$
		$-\sqrt{70}$	$\sqrt{126}$	$-\sqrt{210}$	$\sqrt{330}$
		$\left(\frac{11}{2}, -\frac{5}{2}\right)\left(\frac{7}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)\left(\frac{7}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)\left(\frac{7}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)\left(\frac{7}{2}, \frac{7}{2}\right)$
$m = \pm 1$	D	$\left(\frac{11}{2}, -\frac{5}{2}\right)\left(\frac{7}{2}, \frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)\left(\frac{7}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{7}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{7}{2}, \frac{1}{2}\right)$
(9, 1)	$\sqrt{3978}$	$\sqrt{15}$	$\sqrt{210}$	$\sqrt{882}$	$\sqrt{1470}$
(8, 1)	$\sqrt{10296}$	$-\sqrt{336}$	$-\sqrt{2166}$	$-\sqrt{2520}$	$-\sqrt{42}$
(7, 1)	$\sqrt{136136}$	$\sqrt{16464}$	$\sqrt{35574}$	$\sqrt{280}$	$-\sqrt{26250}$
(6, 1)	$\sqrt{1386}$	$-\sqrt{343}$	$-\sqrt{98}$	$\sqrt{210}$	$\sqrt{14}$
(5, 1)	$\sqrt{234}$	$\sqrt{70}$	$-\sqrt{5}$	$-\sqrt{21}$	$\sqrt{35}$
(4, 1)	$\sqrt{572}$	$-\sqrt{120}$	$\sqrt{105}$	-4	$-\sqrt{15}$
(3, 1)	$\sqrt{5148}$	$\sqrt{392}$	$-\sqrt{847}$	$\sqrt{960}$	-25
(2, 1)	$\sqrt{198}$	$-\sqrt{2}$	$\sqrt{7}$	$-\sqrt{15}$	5
	D	$\left(\frac{11}{2}, \frac{5}{2}\right)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{7}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{7}{2}, -\frac{1}{2}\right)$

$\left(\frac{11}{2}, \frac{3}{2}\right)\left(\frac{7}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)\left(\frac{7}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{9}{2}\right)\left(\frac{7}{2}, -\frac{7}{2}\right)$		
$\sqrt{1050}$	$\sqrt{315}$	$\sqrt{35}$	1		(9, -1)
$\sqrt{1920}$	$\sqrt{2601}$	26	$\sqrt{35}$		-(8, +1)
$-\sqrt{1920}$	163	162	$\sqrt{2835}$		(7, -1)
$-\sqrt{250}$	$\sqrt{3}$	$\sqrt{363}$	$\sqrt{105}$		-(6, -1)
$-\frac{1}{\sqrt{84}}$	$-\sqrt{30}$	$\sqrt{30}$	$\sqrt{42}$		(5, -1)
$\sqrt{84}$	$-\sqrt{70}$	0	$\sqrt{162}$		-(4, -1)
$\sqrt{140}$	$\sqrt{42}$	$-\sqrt{672}$	$\sqrt{1470}$		(3, +1)
$-\sqrt{35}$	$\sqrt{42}$	$-\sqrt{42}$	$\sqrt{30}$		-(2, +1)
$\left(\frac{11}{2}, -\frac{3}{2}\right)\left(\frac{7}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)\left(\frac{7}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)\left(\frac{7}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)\left(\frac{7}{2}, \frac{7}{2}\right)$		

$m=0$	D	$\left(\frac{11}{2}, -\frac{7}{2}\right)\left(\frac{7}{2}, \frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)\left(\frac{7}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)\left(\frac{7}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{7}{2}, \frac{1}{2}\right)$
(9, 0)	$\sqrt{884}$	1	$\sqrt{21}$	$\sqrt{126}$	$\sqrt{294}$
(8, 0)	$\sqrt{572}$	$-\sqrt{7}$	$-\sqrt{75}$	$-\sqrt{162}$	$-\sqrt{42}$
(7, 0)	$\sqrt{9724}$	$\sqrt{567}$	$\sqrt{2523}$	$\sqrt{722}$	$-\sqrt{1050}$
(6, 0)	$\sqrt{132}$	$-\sqrt{21}$	-5	$\sqrt{6}$	$\sqrt{14}$
(5, 0)	$\sqrt{156}$	$\sqrt{42}$	$\sqrt{2}$	$-\sqrt{27}$	$\sqrt{7}$
(4, 0)	$\sqrt{572}$	$-\sqrt{162}$	$\sqrt{42}$	$\sqrt{7}$	$-\sqrt{75}$
(3, 0)	$\sqrt{1716}$	$\sqrt{294}$	$-\sqrt{350}$	$\sqrt{189}$	-5
(2, 0)	$\sqrt{132}$	$-\sqrt{6}$	$\sqrt{14}$	$-\sqrt{21}$	5

$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{7}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)\left(\frac{7}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)\left(\frac{7}{2}, -\frac{7}{2}\right)$		
$\sqrt{294}$	$\sqrt{126}$	$\sqrt{21}$	1		
$\sqrt{42}$	$\sqrt{162}$	$\sqrt{75}$		$\sqrt{7}$	
$-\sqrt{1050}$	$\sqrt{722}$	$\sqrt{2523}$		$\sqrt{567}$	
$-\sqrt{14}$	$-\sqrt{6}$	5		$\sqrt{21}$	
$\sqrt{7}$	$-\sqrt{27}$	$\sqrt{2}$		$\sqrt{42}$	
$\sqrt{75}$	$-\sqrt{7}$	$-\sqrt{42}$		$\sqrt{162}$	
-5	$\sqrt{189}$	$-\sqrt{350}$		$\sqrt{294}$	
-5	$\sqrt{21}$	$-\sqrt{14}$		$\sqrt{6}$	

$j' = 7/2$ $j = 6$

$m = \pm \frac{17}{2}$	D	$(6, 5)\left(\frac{7}{2}, \frac{7}{2}\right)$	$(6, 6)\left(\frac{7}{2}, \frac{5}{2}\right)$	
$\left(\frac{19}{2}, \frac{17}{2}\right)$	$\sqrt{19}$	$\sqrt{12}$	$\sqrt{7}$	$\left(\frac{19}{2}, -\frac{17}{2}\right)$
$\left(\frac{17}{2}, \frac{17}{2}\right)$	$\sqrt{19}$	$-\sqrt{7}$	$\sqrt{12}$	$-\left(\frac{17}{2}, -\frac{17}{2}\right)$
	D	$(6, -5)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$(6, -6)\left(\frac{7}{2}, -\frac{5}{2}\right)$	
$m = \pm \frac{15}{2}$	D	$(6, 4)\left(\frac{7}{2}, \frac{7}{2}\right)$	$(6, 5)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(6, 6)\left(\frac{7}{2}, \frac{3}{2}\right)$
$\left(\frac{19}{2}, \frac{15}{2}\right)$	$\sqrt{57}$	$\sqrt{22}$	$\sqrt{28}$	$\sqrt{7}$
$\left(\frac{17}{2}, \frac{15}{2}\right)$	$\sqrt{323}$	$-\sqrt{154}$	5	12
$\left(\frac{15}{2}, \frac{15}{2}\right)$	$\sqrt{51}$	$\sqrt{7}$	$-\sqrt{22}$	$\sqrt{22}$
	D	$(6, -4)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$(6, -5)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$(6, -6)\left(\frac{7}{2}, -\frac{3}{2}\right)$
$m = \pm \frac{13}{2}$	D	$(6, 3)\left(\frac{7}{2}, \frac{7}{2}\right)$	$(6, 4)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(6, 5)\left(\frac{7}{2}, \frac{3}{2}\right)$
$\left(\frac{19}{2}, \frac{13}{2}\right)$	$\sqrt{969}$	$\sqrt{220}$	$\sqrt{462}$	$\sqrt{252}$
$\left(\frac{17}{2}, \frac{13}{2}\right)$	$\sqrt{2584}$	$-\sqrt{1155}$	$-\sqrt{22}$	$\sqrt{867}$
$\left(\frac{15}{2}, \frac{13}{2}\right)$	$\sqrt{51}$	$\sqrt{14}$	$-\sqrt{15}$	0
$\left(\frac{13}{2}, \frac{13}{2}\right)$	$\sqrt{136}$	$-\sqrt{7}$	$\sqrt{30}$	$-\sqrt{55}$
	D	$(6, -3)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$(6, -4)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$(6, -5)\left(\frac{7}{2}, -\frac{3}{2}\right)$
$m = \pm \frac{11}{2}$	D	$(6, 2)\left(\frac{7}{2}, \frac{7}{2}\right)$	$(6, 3)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(6, 4)\left(\frac{7}{2}, \frac{3}{2}\right)$
$\left(\frac{19}{2}, \frac{11}{2}\right)$	$\sqrt{3876}$	$\sqrt{495}$	$\sqrt{1540}$	$\sqrt{1386}$
$\left(\frac{17}{2}, \frac{11}{2}\right)$	$\sqrt{2584}$	$-\sqrt{924}$	$-\sqrt{297}$	$\sqrt{330}$
$\left(\frac{15}{2}, \frac{11}{2}\right)$	$\sqrt{357}$	$\sqrt{126}$	$-\sqrt{32}$	$-\sqrt{45}$
$\left(\frac{13}{2}, \frac{11}{2}\right)$	$\sqrt{1768}$	$-\sqrt{252}$	23	$-\sqrt{250}$
$\left(\frac{11}{2}, \frac{11}{2}\right)$	$\sqrt{364}$	$\sqrt{7}$	-6	$\sqrt{90}$
	D	$(6, -2)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$(6, -3)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$(6, -4)\left(\frac{7}{2}, -\frac{3}{2}\right)$
		$(6, 5)\left(\frac{7}{2}, \frac{1}{2}\right)$	$(6, 6)\left(\frac{7}{2}, -\frac{1}{2}\right)$	
		$\sqrt{420}$	$\sqrt{35}$	$\left(\frac{19}{2}, -\frac{11}{2}\right)$
		29	$\sqrt{192}$	$-\left(\frac{17}{2}, -\frac{11}{2}\right)$
		$\sqrt{66}$	$\sqrt{88}$	$\left(\frac{15}{2}, -\frac{11}{2}\right)$
		$-\sqrt{33}$	$\sqrt{704}$	$-\left(\frac{13}{2}, -\frac{11}{2}\right)$
		$-\sqrt{132}$	$\sqrt{99}$	$\left(\frac{11}{2}, -\frac{11}{2}\right)$
		$(6, -5)\left(\frac{7}{2}, -\frac{1}{2}\right)$	$(6, -6)\left(\frac{7}{2}, \frac{1}{2}\right)$	

$m = \pm \frac{9}{2}$	D	$(6, 1)\left(\frac{7}{2}, \frac{7}{2}\right)$	$(6, 2)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(6, 3)\left(\frac{7}{2}, \frac{3}{2}\right)$	
$\left(\frac{19}{2}, \frac{9}{2}\right)$	$\sqrt{3876}$	$\sqrt{264}$	$\sqrt{1155}$	$\sqrt{1540}$	
$\left(\frac{17}{2}, \frac{9}{2}\right)$	$\sqrt{9044}$	$-\sqrt{2310}$	$-\sqrt{2112}$	$\sqrt{99}$	
$\left(\frac{15}{2}, \frac{9}{2}\right)$	$\sqrt{4641}$	$\sqrt{1680}$	$-\sqrt{6}$	$-\sqrt{1058}$	
$\left(\frac{13}{2}, \frac{9}{2}\right)$	$\sqrt{884}$	$-\sqrt{210}$	$\sqrt{192}$	-1	
$\left(\frac{11}{2}, \frac{9}{2}\right)$	$\sqrt{4004}$	$\sqrt{280}$	-29	$\sqrt{972}$	
$\left(\frac{9}{2}, \frac{9}{2}\right)$	$\sqrt{1001}$	$-\sqrt{7}$	$\sqrt{40}$	$-\sqrt{120}$	
	D	$(6, -1)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$(6, -2)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$(6, -3)\left(\frac{7}{2}, -\frac{3}{2}\right)$	
$m = \pm \frac{7}{2}$	D	$(6, 4)\left(\frac{7}{2}, \frac{1}{2}\right)$	$(6, 5)\left(\frac{7}{2}, -\frac{1}{2}\right)$	$(6, 6)\left(\frac{7}{2}, -\frac{3}{2}\right)$	
$\left(\frac{19}{2}, \frac{7}{2}\right)$		$\sqrt{770}$	$\sqrt{140}$	$\sqrt{7}$	$\left(\frac{19}{2}, -\frac{9}{2}\right)$
$\left(\frac{17}{2}, \frac{7}{2}\right)$		$\sqrt{2662}$	41	$\sqrt{180}$	$-\left(\frac{17}{2}, -\frac{9}{2}\right)$
$\left(\frac{15}{2}, \frac{7}{2}\right)$		7	$\sqrt{1408}$	$\sqrt{440}$	$\left(\frac{15}{2}, -\frac{9}{2}\right)$
$\left(\frac{13}{2}, \frac{7}{2}\right)$		$-\sqrt{162}$	$\sqrt{99}$	$\sqrt{220}$	$-\left(\frac{13}{2}, -\frac{9}{2}\right)$
$\left(\frac{11}{2}, \frac{7}{2}\right)$		$-\sqrt{294}$	$-\sqrt{132}$	$\sqrt{1485}$	$\left(\frac{11}{2}, -\frac{9}{2}\right)$
$\left(\frac{9}{2}, \frac{7}{2}\right)$		$\sqrt{240}$	$-\sqrt{330}$	$\sqrt{264}$	$-\left(\frac{9}{2}, -\frac{9}{2}\right)$
	D	$(6, -4)\left(\frac{7}{2}, -\frac{1}{2}\right)$	$(6, -5)\left(\frac{7}{2}, \frac{1}{2}\right)$	$(6, -6)\left(\frac{7}{2}, \frac{3}{2}\right)$	
$m = \pm \frac{7}{2}$	D	$(6, 0)\left(\frac{7}{2}, \frac{7}{2}\right)$	$(6, 1)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(6, 2)\left(\frac{7}{2}, \frac{3}{2}\right)$	$(6, 3)\left(\frac{7}{2}, \frac{1}{2}\right)$
$\left(\frac{19}{2}, \frac{7}{2}\right)$	$\sqrt{3876}$	$\sqrt{132}$	$\sqrt{792}$	$\sqrt{1485}$	$\sqrt{1100}$
$\left(\frac{17}{2}, \frac{7}{2}\right)$	$\sqrt{117572}$	$-\sqrt{19404}$	$-\sqrt{34914}$	$-\sqrt{1980}$	$\sqrt{20625}$
$\left(\frac{15}{2}, \frac{7}{2}\right)$	$\sqrt{4641}$	$\sqrt{1470}$	$\sqrt{180}$	$-\sqrt{864}$	$-\sqrt{160}$
$\left(\frac{13}{2}, \frac{7}{2}\right)$	$\sqrt{9724}$	$-\sqrt{2940}$	$\sqrt{810}$	$\sqrt{588}$	$-\sqrt{1805}$
$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\sqrt{4004}$	$\sqrt{588}$	$-\sqrt{968}$	$\sqrt{375}$	6
$\left(\frac{9}{2}, \frac{7}{2}\right)$	$\sqrt{3003}$	$-\sqrt{98}$	$\sqrt{363}$	$-\sqrt{640}$	$\sqrt{600}$
$\left(\frac{7}{2}, \frac{7}{2}\right)$	$\sqrt{429}$	1	$-\sqrt{6}$	$\sqrt{20}$	$-\sqrt{48}$
	D	$(6, 0)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$(6, -1)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$(6, -2)\left(\frac{7}{2}, -\frac{3}{2}\right)$	$(6, -3)\left(\frac{7}{2}, -\frac{1}{2}\right)$

		$(6, 4)\left(\frac{7}{2}, +\frac{1}{2}\right)$	$(6, 5)\left(\frac{7}{2}, -\frac{3}{2}\right)$	$(6, 6)\left(\frac{7}{2}, -\frac{5}{2}\right)$
		$\sqrt{330}$	6	1
		$\sqrt{31790}$	$\sqrt{8427}$	$\sqrt{432}$
		$\sqrt{867}$	$\sqrt{990}$	$\sqrt{110}$
		$-\sqrt{6}$	$\sqrt{2695}$	$\sqrt{880}$
		$-\sqrt{750}$	$\sqrt{395}$	$\sqrt{891}$
		$-\sqrt{180}$	$-\sqrt{66}$	$\sqrt{1056}$
		$\sqrt{90}$	$-\sqrt{132}$	$\sqrt{132}$
		$(6, -4)\left(\frac{7}{2}, \frac{1}{2}\right)$	$(6, -5)\left(\frac{7}{2}, \frac{3}{2}\right)$	$(6, -6)\left(\frac{7}{2}, \frac{5}{2}\right)$
$m = \pm \frac{5}{2}$	D	$(6, -1)\left(\frac{7}{2}, \frac{7}{2}\right)$	$(6, 0)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(6, 1)\left(\frac{7}{2}, \frac{3}{2}\right)$
$(\frac{19}{2}, \frac{5}{2})$	$\sqrt{50388}$	$\sqrt{792}$	$\sqrt{6468}$	$\sqrt{16632}$
$(\frac{17}{2}, \frac{5}{2})$	$\sqrt{235144}$	$-\sqrt{22638}$	$-\sqrt{69300}$	$-\sqrt{23958}$
$(\frac{15}{2}, \frac{5}{2})$	$\sqrt{51051}$	$\sqrt{12348}$	$\sqrt{7098}$	$-\sqrt{3888}$
$(\frac{13}{2}, \frac{5}{2})$	$\sqrt{19448}$	$-\sqrt{6174}$	$\sqrt{84}$	$\sqrt{3174}$
$(\frac{11}{2}, \frac{5}{2})$	$\sqrt{12012}$	$\sqrt{2744}$	$-\sqrt{2100}$	$\sqrt{24}$
$(\frac{9}{2}, \frac{5}{2})$	$\sqrt{12012}$	$-\sqrt{1029}$	$\sqrt{2366}$	-47
$(\frac{7}{2}, \frac{5}{2})$	$\sqrt{429}$	$\sqrt{6}$	-5	$\sqrt{56}$
$(\frac{5}{2}, \frac{5}{2})$	$\sqrt{1716}$	-1	$\sqrt{6}$	$-\sqrt{21}$
	D	$(6, 1)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$(6, 0)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$(6, -1)\left(\frac{7}{2}, -\frac{3}{2}\right)$
		$(6, -2)\left(\frac{7}{2}, -\frac{1}{2}\right)$	$(6, 3)\left(\frac{7}{2}, -\frac{1}{2}\right)$	$(6, 4)\left(\frac{7}{2}, -\frac{3}{2}\right)$
		$\sqrt{7700}$	$\sqrt{1386}$	$\sqrt{84}$
		$\sqrt{66825}$	$\sqrt{34914}$	65
		$\sqrt{2450}$	117	$\sqrt{4224}$
		-41	$\sqrt{2738}$	$\sqrt{3993}$
		-42	$-\sqrt{18}$	$\sqrt{3300}$
		$\sqrt{150}$	$-\sqrt{2028}$	$\sqrt{1782}$
		$\sqrt{84}$	$-\sqrt{42}$	0
		$-\sqrt{126}$	$\sqrt{252}$	$-\sqrt{462}$
		$(6, -3)\left(\frac{7}{2}, \frac{1}{2}\right)$	$(6, -4)\left(\frac{7}{2}, \frac{3}{2}\right)$	$(6, -5)\left(\frac{7}{2}, \frac{5}{2}\right)$
		$(6, -6)\left(\frac{7}{2}, \frac{7}{2}\right)$		

$m = \pm \frac{3}{2}$	D	$(6, -2)\left(\frac{7}{2}, \frac{7}{2}\right)$	$(6, -1)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(6, 0)\left(\frac{7}{2}, \frac{3}{2}\right)$	$(6, 1)\left(\frac{7}{2}, \frac{1}{2}\right)$
$\left(\frac{19}{2}, \frac{3}{2}\right)$	$\sqrt{25194}$	$\sqrt{165}$	$\sqrt{1848}$	$\sqrt{6468}$	$\sqrt{9240}$
$\left(\frac{17}{2}, \frac{3}{2}\right)$	$\sqrt{33592}$	$-\sqrt{1680}$	$-\sqrt{8214}$	$-\sqrt{6804}$	$\sqrt{30}$
$\left(\frac{15}{2}, \frac{3}{2}\right)$	$\sqrt{51051}$	$\sqrt{8232}$	$\sqrt{11760}$	$-\sqrt{210}$	$-\sqrt{10092}$
$\left(\frac{13}{2}, \frac{3}{2}\right)$	$\sqrt{19448}$	$-\sqrt{5488}$	$-\sqrt{490}$	$\sqrt{3500}$	$-\sqrt{2}$
$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\sqrt{6006}$	$\sqrt{1715}$	$-\sqrt{392}$	$-\sqrt{252}$	$\sqrt{1000}$
$\left(\frac{9}{2}, \frac{3}{2}\right)$	$\sqrt{1716}$	$-\sqrt{280}$	19	$-\sqrt{126}$	$-\sqrt{5}$
$\left(\frac{7}{2}, \frac{3}{2}\right)$	$\sqrt{429}$	$\sqrt{20}$	$-\sqrt{56}$	9	$-\sqrt{70}$
$\left(\frac{5}{2}, \frac{3}{2}\right)$	$\sqrt{1716}$	$-\sqrt{8}$	$\sqrt{35}$	$-\sqrt{90}$	$\sqrt{175}$
D		$(6, 2)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$(6, 1)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$(6, 0)\left(\frac{7}{2}, -\frac{3}{2}\right)$	$(6, -1)\left(\frac{7}{2}, -\frac{1}{2}\right)$
$(6, 2)\left(\frac{7}{2}, -\frac{1}{2}\right)$	$\sqrt{5775}$	$\sqrt{1540}$	$\sqrt{154}$	2	$\left(\frac{19}{2}, -\frac{3}{2}\right)$
$(6, 3)\left(\frac{7}{2}, -\frac{3}{2}\right)$	$\sqrt{7500}$	$\sqrt{7605}$	$\sqrt{1682}$	$\sqrt{77}$	$-\left(\frac{17}{2}, -\frac{3}{2}\right)$
$(6, 4)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$-\sqrt{30}$	$\sqrt{11552}$	$\sqrt{8405}$	$\sqrt{770}$	$\left(\frac{15}{2}, -\frac{3}{2}\right)$
$(6, 5)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$-\sqrt{3380}$	$\sqrt{363}$	$\sqrt{5070}$	$\sqrt{1155}$	$-\left(\frac{13}{2}, -\frac{3}{2}\right)$
	-13	$-\sqrt{540}$	$\sqrt{1014}$	$\sqrt{924}$	$\left(\frac{11}{2}, -\frac{3}{2}\right)$
	$\sqrt{200}$	$-\sqrt{270}$	$\sqrt{12}$	$\sqrt{462}$	$-\left(\frac{9}{2}, -\frac{3}{2}\right)$
	$\sqrt{28}$	0	$-\sqrt{42}$	$\sqrt{132}$	$\left(\frac{7}{2}, -\frac{3}{2}\right)$
	$-\sqrt{280}$	$\sqrt{378}$	$-\sqrt{420}$	$\sqrt{330}$	$-\left(\frac{5}{2}, -\frac{3}{2}\right)$
$(6, -2)\left(\frac{7}{2}, \frac{1}{2}\right)$	$(6, -3)\left(\frac{7}{2}, \frac{3}{2}\right)$	$(6, -4)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(6, -5)\left(\frac{7}{2}, \frac{7}{2}\right)$		

$m = \pm \frac{1}{2}$	D	$(6, -3)\left(\frac{7}{2}, \frac{7}{2}\right)$	$(6, -2)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(6, -1)\left(\frac{7}{2}, \frac{3}{2}\right)$	$(6, 0)\left(\frac{3}{2}, \frac{1}{2}\right)$
$\left(\frac{19}{2}, \frac{1}{2}\right)$	$\sqrt{8398}$	$\sqrt{20}$	$\sqrt{315}$	$\sqrt{1512}$	$\sqrt{2940}$
$\left(\frac{17}{2}, \frac{1}{2}\right)$	$\sqrt{8398}$	$-\sqrt{189}$	$-\sqrt{1452}$	$-\sqrt{2250}$	$-\sqrt{252}$
$\left(\frac{15}{2}, \frac{1}{2}\right)$	$\sqrt{7293}$	$\sqrt{672}$	$\sqrt{1944}$	$\sqrt{180}$	$-\sqrt{1134}$
$\left(\frac{13}{2}, \frac{1}{2}\right)$	$\sqrt{4862}$	$-\sqrt{1029}$	$-\sqrt{588}$	$\sqrt{490}$	$\sqrt{252}$
$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\sqrt{858}$	$\sqrt{252}$	-1	$-\sqrt{120}$	$\sqrt{84}$
$\left(\frac{9}{2}, \frac{1}{2}\right)$	$\sqrt{858}$	$-\sqrt{210}$	$\sqrt{120}$	-1	$-\sqrt{70}$
$\left(\frac{7}{2}, \frac{1}{2}\right)$	$\sqrt{429}$	$\sqrt{48}$	$-\sqrt{84}$	$\sqrt{70}$	-5
$\left(\frac{5}{2}, \frac{1}{2}\right)$	$\sqrt{858}$	$-\sqrt{18}$	$\sqrt{56}$	$-\sqrt{105}$	$\sqrt{150}$
	D	$(6, 3)\left(\frac{7}{2}, -\frac{7}{2}\right)$	$(6, 2)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$(6, 1)\left(\frac{7}{2}, -\frac{3}{2}\right)$	$(6, 0)\left(\frac{7}{2}, -\frac{1}{2}\right)$

$(6, 1)\left(\frac{7}{2}, -\frac{1}{2}\right)$	$(6, 2)\left(\frac{7}{2}, -\frac{3}{2}\right)$	$(6, 3)\left(\frac{7}{2}, -\frac{5}{2}\right)$	$(6, 4)\left(\frac{7}{2}, -\frac{7}{2}\right)$	
$\sqrt{2520}$	$\sqrt{945}$	$\sqrt{140}$	$\sqrt{6}$	$\left(\frac{19}{2}, -\frac{1}{2}\right)$
$\sqrt{1014}$	$\sqrt{2304}$	$\sqrt{867}$	$\sqrt{70}$	$-\left(\frac{17}{2}, -\frac{1}{2}\right)$
$-\sqrt{432}$	$\sqrt{882}$	$\sqrt{1734}$	$\sqrt{315}$	$\left(\frac{15}{2}, -\frac{1}{2}\right)$
$-\sqrt{726}$	-8	$\sqrt{1083}$	$\sqrt{630}$	$-\left(\frac{13}{2}, -\frac{1}{2}\right)$
$\sqrt{8}$	$-\sqrt{147}$	6	$\sqrt{210}$	$\left(\frac{11}{2}, -\frac{1}{2}\right)$
$\sqrt{135}$	$-\sqrt{40}$	$-\sqrt{30}$	$\sqrt{252}$	$-\left(\frac{9}{2}, -\frac{1}{2}\right)$
0	$\sqrt{28}$	$-\sqrt{84}$	$\sqrt{90}$	$\left(\frac{7}{2}, -\frac{1}{2}\right)$
$-\sqrt{175}$	$\sqrt{168}$	$-\sqrt{126}$	$\sqrt{60}$	$-\left(\frac{5}{2}, -\frac{1}{2}\right)$
	$(6, -1)\left(\frac{7}{2}, \frac{1}{2}\right)$	$(6, -2)\left(\frac{7}{2}, \frac{3}{2}\right)$	$(6, -3)\left(\frac{7}{2}, \frac{5}{2}\right)$	$(6, -4)\left(\frac{7}{2}, \frac{7}{2}\right)$

 $j' = 4 \quad j = 5$

$m = \pm 8$	D	$(5, 4)(4, 4)$	$(5, 5)(4, 3)$	
$(9, 8)$	3	$\sqrt{5}$	2	$(9, -8)$
$(8, 8)$	3	-2	$\sqrt{5}$	$-(8, -8)$
	D	$(5, -4)(4, -4)$	$(5, -5)(4, -3)$	

$m = \pm 7$	D	(5, 3) (4, 4)	(5, 4) (4, 3)	(5, 5) (4, 2)	
(9, 7)	$\sqrt{153}$	$\sqrt{45}$	$\sqrt{80}$	$\sqrt{28}$	(9, -7)
(8, 7)	$\sqrt{72}$	-6	1	$\sqrt{35}$	-(8, -7)
(7, 7)	$\sqrt{136}$	$\sqrt{28}$	$-\sqrt{63}$	$\sqrt{45}$	(7, -7)
	D	(5, -3) (4, -4)	(5, -4) (4, -3)	(5, -5) (4, -2)	
$m = \pm 6$	D	(5, 2) (4, 4)	(5, 3) (4, 3)	(5, 4) (4, 2)	(5, 5) (4, 1)
(9, 6)	$\sqrt{102}$	$\sqrt{15}$	$\sqrt{45}$	$\sqrt{35}$	$\sqrt{7}$
(8, 6)	$\sqrt{120}$	$-\sqrt{48}$	-3	$\sqrt{28}$	$\sqrt{35}$
(7, 6)	$\sqrt{952}$	$\sqrt{336}$	$-\sqrt{175}$	-6	$\sqrt{405}$
(6, 6)	$\sqrt{70}$	$-\sqrt{7}$	$\sqrt{21}$	$-\sqrt{27}$	$\sqrt{15}$
	D	(5, -2) (4, -4)	(5, -3) (4, -3)	(5, -4) (4, -2)	(5, -5) (4, -1)
$m = \pm 5$	D	(5, 1) (4, 4)	(5, 2) (4, 3)	(5, 3) (4, 2)	
(9, 5)	$\sqrt{306}$	$\sqrt{21}$	$\sqrt{96}$	$\sqrt{126}$	
(8, 5)	$\sqrt{360}$	$-\sqrt{96}$	$-\sqrt{84}$	3	
(7, 5)	$\sqrt{12376}$	$\sqrt{4704}$	$-\sqrt{84}$	53	
(6, 5)	$\sqrt{210}$	-7	$\sqrt{56}$	$-\sqrt{6}$	
(5, 5)	$\sqrt{39}$	$\sqrt{2}$	$-\sqrt{7}$	$\sqrt{12}$	
	D	(5, -1) (4, -4)	(5, -2) (4, -3)	(5, -3) (4, -2)	
		(5, 4) (4, 1)	(5, 5) (4, 0)		
		$\sqrt{56}$	$\sqrt{7}$	(9, -5)	
		11	$\sqrt{50}$	-(8, -5)	
		27	$\sqrt{4050}$	(7, -5)	
		$-\sqrt{24}$	$\sqrt{75}$	-(6, -5)	
		$-\sqrt{12}$	$\sqrt{6}$	(5, -5)	
		(5, -4) (4, -1)	(5, -5) (4, 0)		
$m = \pm 4$	D	(5, 0) (4, 4)	(5, 1) (4, 3)	(5, 2) (4, 2)	
(9, 4)	$\sqrt{306}$	3	$\sqrt{60}$	$\sqrt{120}$	
(8, 4)	$\sqrt{2340}$	$-\sqrt{360}$	$-\sqrt{726}$	$-\sqrt{48}$	
(7, 4)	$\sqrt{12376}$	$\sqrt{3920}$	$\sqrt{588}$	$-\sqrt{2400}$	
(6, 4)	$\sqrt{2310}$	$-\sqrt{735}$	14	$\sqrt{128}$	
(5, 4)	$\sqrt{39}$	$\sqrt{6}$	$-\sqrt{10}$	$\sqrt{5}$	
(4, 4)	$\sqrt{143}$	-2	$\sqrt{15}$	$-\sqrt{30}$	
	D	(5, 0) (4, -4)	(5, -1) (4, -3)	(5, -2) (4, -2)	

		(5, 3) (4, 1)	(5, 4) (4, 0)	(5, 5) (4, -1)	
$m = \pm 3$	D	(5, -3) (4, -1)	(5, -4) (4, 0)	(5, -5) (4, 1)	
	$\sqrt{90}$	5	$\sqrt{2}$	(9, -4)	
	21	$\sqrt{640}$	$\sqrt{125}$	- (8, -4)	
	$-\sqrt{338}$	$\sqrt{2880}$	$\sqrt{2250}$	(7, -4)	
	$-\sqrt{486}$	$\sqrt{15}$	$\sqrt{750}$	- (6, -4)	
	0	$-\sqrt{6}$	$\sqrt{12}$	(5, -4)	
	$\sqrt{40}$	-6	$\sqrt{18}$	- (4, -4)	
		(5, -1) (4, 4)	(5, 0) (4, 3)	(5, 1) (4, 2)	(5, 2) (4, 1)
(9, 3)	$\sqrt{1326}$	$\sqrt{15}$	12	$\sqrt{420}$	$\sqrt{480}$
(8, 3)	$\sqrt{312}$	$-\sqrt{24}$	$-\sqrt{90}$	$-\sqrt{42}$	$\sqrt{12}$
(7, 3)	$\sqrt{136136}$	$\sqrt{29400}$	$\sqrt{24010}$	$-\sqrt{7098}$	$-\sqrt{22188}$
(6, 3)	$\sqrt{154}$	-7	0	$\sqrt{28}$	$-\sqrt{8}$
(5, 3)	$\sqrt{2457}$	$\sqrt{630}$	$-\sqrt{378}$	0	$\sqrt{315}$
(4, 3)	$\sqrt{572}$	$-\sqrt{60}$	11	$-\sqrt{105}$	$\sqrt{30}$
(3, 3)	$\sqrt{1716}$	$\sqrt{28}$	$-\sqrt{105}$	15	$-\sqrt{350}$
		D	(5, 1) (4, -4)	(5, 0) (4, -3)	(5, -1) (4, -2)
			(5, 2) (4, -1)	(5, -2) (4, -1)	
			(5, 3) (4, 0)	(5, 4) (4, -1)	(5, 5) (4, -2)
			15	$\sqrt{40}$	$\sqrt{2}$
			$\sqrt{90}$	7	$\sqrt{5}$
			$\sqrt{5290}$	$\sqrt{38025}$	$\sqrt{10125}$
			$-\sqrt{15}$	$\sqrt{24}$	$\sqrt{30}$
			$-\sqrt{378}$	0	$\sqrt{756}$
			2	$-\sqrt{90}$	$\sqrt{162}$
			$\sqrt{420}$	$-\sqrt{378}$	$\sqrt{210}$
			(5, -3) (4, 0)	(5, -4) (4, 1)	(5, -5) (4, 2)
			(5, -2) (4, 4)	(5, -1) (4, 3)	(5, 0) (4, 2)
			(5, 1) (4, 1)		
			(5, 2) (4, -4)	(5, 1) (4, -3)	(5, 0) (4, -2)
			(5, -1) (4, -1)		

$(5, 2)(4, 0)$	$(5, 3)(4, -1)$	$(5, 4)(4, -2)$	$(5, 5)(4, -3)$	
$\sqrt{1050}$	$\sqrt{315}$	$\sqrt{35}$	1	(9, -2)
$\sqrt{1920}$	51	26	$\sqrt{35}$	-(8, -2)
$-\sqrt{1920}$	$\sqrt{26569}$	$\sqrt{26244}$	$\sqrt{2835}$	(7, -2)
$-\sqrt{250}$	$\sqrt{-3}$	$\sqrt{363}$	$\sqrt{105}$	-(6, -2)
-1	$-\sqrt{30}$	$\sqrt{30}$	$\sqrt{42}$	(5, -2)
$\sqrt{84}$	$-\sqrt{70}$	0	$\sqrt{162}$	-(4, -2)
$\sqrt{140}$	$\sqrt{42}$	$-\sqrt{672}$	$\sqrt{1470}$	(3, -2)
$-\sqrt{70}$	$\sqrt{84}$	$-\sqrt{84}$	$\sqrt{60}$	-(2, -2)
$(5, -2)(4, 0)$	$(5, -3)(4, 1)$	$(5, -4)(4, 2)$	$(5, -5)(4, 3)$	

$m = \pm 1$	D	$(5, -3)(4, 4)$	$(5, -2)(4, 3)$	$(5, -1)(4, 2)$	$(5, 0)(4, 1)$	$(5, 1)(4, 0)$
(9, 1)	$\sqrt{43758}$	$\sqrt{45}$	$\sqrt{960}$	$\sqrt{5880}$	$\sqrt{14112}$	$\sqrt{14700}$
(8, 1)	$\sqrt{51480}$	$-\sqrt{576}$	$-\sqrt{6348}$	$-\sqrt{14406}$	$-\sqrt{4410}$	$\sqrt{2940}$
(7, 1)	$\sqrt{408408}$	$\sqrt{21952}$	$\sqrt{102900}$	$\sqrt{35322}$	$-\sqrt{37030}$	$-\sqrt{50820}$
(6, 1)	$\sqrt{6930}$	$-\sqrt{1029}$	$-\sqrt{1372}$	$\sqrt{224}$	$\sqrt{840}$	$-\sqrt{560}$
(5, 1)	$\sqrt{234}$	$\sqrt{60}$	$\sqrt{5}$	$-\sqrt{40}$	$\sqrt{6}$	4
(4, 1)	$\sqrt{572}$	$-\sqrt{160}$	$\sqrt{30}$	$\sqrt{15}$	-9	$\sqrt{54}$
(3, 1)	$\sqrt{25740}$	$\sqrt{4704}$	$-\sqrt{4802}$	43	$-\sqrt{15}$	$-\sqrt{1210}$
(2, 1)	$\sqrt{198}$	$-\sqrt{12}$	5	$-\sqrt{32}$	$\sqrt{30}$	$-\sqrt{20}$
(1, 1)	$\sqrt{165}$	1	$-\sqrt{3}$	$\sqrt{6}$	$-\sqrt{10}$	$\sqrt{15}$
D	$(5, 3)(4, -4)$	$(5, 2)(4, -3)$	$(5, 1)(4, -2)$	$(5, 0)(4, -1)$	$(5, -1)(4, 0)$	

$(5, 2)(4, -1)$	$(5, 3)(4, -2)$	$(5, 4)(4, -3)$	$(5, 5)(4, -4)$	
$\sqrt{6720}$	$\sqrt{1260}$	$\sqrt{80}$	1	(9, -1)
$\sqrt{14196}$	$\sqrt{7623}$	31	$\sqrt{20}$	-(8, -1)
$\sqrt{20172}$	325	$\sqrt{33327}$	$\sqrt{1260}$	(7, -1)
-22	$\sqrt{972}$	$\sqrt{1344}$	$\sqrt{105}$	-(6, -1)
$-\sqrt{35}$	0	$\sqrt{60}$	$\sqrt{12}$	(5, -1)
0	$-\sqrt{70}$	$\sqrt{90}$	$\sqrt{72}$	-(4, -1)
$\sqrt{3584}$	$-\sqrt{3402}$	$\sqrt{294}$	$\sqrt{5880}$	(3, -1)
$\sqrt{7}$	0	$-\sqrt{12}$	$\sqrt{60}$	-(2, -1)
$-\sqrt{21}$	$\sqrt{28}$	-6	$\sqrt{45}$	(1, -1)
$(5, -2)(4, 1)$	$(5, -3)(4, 2)$	$(5, -4)(4, 3)$	$(5, -5)(4, 4)$	

$m=0$	D	$(5, -4)(4, 4)$	$(5, -3)(4, 3)$	$(5, -2)(4, 2)$	$(5, -1)(4, 1)$	$(5, 0)(4, 0)$
$(9, 0)$	$\sqrt{4862}$	1	6	$\sqrt{336}$	$\sqrt{1176}$	$\sqrt{1764}$
$(8, 0)$	$\sqrt{1430}$	-2	-9	$-\sqrt{336}$	$-\sqrt{294}$	0
$(7, 0)$	$\sqrt{14586}$	$\sqrt{252}$	$\sqrt{2527}$	$\sqrt{3072}$	$-\sqrt{42}$	$-\sqrt{2800}$
$(6, 0)$	$\sqrt{2310}$	$-\sqrt{147}$	$-\sqrt{588}$	$-\sqrt{28}$	$\sqrt{392}$	0
$(5, 0)$	$\sqrt{78}$	$\sqrt{12}$	$\sqrt{12}$	$-\sqrt{7}$	$-\sqrt{2}$	$\sqrt{12}$
$(4, 0)$	$\sqrt{286}$	$-\sqrt{72}$	$-\sqrt{2}$	$\sqrt{42}$	$-\sqrt{27}$	0
$(3, 0)$	$\sqrt{4290}$	$\sqrt{1176}$	$-\sqrt{294}$	$-\sqrt{14}$	19	$-\sqrt{600}$
$(2, 0)$	$\sqrt{66}$	$-\sqrt{12}$	$\sqrt{12}$	$-\sqrt{7}$	$\sqrt{2}$	0
$(1, 0)$	$\sqrt{165}$	3	-4	$\sqrt{21}$	$-\sqrt{24}$	5

$(5, 1)(4, -1)$	$(5, 2)(4, -2)$	$(5, 3)(4, -3)$	$(5, 4)(4, -4)$
$\sqrt{1176}$	$\sqrt{336}$	6	1
$\sqrt{294}$	$\sqrt{336}$	9	2
$-\sqrt{42}$	$\sqrt{3072}$	$\sqrt{2527}$	$\sqrt{252}$
$-\sqrt{392}$	$\sqrt{28}$	$\sqrt{588}$	$\sqrt{147}$
$-\sqrt{2}$	$-\sqrt{7}$	$\sqrt{12}$	$\sqrt{12}$
$\sqrt{27}$	$-\sqrt{42}$	$\sqrt{2}$	$\sqrt{72}$
19	$-\sqrt{14}$	$-\sqrt{294}$	$\sqrt{1176}$
$-\sqrt{2}$	$\sqrt{7}$	$-\sqrt{12}$	$\sqrt{12}$
$-\sqrt{24}$	$\sqrt{21}$	-4	3

$j' = 4 \quad j = 11/2$

$m = \pm \frac{17}{2}$	D	$\left(\frac{11}{2}, \frac{9}{2}\right)(4, 4)$	$\left(\frac{11}{2}, \frac{11}{2}\right)(4, 3)$	
$\left(\frac{19}{2}, \frac{17}{2}\right)$	$\sqrt{19}$	$\sqrt{11}$	$\sqrt{8}$	$\left(\frac{19}{2}, -\frac{17}{2}\right)$
$\left(\frac{17}{2}, \frac{17}{2}\right)$	$\sqrt{19}$	$-\sqrt{8}$	$\sqrt{11}$	$-\left(\frac{17}{2}, -\frac{17}{2}\right)$
	D	$\left(\frac{11}{2}, -\frac{9}{2}\right)(4, -4)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)(4, -3)$	

$m = \pm \frac{15}{2}$	D	$\left(\frac{11}{2}, \frac{7}{2}\right)(4, 4)$	$\left(\frac{11}{2}, \frac{9}{2}\right)(4, 3)$	$\left(\frac{11}{2}, \frac{11}{2}\right)(4, 2)$	
$\left(\frac{19}{2}, \frac{15}{2}\right)$	$\sqrt{171}$	$\sqrt{55}$	$\sqrt{88}$	$\sqrt{28}$	$\left(\frac{19}{2}, -\frac{15}{2}\right)$
$\left(\frac{17}{2}, \frac{15}{2}\right)$	$\sqrt{323}$	$-\sqrt{160}$	3	$\sqrt{154}$	$-\left(\frac{17}{2}, -\frac{15}{2}\right)$
$\left(\frac{15}{2}, \frac{15}{2}\right)$	$\sqrt{153}$	$\sqrt{28}$	$-\sqrt{70}$	$\sqrt{55}$	$\left(\frac{15}{2}, -\frac{15}{2}\right)$
	D	$\left(\frac{11}{2}, -\frac{7}{2}\right)(4, -4)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)(4, -3)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)(4, -2)$	

$m = \pm \frac{13}{2}$	D	$\left(\frac{11}{2}, \frac{5}{2}\right)(4, 4)$	$\left(\frac{11}{2}, \frac{7}{2}\right)(4, 3)$
$\left(\frac{19}{2}, \frac{13}{2}\right)$	$\sqrt{969}$	$\sqrt{165}$	$\sqrt{440}$
$\left(\frac{17}{2}, \frac{13}{2}\right)$	$\sqrt{2584}$	$-\sqrt{1080}$	$-\sqrt{125}$
$\left(\frac{15}{2}, \frac{13}{2}\right)$	$\sqrt{255}$	$\sqrt{84}$	$-\sqrt{56}$
$\left(\frac{13}{2}, \frac{13}{2}\right)$	$\sqrt{680}$	$-\sqrt{56}$	$\sqrt{189}$
D		$\left(\frac{11}{2}, -\frac{5}{2}\right)(4, -4)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)(4, -3)$
$m = \pm \frac{11}{2}$	D	$\left(\frac{11}{2}, \frac{9}{2}\right)(4, 2)$	$\left(\frac{11}{2}, \frac{11}{2}\right)(4, 1)$
$\left(\frac{19}{2}, \frac{11}{2}\right)$	$\sqrt{1938}$	$\sqrt{308}$	$\sqrt{56}$
$\left(\frac{17}{2}, \frac{11}{2}\right)$	$\sqrt{2584}$	$\sqrt{686}$	$\sqrt{693}$
$\left(\frac{15}{2}, \frac{11}{2}\right)$	$\sqrt{16065}$	$-\sqrt{5}$	$\sqrt{110}$
$\left(\frac{13}{2}, \frac{11}{2}\right)$	$\sqrt{8840}$	$-\sqrt{270}$	$\sqrt{165}$
D		$\left(\frac{11}{2}, -\frac{9}{2}\right)(4, -2)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)(4, -1)$
$m = \pm \frac{11}{2}$	D	$\left(\frac{11}{2}, \frac{3}{2}\right)(4, 4)$	$\left(\frac{11}{2}, \frac{5}{2}\right)(4, 3)$
$\left(\frac{19}{2}, \frac{11}{2}\right)$	$\sqrt{1938}$	$\sqrt{165}$	$\sqrt{660}$
$\left(\frac{17}{2}, \frac{11}{2}\right)$	$\sqrt{2584}$	$-\sqrt{768}$	$-\sqrt{507}$
$\left(\frac{15}{2}, \frac{11}{2}\right)$	$\sqrt{16065}$	$\sqrt{6048}$	$-\sqrt{378}$
$\left(\frac{13}{2}, \frac{11}{2}\right)$	$\sqrt{8840}$	$-\sqrt{1792}$	$\sqrt{2527}$
$\left(\frac{11}{2}, \frac{11}{2}\right)$	$\sqrt{182}$	$\sqrt{7}$	$-\sqrt{28}$
D		$\left(\frac{11}{2}, -\frac{3}{2}\right)(4, -4)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)(4, -3)$
$m = \pm \frac{9}{2}$	D	$\left(\frac{11}{2}, \frac{9}{2}\right)(4, 1)$	$\left(\frac{11}{2}, \frac{11}{2}\right)(4, 0)$
$\left(\frac{19}{2}, \frac{9}{2}\right)$	$\sqrt{308}$	$\sqrt{35}$	$\left(\frac{19}{2}, -\frac{11}{2}\right)$
$\left(\frac{17}{2}, \frac{9}{2}\right)$	$\sqrt{875}$	$\sqrt{308}$	$-\left(\frac{17}{2}, -\frac{11}{2}\right)$
$\left(\frac{15}{2}, \frac{9}{2}\right)$	$\sqrt{1440}$	$\sqrt{4950}$	$\left(\frac{15}{2}, -\frac{11}{2}\right)$
$\left(\frac{13}{2}, \frac{9}{2}\right)$	$-\sqrt{735}$	$\sqrt{3300}$	$-\left(\frac{13}{2}, -\frac{11}{2}\right)$
$\left(\frac{11}{2}, \frac{9}{2}\right)$	$-\sqrt{60}$	$\sqrt{33}$	$\left(\frac{11}{2}, -\frac{11}{2}\right)$
D		$\left(\frac{11}{2}, -\frac{9}{2}\right)(4, -1)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)(4, 0)$

$m = \pm \frac{9}{2}$	D	$(\frac{11}{2}, \frac{1}{2})(4, 4)$	$(\frac{11}{2}, \frac{3}{2})(4, 3)$	$(\frac{11}{2}, \frac{5}{2})(4, 2)$	
$(\frac{19}{2}, \frac{9}{2})$	$\sqrt{5814}$	$\sqrt{231}$	$\sqrt{1320}$	$\sqrt{2310}$	
$(\frac{17}{2}, \frac{9}{2})$	$\sqrt{1292}$	$-\sqrt{240}$	$-\sqrt{378}$	$-\sqrt{6}$	
$(\frac{15}{2}, \frac{9}{2})$	$\sqrt{69615}$	$\sqrt{23520}$	$\sqrt{1344}$	$-\sqrt{15123}$	
$(\frac{13}{2}, \frac{9}{2})$	$\sqrt{13260}$	$-\sqrt{3920}$	$\sqrt{1694}$	$\sqrt{338}$	
$(\frac{11}{2}, \frac{9}{2})$	$\sqrt{2002}$	$\sqrt{245}$	$-\sqrt{504}$	$\sqrt{338}$	
$(\frac{9}{2}, \frac{9}{2})$	$\sqrt{429}$	$-\sqrt{8}$	$\sqrt{35}$	$-\sqrt{80}$	
	D	$(\frac{11}{2}, -\frac{1}{2})(4, -4)$	$(\frac{11}{2}, -\frac{3}{2})(4, -3)$	$(\frac{11}{2}, -\frac{5}{2})(4, -2)$	
$m = \pm \frac{7}{2}$	D	$(\frac{11}{2}, \frac{7}{2})(4, 1)$	$(\frac{11}{2}, \frac{9}{2})(4, 0)$	$(\frac{11}{2}, \frac{11}{2})(4, -1)$	
$(\frac{19}{2}, \frac{7}{2})$	$\sqrt{1540}$	$\sqrt{385}$	$\sqrt{28}$	$(\frac{19}{2}, -\frac{9}{2})$	
	17	18	$\sqrt{55}$	$-(\frac{17}{2}, -\frac{9}{2})$	
	$-\sqrt{578}$	$\sqrt{18050}$	$\sqrt{11000}$	$(\frac{15}{2}, -\frac{9}{2})$	
	$-\sqrt{2883}$	$\sqrt{300}$	$\sqrt{4125}$	$-(\frac{13}{2}, -\frac{9}{2})$	
	$-\sqrt{12}$	$-\sqrt{243}$	$\sqrt{660}$	$(\frac{11}{2}, -\frac{9}{2})$	
	$\sqrt{120}$	$-\sqrt{120}$	$\sqrt{66}$	$-(\frac{9}{2}, -\frac{9}{2})$	
	$(\frac{11}{2}, -\frac{7}{2})(4, -1)$	$(\frac{11}{2}, -\frac{9}{2})(4, 0)$	$(\frac{11}{2}, -\frac{11}{2})(4, 1)$		
$m = \pm \frac{7}{2}$	D	$(\frac{11}{2}, -\frac{1}{2})(4, 4)$	$(\frac{11}{2}, \frac{1}{2})(4, 3)$	$(\frac{11}{2}, \frac{3}{2})(4, 2)$	$(\frac{11}{2}, \frac{5}{2})(4, 1)$
$(\frac{19}{2}, \frac{7}{2})$	$\sqrt{1938}$	$\sqrt{33}$	$\sqrt{264}$	$\sqrt{660}$	$\sqrt{660}$
$(\frac{17}{2}, \frac{7}{2})$	$\sqrt{16796}$	$-\sqrt{1728}$	$-\sqrt{5046}$	$-\sqrt{1500}$	$\sqrt{1215}$
$(\frac{15}{2}, \frac{7}{2})$	$\sqrt{23205}$	$\sqrt{5880}$	$\sqrt{2940}$	$-\sqrt{2166}$	$-\sqrt{2904}$
$(\frac{13}{2}, \frac{7}{2})$	$\sqrt{48620}$	$-\sqrt{15680}$	$\sqrt{490}$	$\sqrt{7396}$	-67
$(\frac{11}{2}, \frac{7}{2})$	$\sqrt{4004}$	$\sqrt{882}$	$-\sqrt{784}$	$\sqrt{40}$	$\sqrt{360}$
$(\frac{9}{2}, \frac{7}{2})$	$\sqrt{429}$	$-\sqrt{32}$	9	$-\sqrt{90}$	$\sqrt{40}$
$(\frac{7}{2}, \frac{7}{2})$	$\sqrt{429}$	2	$-\sqrt{18}$	$\sqrt{45}$	$-\sqrt{80}$
	D	$(\frac{11}{2}, \frac{1}{2})(4, -4)$	$(\frac{11}{2}, -\frac{1}{2})(4, -3)$	$(\frac{11}{2}, -\frac{3}{2})(4, -2)$	$(\frac{11}{2}, -\frac{5}{2})(4, -1)$

		$\left(\frac{11}{2}, \frac{7}{2}\right)(4, 0)$	$\left(\frac{11}{2}, \frac{9}{2}\right)(4, -1)$	$\left(\frac{11}{2}, \frac{11}{2}\right)(4, -2)$	
$m = \pm \frac{5}{2}$	D	$\sqrt{275}$	$\sqrt{44}$	$\sqrt{2}$	$\left(\frac{19}{2}, -\frac{7}{2}\right)$
		70	47	$\sqrt{198}$	$-\left(\frac{17}{2}, -\frac{7}{2}\right)$
		$\sqrt{1690}$	$\sqrt{6250}$	$\sqrt{1375}$	$\left(\frac{15}{2}, -\frac{7}{2}\right)$
		$-\sqrt{2940}$	$\sqrt{9375}$	$\sqrt{8250}$	$-\left(\frac{13}{2}, -\frac{7}{2}\right)$
		$-\sqrt{726}$	$\sqrt{24}$	$\sqrt{1188}$	$\left(\frac{11}{2}, -\frac{7}{2}\right)$
		0	$-\sqrt{54}$	$\sqrt{132}$	$-\left(\frac{9}{2}, -\frac{7}{2}\right)$
		$\sqrt{108}$	$-\sqrt{108}$	$\sqrt{66}$	$\left(\frac{7}{2}, -\frac{7}{2}\right)$
		$\left(\frac{11}{2}, -\frac{7}{2}\right)(4, 0)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)(4, 1)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)(4, 2)$	
$m = \pm \frac{5}{2}$		$\left(\frac{11}{2}, -\frac{3}{2}\right)(4, 4)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)(4, 3)$	$\left(\frac{11}{2}, \frac{1}{2}\right)(4, 2)$	$\left(\frac{11}{2}, \frac{3}{2}\right)(4, 1)$
$\left(\frac{19}{2}, \frac{5}{2}\right)$	$\sqrt{25194}$	$\sqrt{165}$	$\sqrt{1848}$	$\sqrt{6468}$	$\sqrt{9240}$
$\left(\frac{17}{2}, \frac{5}{2}\right)$	$\sqrt{33592}$	$-\sqrt{1680}$	$-\sqrt{8214}$	$-\sqrt{6804}$	$\sqrt{30}$
$\left(\frac{15}{2}, \frac{5}{2}\right)$	$\sqrt{51051}$	$\sqrt{8232}$	$\sqrt{11760}$	$-\sqrt{210}$	$-\sqrt{10092}$
$\left(\frac{13}{2}, \frac{5}{2}\right)$	$\sqrt{19448}$	$-\sqrt{5488}$	$-\sqrt{490}$	$\sqrt{3500}$	$-\sqrt{2}$
$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\sqrt{6006}$	$\sqrt{1715}$	$-\sqrt{392}$	$-\sqrt{252}$	$\sqrt{1000}$
$\left(\frac{9}{2}, \frac{5}{2}\right)$	$\sqrt{1716}$	$-\sqrt{280}$	19	$-\sqrt{126}$	$-\sqrt{5}$
$\left(\frac{7}{2}, \frac{5}{2}\right)$	$\sqrt{429}$	$\sqrt{20}$	$-\sqrt{56}$	9	$-\sqrt{70}$
$\left(\frac{5}{2}, \frac{5}{2}\right)$	$\sqrt{1716}$	$-\sqrt{8}$	$\sqrt{35}$	$-\sqrt{90}$	$\sqrt{175}$
D		$\left(\frac{11}{2}, \frac{3}{2}\right)(4, -4)$	$\left(\frac{11}{2}, \frac{1}{2}\right)(4, -3)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)(4, -2)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)(4, -1)$
		$\left(\frac{11}{2}, \frac{5}{2}\right)(4, 0)$	$\left(\frac{11}{2}, \frac{7}{2}\right)(4, -1)$	$\left(\frac{11}{2}, \frac{9}{2}\right)(4, -2)$	$\left(\frac{11}{2}, \frac{11}{2}\right)(4, -3)$
		$\sqrt{5775}$	$\sqrt{1540}$	$\sqrt{154}$	2
		$\sqrt{7500}$	$\sqrt{7605}$	$\sqrt{1682}$	$\sqrt{77}$
		$-\sqrt{30}$	$\sqrt{11552}$	$\sqrt{8405}$	$\sqrt{770}$
		$-\sqrt{3380}$	$\sqrt{363}$	$\sqrt{5070}$	$\sqrt{1155}$
		-13	$-\sqrt{540}$	$\sqrt{1014}$	$\sqrt{924}$
		$\sqrt{200}$	$-\sqrt{270}$	$\sqrt{12}$	$\sqrt{462}$
		$\sqrt{28}$	0	$-\sqrt{42}$	$\sqrt{132}$
		$-\sqrt{280}$	$\sqrt{378}$	$-\sqrt{420}$	$\sqrt{330}$
		$\left(\frac{11}{2}, -\frac{5}{2}\right)(4, 0)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)(4, 1)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)(4, 2)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)(4, 3)$

$m^{\pm} = \frac{3}{2}$	D	$(\frac{11}{2}, -\frac{5}{2})(4, 4)$	$(\frac{11}{2}, -\frac{3}{2})(4, 3)$	$(\frac{11}{2}, -\frac{1}{2})(4, 2)$	$(\frac{11}{2}, \frac{1}{2})(4, 1)$
$(\frac{19}{2}, \frac{3}{2})$	$\sqrt{75582}$	$\sqrt{165}$	$\sqrt{2640}$	$\sqrt{12936}$	$\sqrt{25872}$
$(\frac{17}{2}, \frac{3}{2})$	$\sqrt{369512}$	$-\sqrt{7680}$	$-\sqrt{60750}$	$-\sqrt{99372}$	$-\sqrt{14406}$
$(\frac{15}{2}, \frac{3}{2})$	$\sqrt{765765}$	$\sqrt{65856}$	$\sqrt{201684}$	$\sqrt{25410}$	$-\sqrt{107520}$
$(\frac{13}{2}, \frac{3}{2})$	$\sqrt{875160}$	$-\sqrt{175616}$	$-\sqrt{115934}$	$\sqrt{74060}$	$\sqrt{58870}$
$(\frac{11}{2}, \frac{3}{2})$	$\sqrt{6006}$	$\sqrt{1715}$	0	$-\sqrt{896}$	$\sqrt{448}$
$(\frac{9}{2}, \frac{3}{2})$	$\sqrt{5148}$	$-\sqrt{1280}$	$\sqrt{605}$	$\sqrt{2}$	-23
$(\frac{7}{2}, \frac{3}{2})$	$\sqrt{1287}$	$\sqrt{160}$	$-\sqrt{250}$	13	$-\sqrt{32}$
$(\frac{5}{2}, \frac{3}{2})$	$\sqrt{8580}$	-16	27	$-\sqrt{1210}$	$\sqrt{1445}$
$(\frac{3}{2}, \frac{3}{2})$	$\sqrt{495}$	1	-2	$\sqrt{10}$	$-\sqrt{20}$
D		$(\frac{11}{2}, \frac{5}{2})(4, -4)$	$(\frac{11}{2}, \frac{3}{2})(4, -3)$	$(\frac{11}{2}, \frac{1}{2})(4, -2)$	$(\frac{11}{2}, -\frac{1}{2})(4, -1)$
$(\frac{11}{2}, \frac{3}{2})(4, 0)$	$\sqrt{23100}$	$\sqrt{9240}$	$\sqrt{1540}$	$\sqrt{88}$	1
	$\sqrt{37800}$	$\sqrt{100905}$	$\sqrt{43750}$	69	$\sqrt{88}$
	$-\sqrt{57660}$	$\sqrt{71286}$	433	$\sqrt{47320}$	$\sqrt{1540}$
	$-\sqrt{112360}$	-161	$\sqrt{159414}$	$\sqrt{143745}$	$\sqrt{9240}$
	12	$-\sqrt{1000}$	$\sqrt{60}$	$\sqrt{1512}$	$\sqrt{231}$
	$\sqrt{700}$	$-\sqrt{70}$	$-\sqrt{420}$	$\sqrt{1014}$	$\sqrt{528}$
	$-\sqrt{14}$	$\sqrt{140}$	$-\sqrt{210}$	$\sqrt{48}$	$\sqrt{264}$
	$-\sqrt{1260}$	$\sqrt{686}$	$-\sqrt{84}$	$-\sqrt{270}$	$\sqrt{2640}$
	$\sqrt{35}$	$-\sqrt{56}$	$\sqrt{84}$	$-\sqrt{120}$	$\sqrt{165}$
	$(\frac{11}{2}, -\frac{3}{2})(4, 0)$	$(\frac{11}{2}, -\frac{5}{2})(4, 1)$	$(\frac{11}{2}, -\frac{7}{2})(4, 2)$	$(\frac{11}{2}, -\frac{9}{2})(4, 3)$	$(\frac{11}{2}, -\frac{11}{2})(4, 4)$

$m = \pm \frac{1}{2}$	D	$(\frac{11}{2}, -\frac{7}{2})(4, 4)$	$(\frac{11}{2}, -\frac{5}{2})(4, 3)$	$(\frac{11}{2}, -\frac{3}{2})(4, 2)$	$(\frac{11}{2}, -\frac{1}{2})(4, 1)$	
$(\frac{19}{2}, \frac{1}{2})$	$\sqrt{8398}$	$\sqrt{5}$	$\sqrt{120}$	$\sqrt{840}$	$\sqrt{2352}$	
$(\frac{17}{2}, \frac{1}{2})$	$\sqrt{92378}$	$-\sqrt{648}$	$-\sqrt{8427}$	$-\sqrt{24276}$	$-\sqrt{13230}$	
$(\frac{15}{2}, \frac{1}{2})$	$\sqrt{12155}$	$\sqrt{448}$	$\sqrt{2688}$	$\sqrt{1734}$	$-\sqrt{420}$	
$(\frac{13}{2}, \frac{1}{2})$	$\sqrt{72930}$	$-\sqrt{8232}$	$-\sqrt{16807}$	14	$\sqrt{11830}$	
$(\frac{11}{2}, \frac{1}{2})$	$\sqrt{858}$	$\sqrt{189}$	$\sqrt{56}$	$-\sqrt{128}$	0	
$(\frac{9}{2}, \frac{1}{2})$	$\sqrt{858}$	$-\sqrt{240}$	$\sqrt{10}$	$\sqrt{70}$	-11	
$(\frac{7}{2}, \frac{1}{2})$	$\sqrt{429}$	$\sqrt{96}$	-8	$\sqrt{7}$	$\sqrt{10}$	
$(\frac{5}{2}, \frac{1}{2})$	$\sqrt{4290}$	$-\sqrt{432}$	$\sqrt{722}$	$-\sqrt{686}$	$\sqrt{405}$	
$(\frac{3}{2}, \frac{1}{2})$	$\sqrt{165}$	$\sqrt{3}$	$-\sqrt{8}$	$\sqrt{14}$	$-\sqrt{20}$	
D		$(\frac{11}{2}, \frac{7}{2})(4, -4)$	$(\frac{11}{2}, \frac{5}{2})(4, -3)$	$(\frac{11}{2}, \frac{3}{2})(4, -2)$	$(\frac{11}{2}, \frac{1}{2})(4, -1)$	
$(\frac{11}{2}, \frac{1}{2})(4, 0)$	$\sqrt{2940}$	$\sqrt{1680}$	$\sqrt{420}$	$\sqrt{40}$	1	$(\frac{19}{2}, -\frac{1}{2})$
$(\frac{11}{2}, \frac{3}{2})(4, -1)$	$\sqrt{1176}$	$\sqrt{22218}$	$\sqrt{18522}$	61	$\sqrt{160}$	$-(\frac{17}{2}, -\frac{1}{2})$
$(\frac{11}{2}, \frac{5}{2})(4, -2)$	$-\sqrt{2100}$	$\sqrt{48}$	$\sqrt{2883}$	$\sqrt{1694}$	$\sqrt{140}$	$(\frac{15}{2}, -\frac{1}{2})$
$(\frac{11}{2}, \frac{7}{2})(4, -3)$	$-\sqrt{1400}$	$-\sqrt{10082}$	$\sqrt{3362}$	$\sqrt{17661}$	$\sqrt{3360}$	$-(\frac{13}{2}, -\frac{1}{2})$
$(\frac{11}{2}, \frac{9}{2})(4, -4)$	$\sqrt{112}$	-8	-6	$\sqrt{168}$	$\sqrt{105}$	$(\frac{11}{2}, -\frac{1}{2})$
$\sqrt{20}$	$\sqrt{20}$	$\sqrt{35}$	$-\sqrt{140}$	$\sqrt{3}$	$\sqrt{192}$	$-(\frac{9}{2}, -\frac{1}{2})$
$\sqrt{50}$	- $\sqrt{50}$	$\sqrt{56}$	$-\sqrt{14}$	$-\sqrt{12}$	$\sqrt{120}$	$(\frac{7}{2}, -\frac{1}{2})$
-10	-10	$-\sqrt{7}$	$\sqrt{252}$	$-\sqrt{726}$	$\sqrt{960}$	$-(\frac{5}{2}, -\frac{1}{2})$
5	-5	$-\sqrt{28}$	$\sqrt{28}$	$-\sqrt{24}$	$\sqrt{15}$	$(\frac{3}{2}, -\frac{1}{2})$
$(\frac{11}{2}, -\frac{1}{2})(4, 0)$	$(\frac{11}{2}, -\frac{3}{2})(4, 1)$	$(\frac{11}{2}, -\frac{5}{2})(4, 2)$	$(\frac{11}{2}, -\frac{7}{2})(4, 3)$	$(\frac{11}{2}, -\frac{9}{2})(4, 4)$		

 $j' = 4$
 $j = 6$

$m = \pm 9$	D	$(6, 5)(4, 4)$	$(6, 6)(4, 3)$	
$(10, 9)$	$\sqrt{5}$	$\sqrt{3}$	$\sqrt{2}$	$(10, -9)$
$(9, 9)$	$\sqrt{5}$	$-\sqrt{2}$	$\sqrt{3}$	$-(9, -9)$
D		$(6, -5)(4, -4)$	$(6, -6)(4, -3)$	

$m = \pm 8$	D	(6, 4) (4, 4)	(6, 5) (4, 3)	(6, 6) (4, 2)	
(10, 8)	$\sqrt{95}$	$\sqrt{33}$	$\sqrt{48}$	$\sqrt{14}$	(10, -8)
(9, 8)	$\sqrt{45}$	$-\sqrt{22}$	$\sqrt{2}$	$\sqrt{21}$	-(9, -8)
(8, 8)	$\sqrt{171}$	$\sqrt{28}$	$-\sqrt{77}$	$\sqrt{66}$	(8, -8)
	D	(6, -4) (4, -4)	(6, -5) (4, -3)	(6, -6) (4, -2)	

$m = \pm 7$	D	(6, 3) (4, 4)	(6, 4) (4, 3)	(6, 5) (4, 2)	(6, 6) (4, 1)	
(10, 7)	$\sqrt{285}$	$\sqrt{55}$	$\sqrt{132}$	$\sqrt{84}$	$\sqrt{14}$	(10, -7)
(9, 7)	$\sqrt{765}$	$-\sqrt{330}$	$-\sqrt{22}$	$\sqrt{224}$	$\sqrt{189}$	-(9, -7)
(8, 7)	$\sqrt{1368}$	$\sqrt{420}$	$-\sqrt{343}$	$-\sqrt{11}$	$\sqrt{594}$	(8, -7)
(7, 7)	$\sqrt{408}$	$-\sqrt{28}$	$\sqrt{105}$	$-\sqrt{165}$	$\sqrt{110}$	-(7, -7)
	D	(6, -3) (4, -4)	(6, -4) (4, -3)	(6, -5) (4, -2)	(6, -6) (4, -1)	

$m = \pm 6$	D	(6, 2) (4, 4)	(6, 3) (4, 3)	(6, 4) (4, 2)	
(10, 6)	$\sqrt{4845}$	$\sqrt{495}$	$\sqrt{1760}$	$\sqrt{1848}$	
(9, 6)	$\sqrt{1020}$	$-\sqrt{330}$	$\sqrt{165}$	$\sqrt{77}$	
(8, 6)	$\sqrt{1368}$	$\sqrt{504}$	$-\sqrt{63}$	$\sqrt{240}$	
(7, 6)	$\sqrt{2856}$	$-\sqrt{504}$	$\sqrt{847}$	$-\sqrt{240}$	
(6, 6)	$\sqrt{476}$	$\sqrt{14}$	$-\sqrt{63}$	$\sqrt{135}$	
	D	(6, -2) (4, -4)	(6, -3) (4, -3)	(6, -4) (4, -2)	

	(6, 5) (4, 1)	(6, 6) (4, 0)	
	$\sqrt{672}$	$\sqrt{70}$	(10, -6)
	$\sqrt{343}$	$\sqrt{105}$	-(9, -6)
	$\sqrt{165}$	$\sqrt{396}$	(8, -6)
	$-\sqrt{165}$	$\sqrt{1100}$	-(7, -6)
	$-\sqrt{165}$	$\sqrt{99}$	(6, -6)
	(6, -5) (4, -1)	(6, -6) (4, 0)	

$m = \pm 5$	D	(6, 1) (4, 4)	(6, 2) (4, 3)	(6, 3) (4, 2)	
(10, 5)	$\sqrt{1938}$	$\sqrt{99}$	$\sqrt{495}$	$\sqrt{770}$	
(9, 5)	$\sqrt{612}$	$-\sqrt{132}$	$-\sqrt{165}$	0	
(8, 5)	$\sqrt{9576}$	$\sqrt{3360}$	$\sqrt{42}$	$-\sqrt{2187}$	
(7, 5)	$\sqrt{37128}$	$-\sqrt{10080}$	$\sqrt{6174}$	17	
(6, 5)	$\sqrt{1428}$	$\sqrt{140}$	$-\sqrt{343}$	$\sqrt{288}$	
(5, 5)	$\sqrt{546}$	$-\sqrt{7}$	$\sqrt{35}$	$-\sqrt{90}$	
	D	(6, -1) (4, -4)	(6, -2) (4, -3)	(6, -3) (4, -2)	

		(6, 4)(4, 1)	(6, 5)(4, 0)	(6, 6)(4, -1)	
$m = \pm 4$	D	(6, 0)(4, 4)	(6, 1)(4, 3)	(6, 2)(4, 2)	(6, 3)(4, 1)
	$\sqrt{9690}$	$\sqrt{231}$	$\sqrt{1584}$	$\sqrt{3465}$	$\sqrt{3080}$
	$\sqrt{85680}$	$-\sqrt{11088}$	$-\sqrt{25872}$	$-\sqrt{4620}$	$\sqrt{9240}$
	$\sqrt{62244}$	$\sqrt{17640}$	$\sqrt{5250}$	$-\sqrt{8214}$	$-\sqrt{5547}$
	$\sqrt{18564}$	$-\sqrt{5880}$	$\sqrt{630}$	$\sqrt{2178}$	-49
	$\sqrt{15708}$	$\sqrt{2940}$	$-\sqrt{3500}$	23	$\sqrt{882}$
	$\sqrt{2730}$	$-\sqrt{147}$	$\sqrt{448}$	$\sqrt{605}$	$\sqrt{360}$
	$\sqrt{715}$	2	$-\sqrt{21}$	$\sqrt{60}$	$-\sqrt{120}$
D		(6, 0)(4, -4)	(6, -1)(4, -3)	(6, -2)(4, -2)	(6, -3)(4, -1)
		(6, 4)(4, 0)	(6, 5)(4, -1)	(6, 6)(4, -2)	
		$\sqrt{1155}$	$\sqrt{168}$	$\sqrt{7}$	(10, -4)
		$\sqrt{24640}$	$\sqrt{9464}$	$\sqrt{756}$	$-(9, -4)$
		$\sqrt{6728}$	$\sqrt{15895}$	$\sqrt{2970}$	(8, -4)
		$-\sqrt{600}$	$\sqrt{4125}$	$\sqrt{2750}$	$-(7, -4)$
		$-\sqrt{3072}$	$\sqrt{330}$	$\sqrt{4455}$	(6, -4)
		$-\sqrt{15}$	$-\sqrt{264}$	$\sqrt{891}$	$-(5, -4)$
		$\sqrt{180}$	$-\sqrt{198}$	$\sqrt{132}$	(4, -4)
$m = \pm 3$		(6, -4)(4, 0)	(6, -5)(4, 1)	(6, -6)(4, 2)	
		(6, -1)(4, 4)	(6, 0)(4, 3)	(6, 1)(4, 2)	(6, 2)(4, 1)
		$\sqrt{9690}$	$\sqrt{99}$	$\sqrt{924}$	$\sqrt{2772}$
		$\sqrt{13260}$	$-\sqrt{924}$	$-\sqrt{3564}$	$-\sqrt{2112}$
		$\sqrt{41496}$	$\sqrt{8232}$	$\sqrt{7938}$	$-\sqrt{1014}$
		$\sqrt{408408}$	$-\sqrt{123480}$	$-\sqrt{1470}$	$\sqrt{75690}$
		$\sqrt{5236}$	$\sqrt{1372}$	$-\sqrt{588}$	-8
		$\sqrt{2730}$	$-\sqrt{343}$	$\sqrt{588}$	$-\sqrt{324}$
		$\sqrt{2860}$	$\sqrt{84}$	$-\sqrt{289}$	$\sqrt{507}$
		$\sqrt{1716}$	-2	$\sqrt{21}$	$-\sqrt{63}$
D		(6, 1)(4, -4)	(6, 0)(4, -3)	(6, -1)(4, -2)	(6, -2)(4, -1)

$(6, 3)(4, 0)$	$(6, 4)(4, -1)$	$(6, 5)(4, -2)$	$(6, 6)(4, -3)$	
$\sqrt{1925}$	$\sqrt{462}$	$\sqrt{42}$	1	(10, -3)
$\sqrt{3300}$	$\sqrt{2662}$	$\sqrt{512}$	$\sqrt{21}$	-(9, -3)
$\sqrt{150}$	101	$\sqrt{5819}$	$\sqrt{462}$	(8, -3)
$-\sqrt{62410}$	$\sqrt{18375}$	$\sqrt{103125}$	$\sqrt{19250}$	-(7, -3)
$-\sqrt{324}$	$-\sqrt{294}$	$\sqrt{1056}$	$\sqrt{693}$	(6, -3)
15	$-\sqrt{486}$	$\sqrt{66}$	$\sqrt{693}$	-(5, -3)
$\sqrt{300}$	$-\sqrt{18}$	$-\sqrt{198}$	$\sqrt{924}$	(4, -3)
$-\sqrt{252}$	$\sqrt{378}$	$-\sqrt{462}$	$\sqrt{396}$	-(3, -3)
$(6, -3)(4, 0)$	$(6, -4)(4, 1)$	$(6, -5)(4, 2)$	$(6, -6)(4, 3)$	

$m = \pm 2$	D	$(6, -2)(4, 4)$	$(6, -1)(4, 3)$	$(6, 0)(4, 2)$	$(6, 1)(4, 1)$
(10, 2)	$\sqrt{125970}$	$\sqrt{495}$	$\sqrt{6336}$	$\sqrt{25872}$	$\sqrt{44352}$
(9, 2)	$\sqrt{39780}$	$-\sqrt{1320}$	$-\sqrt{7986}$	$-\sqrt{9702}$	$-\sqrt{462}$
(8, 2)	$\sqrt{1369368}$	$\sqrt{164640}$	$\sqrt{347802}$	$\sqrt{8064}$	$-\sqrt{237606}$
(7, 2)	$\sqrt{408408}$	$-\sqrt{98784}$	$-\sqrt{30870}$	$\sqrt{53760}$	$\sqrt{10890}$
(6, 2)	$\sqrt{47124}$	$\sqrt{13720}$	$-\sqrt{686}$	$-\sqrt{5082}$	$\sqrt{5618}$
(5, 2)	$\sqrt{8190}$	$-\sqrt{1715}$	$\sqrt{1372}$	$-\sqrt{84}$	-22
(4, 2)	$\sqrt{2860}$	$\sqrt{240}$	$-\sqrt{507}$	22	$-\sqrt{189}$
(3, 2)	$\sqrt{5148}$	$-\sqrt{80}$	17	$-\sqrt{588}$	$\sqrt{847}$
(2, 2)	$\sqrt{1287}$	1	$-\sqrt{5}$	$\sqrt{15}$	$-\sqrt{35}$
	D	$(6, 2)(4, -4)$	$(6, 1)(4, -3)$	$(6, 0)(4, -2)$	$(6, -1)(4, -1)$

$(6, 2)(4, 0)$	$(6, 3)(4, -1)$	$(6, 4)(4, -2)$	$(6, 5)(4, -3)$	$(6, 6)(4, -4)$	
$\sqrt{34650}$	$\sqrt{12320}$	$\sqrt{1848}$	$\sqrt{96}$	1	(10, -2)
$\sqrt{5775}$	$\sqrt{10395}$	$\sqrt{3773}$	19	$\sqrt{6}$	-(9, -2)
$-\sqrt{50700}$	$\sqrt{184815}$	556	$\sqrt{64757}$	$\sqrt{1848}$	(8, -2)
$-\sqrt{64980}$	-53	$\sqrt{86640}$	$\sqrt{56595}$	$\sqrt{3080}$	-(7, -2)
11	$-\sqrt{7605}$	$\sqrt{1587}$	$\sqrt{11319}$	$\sqrt{1386}$	(6, -2)
$\sqrt{1250}$	$-\sqrt{360}$	$-\sqrt{384}$	$\sqrt{1848}$	$\sqrt{693}$	-(5, -2)
0	$\sqrt{210}$	$-\sqrt{504}$	$\sqrt{198}$	$\sqrt{528}$	(4, -2)
$-\sqrt{896}$	$\sqrt{630}$	$-\sqrt{168}$	$-\sqrt{66}$	$\sqrt{1584}$	-(3, -2)
$\sqrt{70}$	$-\sqrt{126}$	$\sqrt{210}$	$-\sqrt{330}$	$\sqrt{495}$	(2, -2)
$(6, -2)(4, 0)$	$(6, -3)(4, 1)$	$(6, -4)(4, 2)$	$(6, -5)(4, 3)$	$(6, -6)(4, 4)$	

$m = \pm 1$	D	(6, -3)(4, 4)	(6, -2)(4, 3)	(6, -1)(4, 2)	(6, 0)(4, 1)
(10, 1)	$\sqrt{41990}$	$\sqrt{55}$	$\sqrt{990}$	$\sqrt{5544}$	$\sqrt{12936}$
(9, 1)	$\sqrt{19890}$	$-\sqrt{270}$	$-\sqrt{2535}$	$-\sqrt{5376}$	$-\sqrt{1764}$
(8, 1)	$\sqrt{195624}$	$\sqrt{12096}$	$\sqrt{48552}$	$\sqrt{15870}$	$-\sqrt{15750}$
(7, 1)	$\sqrt{136136}$	$-\sqrt{21952}$	$-\sqrt{24696}$	$\sqrt{4410}$	$\sqrt{17010}$
(6, 1)	$\sqrt{23562}$	$\sqrt{6174}$	$\sqrt{343}$	$-\sqrt{3920}$	$\sqrt{420}$
(5, 1)	$\sqrt{1170}$	$-\sqrt{315}$	$\sqrt{70}$	$\sqrt{32}$	$-\sqrt{168}$
(4, 1)	$\sqrt{2860}$	$\sqrt{480}$	$-\sqrt{540}$	$\sqrt{189}$	1
(3, 1)	$\sqrt{5148}$	$-\sqrt{288}$	$\sqrt{676}$	$-\sqrt{875}$	$\sqrt{735}$
(2, 1)	$\sqrt{1287}$	3	$-\sqrt{32}$	$\sqrt{70}$	$-\sqrt{120}$

D	(6, 3)(4, -4)	(6, 2)(4, -3)	(6, 1)(4, -2)	(6, 0)(4, -1)	
$(6, 1)(4, 0)$	$(6, 2)(4, -1)$	$(6, 3)(4, -2)$	$(6, 4)(4, -3)$	$(6, 5)(4, -4)$	
$\sqrt{13860}$	$\sqrt{6930}$	$\sqrt{1540}$	$\sqrt{132}$	$\sqrt{3}$	(10, -1)
$\sqrt{840}$	$\sqrt{5145}$	$\sqrt{3360}$	$\sqrt{578}$	$\sqrt{22}$	$-(9, -1)$
$-\sqrt{26508}$	$\sqrt{5046}$	$\sqrt{48387}$	$\sqrt{21875}$	$\sqrt{1540}$	(8, -1)
-90	$-\sqrt{13122}$	109	$\sqrt{30345}$	$\sqrt{4620}$	$-(7, -1)$
$\sqrt{2048}$	$-\sqrt{2809}$	$-\sqrt{288}$	$\sqrt{5250}$	$\sqrt{2310}$	(6, -1)
$\sqrt{80}$	$\sqrt{10}$	$-\sqrt{180}$	$\sqrt{84}$	$\sqrt{231}$	$-(5, -1)$
$-\sqrt{210}$	$\sqrt{420}$	$-\sqrt{210}$	$-\sqrt{18}$	$\sqrt{792}$	(4, -1)
$-\sqrt{350}$	$\sqrt{28}$	$\sqrt{126}$	$-\sqrt{750}$	$\sqrt{1320}$	$-(3, -1)$
$\sqrt{175}$	$-\sqrt{224}$	$\sqrt{252}$	$-\sqrt{240}$	$\sqrt{165}$	(2, -1)
$(6, -1)(4, 0)$	$(6, -2)(4, 1)$	$(6, -3)(4, 2)$	$(6, -4)(4, 3)$	$(6, -5)(4, 4)$	

$m = 0$	D	(6, -4)(4, 4)	(6, -3)(4, 3)	(6, -2)(4, 2)	(6, -1)(4, 1)
(10, 0)	$\sqrt{8398}$	$\sqrt{3}$	$\sqrt{80}$	$\sqrt{630}$	$\sqrt{2016}$
(9, 0)	$\sqrt{4862}$	$-\sqrt{22}$	$-\sqrt{330}$	$-\sqrt{1155}$	$-\sqrt{924}$
(8, 0)	$\sqrt{5434}$	$\sqrt{140}$	$\sqrt{1029}$	$\sqrt{1014}$	$-\sqrt{30}$
(7, 0)	$\sqrt{4862}$	$-\sqrt{420}$	$-\sqrt{1183}$	$-\sqrt{18}$	$\sqrt{810}$
(6, 0)	$\sqrt{1122}$	$\sqrt{210}$	$\sqrt{126}$	-11	$-\sqrt{20}$
(5, 0)	$\sqrt{78}$	$-\sqrt{21}$	0	$\sqrt{10}$	$-\sqrt{8}$
(4, 0)	$\sqrt{286}$	$\sqrt{72}$	$-\sqrt{30}$	0	$\sqrt{21}$
(3, 0)	$\sqrt{858}$	$-\sqrt{120}$	$\sqrt{162}$	$-\sqrt{112}$	$\sqrt{35}$
(2, 0)	$\sqrt{429}$	$\sqrt{15}$	-6	$\sqrt{56}$	$-\sqrt{70}$

$(6, 0)(4, 0)$	$(6, 1)(4, -1)$	$(6, 2)(4, -2)$	$(6, 3)(4, -3)$	$(6, 4)(4, -4)$
$\sqrt{2940}$	$\sqrt{2016}$	$\sqrt{630}$	$\sqrt{80}$	$\sqrt{3}$
0	$\sqrt{924}$	$\sqrt{1155}$	$\sqrt{330}$	$\sqrt{22}$
$-\sqrt{1008}$	$-\sqrt{30}$	$\sqrt{1014}$	$\sqrt{1029}$	$\sqrt{140}$
0	$-\sqrt{810}$	$\sqrt{18}$	$\sqrt{1183}$	$\sqrt{420}$
$\sqrt{168}$	$-\sqrt{20}$	-11	$\sqrt{126}$	$\sqrt{210}$
0	$\sqrt{8}$	$-\sqrt{10}$	0	$\sqrt{21}$
$-\sqrt{40}$	$\sqrt{21}$	0	$-\sqrt{30}$	$\sqrt{72}$
0	$-\sqrt{35}$	$\sqrt{112}$	$-\sqrt{162}$	$\sqrt{120}$
$\sqrt{75}$	$-\sqrt{70}$	$\sqrt{56}$	-6	$\sqrt{15}$

$j' = 9/2$ $j = 5$

$m = \pm \frac{17}{2}$	D	$(5, 4)\left(\frac{9}{2}, \frac{9}{2}\right)$	$(5, 5)\left(\frac{9}{2}, \frac{7}{2}\right)$	
$\left(\frac{19}{2}, \frac{17}{2}\right)$	$\sqrt{19}$	$\sqrt{10}$	3	$\left(\frac{19}{2}, -\frac{17}{2}\right)$
$\left(\frac{17}{2}, \frac{17}{2}\right)$	$\sqrt{19}$	-3	$\sqrt{10}$	$-\left(\frac{17}{2}, -\frac{17}{2}\right)$
	D	$(5, -4)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$(5, -5)\left(\frac{9}{2}, -\frac{7}{2}\right)$	

$m = \pm \frac{15}{2}$	D	$(5, 3)\left(\frac{9}{2}, \frac{9}{2}\right)$	$(5, 4)\left(\frac{9}{2}, \frac{7}{2}\right)$	$(5, 5)\left(\frac{9}{2}, \frac{5}{2}\right)$	
$\left(\frac{19}{2}, \frac{15}{2}\right)$	$\sqrt{19}$	$\sqrt{5}$	$\sqrt{10}$	2	$\left(\frac{19}{2}, -\frac{15}{2}\right)$
$\left(\frac{17}{2}, \frac{15}{2}\right)$	$\sqrt{323}$	$-\sqrt{162}$	1	$\sqrt{160}$	$-\left(\frac{17}{2}, -\frac{15}{2}\right)$
$\left(\frac{15}{2}, \frac{15}{2}\right)$	$\sqrt{17}$	2	$-\sqrt{8}$	$\sqrt{5}$	$\left(\frac{15}{2}, -\frac{15}{2}\right)$
	D	$(5, -3)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$(5, -4)\left(\frac{9}{2}, -\frac{7}{2}\right)$	$(5, -5)\left(\frac{9}{2}, -\frac{5}{2}\right)$	

$m = \pm \frac{13}{2}$	D	$(5, 2)\left(\frac{9}{2}, \frac{9}{2}\right)$	$(5, 3)\left(\frac{9}{2}, \frac{7}{2}\right)$	$(5, 4)\left(\frac{9}{2}, \frac{5}{2}\right)$	$(5, 5)\left(\frac{9}{2}, \frac{3}{2}\right)$	
$\left(\frac{19}{2}, \frac{13}{2}\right)$	$\sqrt{323}$	$\sqrt{40}$	$\sqrt{135}$	$\sqrt{120}$	$\sqrt{28}$	$\left(\frac{19}{2}, -\frac{13}{2}\right)$
$\left(\frac{17}{2}, \frac{13}{2}\right)$	$\sqrt{646}$	$-\sqrt{243}$	$-\sqrt{72}$	11	$\sqrt{210}$	$-\left(\frac{17}{2}, -\frac{13}{2}\right)$
$\left(\frac{15}{2}, \frac{13}{2}\right)$	$\sqrt{85}$	$\sqrt{32}$	$-\sqrt{12}$	$-\sqrt{6}$	$\sqrt{35}$	$\left(\frac{15}{2}, -\frac{13}{2}\right)$
$\left(\frac{13}{2}, \frac{13}{2}\right)$	$\sqrt{170}$	$-\sqrt{21}$	$\sqrt{56}$	$-\sqrt{63}$	$\sqrt{30}$	$-\left(\frac{13}{2}, -\frac{13}{2}\right)$
	D	$(5, -2)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$(5, -3)\left(\frac{9}{2}, -\frac{7}{2}\right)$	$(5, -4)\left(\frac{9}{2}, -\frac{5}{2}\right)$	$(5, -5)\left(\frac{9}{2}, -\frac{3}{2}\right)$	

$m = \pm \frac{11}{2}$	D	$(5, 1)\left(\frac{9}{2}, \frac{9}{2}\right)$	$(5, 2)\left(\frac{9}{2}, \frac{7}{2}\right)$	$(5, 3)\left(\frac{9}{2}, \frac{5}{2}\right)$
$\left(\frac{19}{2}, \frac{11}{2}\right)$	$\sqrt{646}$	$\sqrt{35}$	$\sqrt{180}$	$\sqrt{270}$
$\left(\frac{17}{2}, \frac{11}{2}\right)$	$\sqrt{3230}$	$-\sqrt{756}$	$-\sqrt{867}$	$\sqrt{18}$
$\left(\frac{15}{2}, \frac{11}{2}\right)$	$\sqrt{85}$	$\sqrt{32}$	0	$-\sqrt{21}$
$\left(\frac{13}{2}, \frac{11}{2}\right)$	$\sqrt{2210}$	$-\sqrt{588}$	$\sqrt{525}$	$-\sqrt{14}$
$\left(\frac{11}{2}, \frac{11}{2}\right)$	$\sqrt{130}$	3	$-\sqrt{28}$	$\sqrt{42}$
D		$(5, -1)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$(5, -2)\left(\frac{9}{2}, -\frac{7}{2}\right)$	$(5, -3)\left(\frac{9}{2}, -\frac{5}{2}\right)$
		$(5, 4)\left(\frac{9}{2}, \frac{3}{2}\right)$	$(5, 5)\left(\frac{9}{2}, \frac{1}{2}\right)$	
		$\sqrt{140}$	$\sqrt{21}$	$\left(\frac{19}{2}, -\frac{11}{2}\right)$
		$\sqrt{1029}$	$\sqrt{560}$	$-\left(\frac{17}{2}, -\frac{11}{2}\right)$
		$\sqrt{2}$	$\sqrt{30}$	$\left(\frac{15}{2}, -\frac{11}{2}\right)$
		$-\sqrt{363}$	$\sqrt{720}$	$-\left(\frac{13}{2}, -\frac{11}{2}\right)$
		-6	$\sqrt{15}$	$\left(\frac{11}{2}, -\frac{11}{2}\right)$
		$(5, -4)\left(\frac{9}{2}, -\frac{3}{2}\right)$	$(5, -5)\left(\frac{9}{2}, -\frac{1}{2}\right)$	
$m = \pm \frac{9}{2}$	D	$(5, 0)\left(\frac{9}{2}, \frac{9}{2}\right)$	$(5, 1)\left(\frac{9}{2}, \frac{7}{2}\right)$	$(5, 2)\left(\frac{9}{2}, \frac{5}{2}\right)$
$\left(\frac{19}{2}, \frac{9}{2}\right)$	$\sqrt{646}$	$\sqrt{14}$	$\sqrt{105}$	$\sqrt{240}$
$\left(\frac{17}{2}, \frac{9}{2}\right)$	$\sqrt{3230}$	$-\sqrt{405}$	$-\sqrt{1014}$	$-\sqrt{168}$
$\left(\frac{15}{2}, \frac{9}{2}\right)$	$\sqrt{1105}$	$\sqrt{320}$	$\sqrt{96}$	$-\sqrt{168}$
$\left(\frac{13}{2}, \frac{9}{2}\right)$	$\sqrt{2210}$	$-\sqrt{735}$	$\sqrt{98}$	$\sqrt{224}$
$\left(\frac{11}{2}, \frac{9}{2}\right)$	$\sqrt{1430}$	$\sqrt{270}$	-19	$\sqrt{112}$
$\left(\frac{9}{2}, \frac{9}{2}\right)$	$\sqrt{143}$	$-\sqrt{6}$	$\sqrt{20}$	$-\sqrt{35}$
D		$(5, 0)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$(5, -1)\left(\frac{9}{2}, -\frac{7}{2}\right)$	$(5, -2)\left(\frac{9}{2}, -\frac{5}{2}\right)$

$(5, 3)\left(\frac{9}{2}, \frac{3}{2}\right)$	$(5, 4)\left(\frac{9}{2}, \frac{1}{2}\right)$	$(5, 5)\left(\frac{9}{2}, -\frac{1}{2}\right)$	
$\sqrt{210}$	$\sqrt{70}$	$\sqrt{7}$	$\left(\frac{19}{2}, -\frac{9}{2}\right)$
$\sqrt{432}$	31	$\sqrt{250}$	$-\left(\frac{17}{2}, -\frac{9}{2}\right)$
$-\sqrt{75}$	14	$\sqrt{250}$	$\left(\frac{15}{2}, -\frac{9}{2}\right)$
-20	$-\sqrt{3}$	$\sqrt{750}$	$-\left(\frac{13}{2}, -\frac{9}{2}\right)$
$\sqrt{18}$	$-\sqrt{294}$	$\sqrt{375}$	$\left(\frac{11}{2}, -\frac{9}{2}\right)$
$\sqrt{40}$	$-\sqrt{30}$	$\sqrt{12}$	$-\left(\frac{9}{2}, -\frac{9}{2}\right)$
$(5, -3)\left(\frac{9}{2}, -\frac{3}{2}\right)$	$(5, -4)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$(5, -5)\left(\frac{9}{2}, \frac{1}{2}\right)$	

$m = \pm \frac{7}{2}$	D	$(5, -1)\left(\frac{9}{2}, \frac{9}{2}\right)$	$(5, 0)\left(\frac{9}{2}, \frac{7}{2}\right)$	$(5, 1)\left(\frac{9}{2}, \frac{5}{2}\right)$	$(5, 2)\left(\frac{9}{2}, \frac{3}{2}\right)$
$\left(\frac{19}{2}, \frac{7}{2}\right)$	$\sqrt{646}$	$\sqrt{5}$	$\sqrt{54}$	$\sqrt{180}$	$\sqrt{240}$
$\left(\frac{17}{2}, \frac{7}{2}\right)$	$\sqrt{8398}$	$-\sqrt{486}$	$-\sqrt{2205}$	$-\sqrt{1536}$	$\sqrt{72}$
$\left(\frac{15}{2}, \frac{7}{2}\right)$	$\sqrt{7735}$	$\sqrt{1400}$	$\sqrt{1680}$	$-\sqrt{126}$	$-\sqrt{1512}$
$\left(\frac{13}{2}, \frac{7}{2}\right)$	$\sqrt{24310}$	$-\sqrt{7350}$	$-\sqrt{245}$	$\sqrt{4704}$	$-\sqrt{288}$
$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\sqrt{286}$	9	$-\sqrt{30}$	-2	$\sqrt{48}$
$\left(\frac{9}{2}, \frac{7}{2}\right)$	$\sqrt{429}$	$-\sqrt{60}$	$\sqrt{98}$	$-\sqrt{60}$	$\sqrt{5}$
$\left(\frac{7}{2}, \frac{7}{2}\right)$	$\sqrt{429}$	$\sqrt{12}$	$-\sqrt{40}$	$\sqrt{75}$	-10
D		$(5, 1)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$(5, 0)\left(\frac{9}{2}, -\frac{7}{2}\right)$	$(5, -1)\left(\frac{9}{2}, -\frac{5}{2}\right)$	$(5, -2)\left(\frac{9}{2}, -\frac{3}{2}\right)$

$(5, 3)\left(\frac{9}{2}, \frac{1}{2}\right)$	$(5, 4)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$(5, 5)\left(\frac{9}{2}, -\frac{3}{2}\right)$	
$\sqrt{135}$	$\sqrt{30}$	$\sqrt{2}$	$\left(\frac{19}{2}, -\frac{7}{2}\right)$
$\sqrt{2178}$	41	$\sqrt{240}$	$-\left(\frac{17}{2}, -\frac{7}{2}\right)$
$\sqrt{42}$	$\sqrt{2100}$	$\sqrt{875}$	$\left(\frac{15}{2}, -\frac{7}{2}\right)$
$-\sqrt{3698}$	45	$\sqrt{6000}$	$-\left(\frac{13}{2}, -\frac{7}{2}\right)$
$-\sqrt{27}$	$-\sqrt{6}$	$\sqrt{90}$	$\left(\frac{11}{2}, -\frac{7}{2}\right)$
$\sqrt{20}$	$-\sqrt{90}$	$\sqrt{96}$	$-\left(\frac{9}{2}, -\frac{7}{2}\right)$
10	$-\sqrt{72}$	$\sqrt{30}$	$\left(\frac{7}{2}, -\frac{7}{2}\right)$
$(5, -3)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$(5, -4)\left(\frac{9}{2}, \frac{1}{2}\right)$	$(5, -5)\left(\frac{9}{2}, \frac{3}{2}\right)$	

$m = \pm \frac{5}{2}$	D	$(5, -2)\left(\frac{9}{2}, \frac{9}{2}\right)$	$(5, -1)\left(\frac{9}{2}, \frac{7}{2}\right)$	$(5, 0)\left(\frac{9}{2}, \frac{5}{2}\right)$	$(5, 1)\left(\frac{9}{2}, \frac{3}{2}\right)$
$\left(\frac{19}{2}, \frac{5}{2}\right)$	$\sqrt{8398}$	$\sqrt{20}$	$\sqrt{315}$	$\sqrt{1512}$	$\sqrt{2940}$
$\left(\frac{17}{2}, \frac{5}{2}\right)$	$\sqrt{8398}$	$-\sqrt{189}$	$-\sqrt{1452}$	$-\sqrt{2250}$	$-\sqrt{252}$
$\left(\frac{15}{2}, \frac{5}{2}\right)$	$\sqrt{2431}$	$\sqrt{224}$	$\sqrt{648}$	$\sqrt{60}$	$-\sqrt{378}$
$\left(\frac{13}{2}, \frac{5}{2}\right)$	$\sqrt{4862}$	$-\sqrt{1029}$	$-\sqrt{588}$	$\sqrt{490}$	$\sqrt{252}$
$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\sqrt{858}$	$\sqrt{252}$	-1	$-\sqrt{120}$	$\sqrt{84}$
$\left(\frac{9}{2}, \frac{5}{2}\right)$	$\sqrt{858}$	$-\sqrt{210}$	$\sqrt{120}$	-1	$-\sqrt{70}$
$\left(\frac{7}{2}, \frac{5}{2}\right)$	$\sqrt{429}$	$\sqrt{48}$	$-\sqrt{84}$	$\sqrt{70}$	-5
$\left(\frac{5}{2}, \frac{5}{2}\right)$	$\sqrt{858}$	$-\sqrt{18}$	$\sqrt{56}$	$-\sqrt{105}$	$\sqrt{150}$
	D	$(5, 2)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$(5, 1)\left(\frac{9}{2}, -\frac{7}{2}\right)$	$(5, 0)\left(\frac{9}{2}, -\frac{5}{2}\right)$	$(5, -1)\left(\frac{9}{2}, -\frac{3}{2}\right)$
		$(5, 2)\left(\frac{9}{2}, \frac{1}{2}\right)$	$(5, 3)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$(5, 4)\left(\frac{9}{2}, -\frac{3}{2}\right)$	$(5, 5)\left(\frac{9}{2}, -\frac{5}{2}\right)$
		$\sqrt{2520}$	$\sqrt{945}$	$\sqrt{140}$	$\sqrt{6}$
		$\sqrt{1014}$	$\sqrt{2304}$	$\sqrt{867}$	$\sqrt{70}$
		-12	$\sqrt{294}$	$\sqrt{578}$	$\sqrt{105}$
		$-\sqrt{726}$	-8	$\sqrt{1083}$	$\sqrt{630}$
		$\sqrt{8}$	$-\sqrt{147}$	6	$\sqrt{210}$
		$\sqrt{135}$	$-\sqrt{40}$	$-\sqrt{30}$	$\sqrt{252}$
		0	$\sqrt{28}$	$-\sqrt{84}$	$\sqrt{90}$
		$-\sqrt{175}$	$\sqrt{168}$	$-\sqrt{126}$	$\sqrt{60}$
		$(5, -2)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$(5, -3)\left(\frac{9}{2}, \frac{1}{2}\right)$	$(5, -4)\left(\frac{9}{2}, \frac{3}{2}\right)$	$(5, -5)\left(\frac{9}{2}, \frac{5}{2}\right)$

$m = \pm \frac{3}{2}$	D	$(5, -3)\left(\frac{9}{2}, \frac{9}{2}\right)$	$(5, -2)\left(\frac{9}{2}, \frac{7}{2}\right)$	$(5, -1)\left(\frac{9}{2}, \frac{5}{2}\right)$	$(5, 0)\left(\frac{9}{2}, \frac{3}{2}\right)$	
$\left(\frac{19}{2}, \frac{3}{2}\right)$	$\sqrt{8398}$	$\sqrt{-5}$	$\sqrt{120}$	$\sqrt{840}$	$\sqrt{2352}$	
$\left(\frac{17}{2}, \frac{3}{2}\right)$	$\sqrt{92378}$	$-\sqrt{648}$	$-\sqrt{8427}$	$-\sqrt{24276}$	$-\sqrt{13230}$	
$\left(\frac{15}{2}, \frac{3}{2}\right)$	$\sqrt{12155}$	$\sqrt{448}$	$\sqrt{2688}$	$\sqrt{1734}$	$-\sqrt{420}$	
$\left(\frac{13}{2}, \frac{3}{2}\right)$	$\sqrt{72930}$	$-\sqrt{8232}$	$-\sqrt{16807}$	14	$\sqrt{11830}$	
$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\sqrt{858}$	$\sqrt{189}$	$\sqrt{56}$	$-\sqrt{128}$	0	
$\left(\frac{9}{2}, \frac{3}{2}\right)$	$\sqrt{858}$	$-\sqrt{240}$	$\sqrt{10}$	$\sqrt{70}$	-11	
$\left(\frac{7}{2}, \frac{3}{2}\right)$	$\sqrt{429}$	$\sqrt{96}$	-8	$\sqrt{7}$	$\sqrt{10}$	
$\left(\frac{5}{2}, \frac{3}{2}\right)$	$\sqrt{4290}$	$-\sqrt{432}$	$\sqrt{722}$	$-\sqrt{686}$	$\sqrt{405}$	
$\left(\frac{3}{2}, \frac{3}{2}\right)$	$\sqrt{165}$	$\sqrt{-3}$	$-\sqrt{8}$	$\sqrt{14}$	$-\sqrt{20}$	
D		$(5, 3)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$(5, 2)\left(\frac{9}{2}, -\frac{7}{2}\right)$	$(5, 1)\left(\frac{9}{2}, -\frac{5}{2}\right)$	$(5, 0)\left(\frac{9}{2}, -\frac{3}{2}\right)$	
$(5, 1)\left(\frac{9}{2}, \frac{1}{2}\right)$	$\sqrt{2940}$	$\sqrt{1680}$	$\sqrt{420}$	$\sqrt{40}$	1	$\left(\frac{19}{2}, -\frac{3}{2}\right)$
$\sqrt{1176}$	$\sqrt{22218}$	$\sqrt{18522}$	61	$\sqrt{160}$		$-\left(\frac{17}{2}, -\frac{3}{2}\right)$
$-\sqrt{2100}$	$\sqrt{48}$	$\sqrt{2883}$	$\sqrt{1694}$	$\sqrt{140}$		$\left(\frac{15}{2}, -\frac{3}{2}\right)$
$-\sqrt{1400}$	$-\sqrt{10082}$	$\sqrt{3362}$	$\sqrt{17661}$	$\sqrt{3360}$		$-\left(\frac{13}{2}, -\frac{3}{2}\right)$
$\sqrt{112}$	-8	-6	$\sqrt{168}$	$\sqrt{105}$		$\left(\frac{11}{2}, -\frac{3}{2}\right)$
$\sqrt{20}$	$\sqrt{35}$	$-\sqrt{140}$	$\sqrt{30}$	$\sqrt{192}$		$-\left(\frac{9}{2}, -\frac{3}{2}\right)$
$-\sqrt{50}$	$\sqrt{56}$	$-\sqrt{14}$	$-\sqrt{12}$	$\sqrt{120}$		$\left(\frac{7}{2}, -\frac{3}{2}\right)$
-10	$-\sqrt{7}$	$\sqrt{252}$	$-\sqrt{726}$	$\sqrt{960}$		$-\left(\frac{5}{2}, -\frac{3}{2}\right)$
5	$-\sqrt{28}$	$\sqrt{28}$	$-\sqrt{24}$	$\sqrt{15}$		$\left(\frac{3}{2}, -\frac{3}{2}\right)$
$(5, -1)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$(5, -2)\left(\frac{9}{2}, \frac{1}{2}\right)$	$(5, -3)\left(\frac{9}{2}, \frac{3}{2}\right)$	$(5, -4)\left(\frac{9}{2}, \frac{5}{2}\right)$	$(5, -5)\left(\frac{9}{2}, \frac{7}{2}\right)$		

$m = \pm \frac{1}{2}$	D	$(5, -4)$ $\left(\frac{9}{2}, \frac{9}{2}\right)$	$(5, -3)$ $\left(\frac{9}{2}, \frac{7}{2}\right)$	$(5, -2)$ $\left(\frac{9}{2}, \frac{5}{2}\right)$	$(5, -1)$ $\left(\frac{9}{2}, \frac{3}{2}\right)$	$(5, 0)$ $\left(\frac{9}{2}, \frac{1}{2}\right)$
$\left(\frac{19}{2}, \frac{1}{2}\right)$	$\sqrt{92378}$	$\sqrt{10}$	$\sqrt{405}$	$\sqrt{4320}$	$\sqrt{17640}$	$\sqrt{31752}$
$\left(\frac{17}{2}, \frac{1}{2}\right)$	$\sqrt{461890}$	-27	$-\sqrt{17298}$	$-\sqrt{88752}$	$-\sqrt{112896}$	$-\sqrt{8820}$
$\left(\frac{15}{2}, \frac{1}{2}\right)$	$\sqrt{12155}$	$\sqrt{128}$	40	$\sqrt{2904}$	$\sqrt{98}$	$-\sqrt{1960}$
$\left(\frac{13}{2}, \frac{1}{2}\right)$	$\sqrt{72930}$	$-\sqrt{3087}$	$-\sqrt{17150}$	$-\sqrt{4116}$	$\sqrt{9072}$	$\sqrt{2240}$
$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\sqrt{4290}$	$\sqrt{486}$	$\sqrt{867}$	$-\sqrt{128}$	$-\sqrt{384}$	$\sqrt{480}$
$\left(\frac{9}{2}, \frac{1}{2}\right)$	$\sqrt{858}$	$-\sqrt{180}$	$-\sqrt{40}$	$\sqrt{135}$	$-\sqrt{20}$	-6
$\left(\frac{7}{2}, \frac{1}{2}\right)$	$\sqrt{2145}$	$\sqrt{576}$	$-\sqrt{32}$	$-\sqrt{108}$	17	$-\sqrt{180}$
$\left(\frac{5}{2}, \frac{1}{2}\right)$	$\sqrt{4290}$	$-\sqrt{972}$	$\sqrt{600}$	-11	$-\sqrt{12}$	$\sqrt{240}$
$\left(\frac{3}{2}, \frac{1}{2}\right)$	$\sqrt{165}$	$\sqrt{18}$	-5	$\sqrt{24}$	$-\sqrt{18}$	$\sqrt{10}$
$\left(\frac{1}{2}, \frac{1}{2}\right)$	$\sqrt{55}$	-1	$\sqrt{2}$	$-\sqrt{3}$	2	$-\sqrt{5}$
D		$(5, 4)$ $\left(\frac{9}{2}, -\frac{9}{2}\right)$	$(5, 3)$ $\left(\frac{9}{2}, -\frac{7}{2}\right)$	$(5, 2)$ $\left(\frac{9}{2}, -\frac{5}{2}\right)$	$(5, 1)$ $\left(\frac{9}{2}, -\frac{3}{2}\right)$	$(5, 0)$ $\left(\frac{9}{2}, -\frac{1}{2}\right)$
$\left(\frac{9}{2}, -\frac{1}{2}\right)$	$\sqrt{26460}$	$\sqrt{10080}$	$\sqrt{1620}$	$\sqrt{90}$	1	$\left(\frac{19}{2}, -\frac{1}{2}\right)$
	$\sqrt{57624}$	$\sqrt{121968}$	$\sqrt{48672}$	71	$\sqrt{90}$	$-\left(\frac{17}{2}, -\frac{1}{2}\right)$
	$-\sqrt{588}$	$\sqrt{1400}$	53	$\sqrt{648}$	$\sqrt{20}$	$\left(\frac{15}{2}, -\frac{1}{2}\right)$
	$-\sqrt{10752}$	-30	$\sqrt{14336}$	$\sqrt{10647}$	$\sqrt{630}$	$-\left(\frac{13}{2}, -\frac{1}{2}\right)$
4	$-\sqrt{672}$	$\sqrt{108}$	$\sqrt{1014}$	$\sqrt{135}$	$\left(\frac{11}{2}, -\frac{1}{2}\right)$	
	$\sqrt{120}$	$-\sqrt{35}$	$-\sqrt{40}$	$\sqrt{180}$	$\sqrt{72}$	$-\left(\frac{9}{2}, -\frac{1}{2}\right)$
	$\sqrt{6}$	$\sqrt{112}$	$-\sqrt{338}$	12	$\sqrt{360}$	$\left(\frac{7}{2}, -\frac{1}{2}\right)$
	$-\sqrt{512}$	$\sqrt{525}$	$-\sqrt{216}$	$-\sqrt{12}$	$\sqrt{1080}$	$-\left(\frac{5}{2}, -\frac{1}{2}\right)$
	$-\sqrt{3}$	0	2	$-\sqrt{18}$	$\sqrt{45}$	$\left(\frac{3}{2}, -\frac{1}{2}\right)$
	$\sqrt{6}$	$-\sqrt{7}$	$\sqrt{8}$	-3	$\sqrt{10}$	$-\left(\frac{1}{2}, -\frac{1}{2}\right)$
	$\left(\frac{9}{2}, \frac{1}{2}\right)$	$\left(\frac{9}{2}, \frac{3}{2}\right)$	$\left(\frac{9}{2}, \frac{5}{2}\right)$	$\left(\frac{9}{2}, \frac{7}{2}\right)$	$\left(\frac{9}{2}, \frac{9}{2}\right)$	

$j' = 9/2$ $j = 11/2$

$m = \pm 9$	D	$(\frac{11}{2}, \frac{9}{2})(\frac{9}{2}, \frac{9}{2})$	$(\frac{11}{2}, \frac{11}{2})(\frac{9}{2}, \frac{7}{2})$	
(10, 9)	$\sqrt{20}$	$\sqrt{11}$	3	(10, -9)
(9, 9)	$\sqrt{20}$	-3	$\sqrt{11}$	-(9, -9)
	D	$(\frac{11}{2}, -\frac{9}{2})(\frac{9}{2}, -\frac{9}{2})$	$(\frac{11}{2}, -\frac{11}{2})(\frac{9}{2}, -\frac{7}{2})$	
$m = \pm 8$	D	$(\frac{11}{2}, \frac{7}{2})(\frac{9}{2}, \frac{9}{2})$	$(\frac{11}{2}, \frac{9}{2})(\frac{9}{2}, \frac{7}{2})$	$(\frac{11}{2}, \frac{11}{2})(\frac{9}{2}, \frac{5}{2})$
(10, 8)	$\sqrt{190}$	$\sqrt{55}$	$\sqrt{99}$	6
(9, 8)	$\sqrt{90}$	$-\sqrt{45}$	1	$\sqrt{44}$
(8, 8)	$\sqrt{171}$	6	$-\sqrt{80}$	$\sqrt{55}$
	D	$(\frac{11}{2}, -\frac{7}{2})(\frac{9}{2}, -\frac{9}{2})$	$(\frac{11}{2}, -\frac{9}{2})(\frac{9}{2}, -\frac{7}{2})$	$(\frac{11}{2}, -\frac{11}{2})(\frac{9}{2}, -\frac{5}{2})$
$m = \pm 7$	D	$(\frac{11}{2}, \frac{5}{2})(\frac{9}{2}, \frac{9}{2})$	$(\frac{11}{2}, \frac{7}{2})(\frac{9}{2}, \frac{7}{2})$	
(10, 7)	$\sqrt{380}$	$\sqrt{55}$	$\sqrt{165}$	
(9, 7)	$\sqrt{3060}$	$-\sqrt{1215}$	$-\sqrt{245}$	
(8, 7)	$\sqrt{2736}$	$\sqrt{972}$	-22	
(7, 7)	$\sqrt{272}$	$-\sqrt{28}$	$\sqrt{84}$	
	D	$(\frac{11}{2}, -\frac{5}{2})(\frac{9}{2}, -\frac{9}{2})$	$(\frac{11}{2}, -\frac{7}{2})(\frac{9}{2}, -\frac{7}{2})$	
		$(\frac{11}{2}, \frac{9}{2})(\frac{9}{2}, \frac{5}{2})$	$(\frac{11}{2}, \frac{11}{2})(\frac{9}{2}, \frac{3}{2})$	
		$\sqrt{132}$	$\sqrt{28}$	(10, -7)
		$\sqrt{676}$	$\sqrt{924}$	-(9, -7)
		$-\sqrt{125}$	$\sqrt{1155}$	(8, -7)
		$-\sqrt{105}$	$\sqrt{55}$	-(7, -7)
		$(\frac{11}{2}, -\frac{9}{2})(\frac{9}{2}, -\frac{5}{2})$	$(\frac{11}{2}, -\frac{11}{2})(\frac{9}{2}, -\frac{3}{2})$	
$m = \pm 6$	D	$(\frac{11}{2}, \frac{3}{2})(\frac{9}{2}, \frac{9}{2})$	$(\frac{11}{2}, \frac{5}{2})(\frac{9}{2}, \frac{7}{2})$	$(\frac{11}{2}, \frac{7}{2})(\frac{9}{2}, \frac{5}{2})$
(10, 6)	$\sqrt{1615}$	$\sqrt{110}$	$\sqrt{495}$	$\sqrt{660}$
(9, 6)	$\sqrt{510}$	$-\sqrt{135}$	$-\sqrt{120}$	$\sqrt{10}$
(8, 6)	$\sqrt{2280}$	$\sqrt{864}$	$-\sqrt{12}$	$-\sqrt{529}$
(7, 6)	$\sqrt{952}$	$-\sqrt{224}$	$\sqrt{252}$	$-\sqrt{21}$
(6, 6)	$\sqrt{1190}$	$\sqrt{63}$	$-\sqrt{224}$	$\sqrt{378}$
	D	$(\frac{11}{2}, -\frac{3}{2})(\frac{9}{2}, -\frac{9}{2})$	$(\frac{11}{2}, -\frac{5}{2})(\frac{9}{2}, -\frac{7}{2})$	$(\frac{11}{2}, -\frac{7}{2})(\frac{9}{2}, -\frac{5}{2})$

		$\left(\frac{11}{2}, \frac{9}{2}\right)\left(\frac{9}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)\left(\frac{9}{2}, \frac{1}{2}\right)$		
		$\sqrt{308}$	$\sqrt{42}$	(10, -6)	
		$\sqrt{168}$	$\sqrt{77}$	-(9, -6)	
		$\sqrt{105}$	$\sqrt{770}$	(8, -6)	
		$-\sqrt{125}$	$\sqrt{330}$	-(7, -6)	
		$-\sqrt{360}$	$\sqrt{165}$	(6, -6)	
$m = \pm 5$		$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{9}{2}, \frac{9}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)\left(\frac{9}{2}, \frac{7}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)\left(\frac{9}{2}, \frac{5}{2}\right)$	
(10, 5)	$\sqrt{2584}$	$\sqrt{77}$	$\sqrt{495}$	$\sqrt{990}$	
(9, 5)	$\sqrt{6120}$	$-\sqrt{945}$	$-\sqrt{1875}$	$-\sqrt{150}$	
(8, 5)	$\sqrt{13680}$	$\sqrt{4320}$	$\sqrt{672}$	$-\sqrt{2541}$	
(7, 5)	$\sqrt{24752}$	$-\sqrt{7840}$	$\sqrt{2016}$	$\sqrt{1575}$	
(6, 5)	$\sqrt{14280}$	$\sqrt{2205}$	$-\sqrt{3703}$	$\sqrt{1694}$	
(5, 5)	$\sqrt{312}$	-3	$\sqrt{35}$	$-\sqrt{70}$	
	D	$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)\left(\frac{9}{2}, -\frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)\left(\frac{9}{2}, -\frac{5}{2}\right)$	
		$\left(\frac{11}{2}, \frac{7}{2}\right)\left(\frac{9}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{9}{2}\right)\left(\frac{9}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)\left(\frac{9}{2}, -\frac{1}{2}\right)$	
		$\sqrt{770}$	$\sqrt{231}$	$\sqrt{21}$	(10, -5)
		$\sqrt{1050}$	$\sqrt{1715}$	$\sqrt{385}$	-(9, -5)
		$-\sqrt{507}$	$\sqrt{2890}$	$\sqrt{2750}$	(8, -5)
		-71	$\sqrt{30}$	$\sqrt{8250}$	-(7, -5)
		$\sqrt{18}$	$-\sqrt{2535}$	$\sqrt{4125}$	(6, -5)
		$\sqrt{90}$	$-\sqrt{75}$	$\sqrt{33}$	-(5, -5)
		$\left(\frac{11}{2}, -\frac{7}{2}\right)\left(\frac{9}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)\left(\frac{9}{2}, \frac{1}{2}\right)$	
$m = \pm 4$		$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{9}{2}, \frac{9}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{9}{2}, \frac{7}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)\left(\frac{9}{2}, \frac{5}{2}\right)$	
(10, 4)	$\sqrt{6460}$	$\sqrt{77}$	$\sqrt{693}$	$\sqrt{1980}$	
(9, 4)	$\sqrt{3060}$	$-\sqrt{243}$	$-\sqrt{867}$	$-\sqrt{420}$	
(8, 4)	$\sqrt{44460}$	$\sqrt{9720}$	$\sqrt{7680}$	$\sqrt{2058}$	
(7, 4)	$\sqrt{6188}$	$-\sqrt{1960}$	0	$\sqrt{1134}$	
(6, 4)	$\sqrt{78540}$	$\sqrt{19845}$	$-\sqrt{12005}$	$-\sqrt{28}$	
(5, 4)	$\sqrt{780}$	-9	13	$-\sqrt{140}$	
(4, 4)	$\sqrt{715}$	$\sqrt{12}$	$-\sqrt{48}$	$\sqrt{105}$	
	D	$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{9}{2}, -\frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)\left(\frac{9}{2}, -\frac{5}{2}\right)$	

$\left(\frac{11}{2}, \frac{5}{2}\right)\left(\frac{9}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)\left(\frac{9}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{9}{2}\right)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)\left(\frac{9}{2}, -\frac{3}{2}\right)$	
$\sqrt{2310}$	$\sqrt{1155}$	$\sqrt{231}$	$\sqrt{14}$	(10, -4)
$\sqrt{90}$	$\sqrt{845}$	23	$\sqrt{66}$	-(9, -4)
-87	$\sqrt{1058}$	$\sqrt{12250}$	$\sqrt{4125}$	(8, -4)
$-\sqrt{243}$	$-\sqrt{726}$	$\sqrt{750}$	$\sqrt{1375}$	-(7, -4)
$\sqrt{11094}$	$-\sqrt{10443}$	$-\sqrt{375}$	$\sqrt{24750}$	(6, -4)
$\sqrt{30}$	$\sqrt{15}$	$-\sqrt{147}$	$\sqrt{198}$	-(5, -4)
$-\sqrt{160}$	$\sqrt{180}$	-12	$\sqrt{66}$	(4, -4)
$\left(\frac{11}{2}, -\frac{5}{2}\right)\left(\frac{9}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)\left(\frac{9}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)\left(\frac{9}{2}, \frac{3}{2}\right)$	

$m = \pm 3$	D	$\left(\frac{11}{2}, -\frac{3}{2}\right)\left(\frac{9}{2}, \frac{9}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{9}{2}, \frac{7}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{9}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)\left(\frac{9}{2}, \frac{3}{2}\right)$
(10, 3)	$\sqrt{12920}$	$\sqrt{55}$	$\sqrt{693}$	$\sqrt{2772}$	$\sqrt{4620}$
(9, 3)	$\sqrt{26520}$	$-\sqrt{945}$	$-\sqrt{5547}$	$-\sqrt{6348}$	$-\sqrt{180}$
(8, 3)	$\sqrt{11856}$	$\sqrt{1512}$	$\sqrt{3000}$	$\sqrt{30}$	$-\sqrt{2178}$
(7, 3)	$\sqrt{272272}$	$-\sqrt{68600}$	$-\sqrt{17640}$	$\sqrt{39690}$	$\sqrt{4374}$
(6, 3)	$\sqrt{10472}$	$\sqrt{3087}$	$-\sqrt{245}$	$-\sqrt{980}$	$\sqrt{1452}$
(5, 3)	$\sqrt{1560}$	$-\sqrt{315}$	$\sqrt{289}$	-6	$-\sqrt{60}$
(4, 3)	$\sqrt{5720}$	$\sqrt{420}$	$-\sqrt{972}$	$\sqrt{1083}$	$-\sqrt{605}$
(3, 3)	$\sqrt{3432}$	-6	$\sqrt{140}$	$-\sqrt{315}$	$\sqrt{525}$
	D	$\left(\frac{11}{2}, \frac{3}{2}\right)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)\left(\frac{9}{2}, -\frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)\left(\frac{9}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)\left(\frac{9}{2}, -\frac{3}{2}\right)$

$\left(\frac{11}{2}, \frac{5}{2}\right)\left(\frac{9}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{9}{2}\right)\left(\frac{9}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)\left(\frac{9}{2}, -\frac{5}{2}\right)$	
$\sqrt{3465}$	$\sqrt{1155}$	$\sqrt{154}$	$\sqrt{6}$	(10, -3)
$\sqrt{4335}$	$\sqrt{6845}$	$\sqrt{2166}$	$\sqrt{154}$	-(9, -3)
$-\sqrt{294}$	$\sqrt{1922}$	$\sqrt{2535}$	$\sqrt{385}$	(8, -3)
$-\sqrt{46818}$	$-\sqrt{150}$	$\sqrt{66125}$	$\sqrt{28875}$	-(7, -3)
-1	$-\sqrt{1587}$	$\sqrt{810}$	$\sqrt{2310}$	(6, -3)
$\sqrt{245}$	$-\sqrt{135}$	$-\sqrt{18}$	$\sqrt{462}$	-(5, -3)
$\sqrt{60}$	$\sqrt{180}$	$-\sqrt{1014}$	$\sqrt{1386}$	(4, -3)
$-\sqrt{700}$	$\sqrt{756}$	$-\sqrt{630}$	$\sqrt{330}$	-(3, -3)
$\left(\frac{11}{2}, -\frac{5}{2}\right)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)\left(\frac{9}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)\left(\frac{9}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)\left(\frac{9}{2}, \frac{5}{2}\right)$	

$m = \pm 2$	D	$\left(\frac{11}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)$
		$\left(\frac{9}{2}, \frac{9}{2}\right)$	$\left(\frac{9}{2}, \frac{7}{2}\right)$	$\left(\frac{9}{2}, \frac{5}{2}\right)$	$\left(\frac{9}{2}, \frac{3}{2}\right)$	$\left(\frac{9}{2}, \frac{1}{2}\right)$
(10, 2)	$\sqrt{41990}$	$\sqrt{55}$	$\sqrt{990}$	$\sqrt{5544}$	$\sqrt{12936}$	$\sqrt{13860}$
(9, 2)	$\sqrt{19890}$	$-\sqrt{270}$	$-\sqrt{2535}$	$-\sqrt{5376}$	$-\sqrt{1764}$	$\sqrt{840}$
(8, 2)	$\sqrt{195624}$	$\sqrt{12096}$	$\sqrt{48552}$	$\sqrt{15870}$	$-\sqrt{15750}$	$-\sqrt{2608}$
(7, 2)	$\sqrt{136136}$	$-\sqrt{21952}$	$-\sqrt{24696}$	$\sqrt{4410}$	$\sqrt{17010}$	-90
(6, 2)	$\sqrt{23562}$	$\sqrt{6174}$	$\sqrt{343}$	$-\sqrt{3920}$	$\sqrt{420}$	$\sqrt{2048}$
(5, 2)	$\sqrt{1170}$	$-\sqrt{315}$	$\sqrt{70}$	$\sqrt{32}$	$-\sqrt{168}$	$\sqrt{80}$
(4, 2)	$\sqrt{2860}$	$\sqrt{480}$	$-\sqrt{540}$	$\sqrt{189}$	1	$-\sqrt{210}$
(3, 2)	$\sqrt{10296}$	$-\sqrt{576}$	$\sqrt{1352}$	$-\sqrt{1750}$	$\sqrt{1470}$	$-\sqrt{700}$
(2, 2)	$\sqrt{1287}$	3	$-\sqrt{32}$	$\sqrt{70}$	$-\sqrt{120}$	$\sqrt{175}$
	D	$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)$
		$\left(\frac{9}{2}, -\frac{9}{2}\right)$	$\left(\frac{9}{2}, -\frac{7}{2}\right)$	$\left(\frac{9}{2}, -\frac{5}{2}\right)$	$\left(\frac{9}{2}, -\frac{3}{2}\right)$	$\left(\frac{9}{2}, -\frac{1}{2}\right)$
		$\left(\frac{11}{2}, \frac{5}{2}\right)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)\left(\frac{9}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{9}{2}\right)\left(\frac{9}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)\left(\frac{9}{2}, -\frac{7}{2}\right)$	
		$\sqrt{6930}$	$\sqrt{1540}$	$\sqrt{132}$	$\sqrt{3}$	(10, -2)
		$\sqrt{5145}$	$\sqrt{3360}$	$\sqrt{578}$	$\sqrt{22}$	-(9, -2)
		$\sqrt{5046}$	$\sqrt{48387}$	$\sqrt{21875}$	$\sqrt{1540}$	(8, -2)
		$-\sqrt{13122}$	109	$\sqrt{30345}$	$\sqrt{4620}$	-(7, -2)
		-53	$-\sqrt{288}$	$\sqrt{5250}$	$\sqrt{2310}$	(6, -2)
		$\sqrt{10}$	$-\sqrt{180}$	$\sqrt{84}$	$\sqrt{231}$	-(5, -2)
		$\sqrt{420}$	$-\sqrt{210}$	$-\sqrt{18}$	$\sqrt{792}$	(4, -2)
		$\sqrt{56}$	$\sqrt{252}$	$-\sqrt{1500}$	$\sqrt{2640}$	-(3, -2)
		$-\sqrt{224}$	$\sqrt{252}$	$-\sqrt{240}$	$\sqrt{165}$	(2, -2)
		$\left(\frac{11}{2}, -\frac{5}{2}\right)\left(\frac{9}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)\left(\frac{9}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)\left(\frac{9}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)\left(\frac{9}{2}, \frac{7}{2}\right)$	
$m = \pm 1$	D	$\left(\frac{11}{2}, -\frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)$
		$\left(\frac{9}{2}, \frac{9}{2}\right)$	$\left(\frac{9}{2}, \frac{7}{2}\right)$	$\left(\frac{9}{2}, \frac{5}{2}\right)$	$\left(\frac{9}{2}, \frac{3}{2}\right)$	$\left(\frac{9}{2}, \frac{1}{2}\right)$
(10, 1)	$\sqrt{167960}$	$\sqrt{55}$	$\sqrt{1485}$	$\sqrt{11880}$	$\sqrt{38808}$	$\sqrt{58212}$
(9, 1)	$\sqrt{875160}$	$-\sqrt{3645}$	$-\sqrt{55815}$	$-\sqrt{201720}$	$-\sqrt{172872}$	$-\sqrt{588}$
(8, 1)	$\sqrt{1956240}$	$\sqrt{46656}$	$\sqrt{355008}$	$\sqrt{378006}$	$-\sqrt{4410}$	$-\sqrt{355740}$
(7, 1)	$\sqrt{272272}$	$-\sqrt{21952}$	$-\sqrt{65856}$	$-\sqrt{2058}$	$\sqrt{43750}$	$\sqrt{420}$
(6, 1)	$\sqrt{471240}$	$\sqrt{83349}$	$\sqrt{57967}$	$-\sqrt{43904}$	$-\sqrt{13440}$	$\sqrt{67760}$
(5, 1)	$\sqrt{4680}$	$-\sqrt{1215}$	$-\sqrt{5}$	$\sqrt{640}$	$-\sqrt{384}$	-4
(4, 1)	$\sqrt{5720}$	$\sqrt{1440}$	$-\sqrt{480}$	$-\sqrt{15}$	23	$-\sqrt{726}$
(3, 1)	$\sqrt{51480}$	$-\sqrt{7776}$	$\sqrt{9248}$	-71	$\sqrt{735}$	$\sqrt{490}$
(2, 1)	$\sqrt{5148}$	$\sqrt{243}$	-23	$\sqrt{722}$	$-\sqrt{750}$	$\sqrt{605}$
(1, 1)	$\sqrt{220}$	-1	$\sqrt{3}$	$-\sqrt{6}$	$\sqrt{10}$	$-\sqrt{15}$
	D	$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)$
		$\left(\frac{9}{2}, -\frac{9}{2}\right)$	$\left(\frac{9}{2}, -\frac{7}{2}\right)$	$\left(\frac{9}{2}, -\frac{5}{2}\right)$	$\left(\frac{9}{2}, -\frac{3}{2}\right)$	$\left(\frac{9}{2}, -\frac{1}{2}\right)$

$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\left(\frac{11}{2}, \frac{9}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)$	
$\left(\frac{9}{2}, -\frac{1}{2}\right)$	$\left(\frac{9}{2}, -\frac{3}{2}\right)$	$\left(\frac{9}{2}, -\frac{5}{2}\right)$	$\left(\frac{9}{2}, -\frac{7}{2}\right)$	$\left(\frac{9}{2}, -\frac{9}{2}\right)$	
$\sqrt{41580}$	$\sqrt{13860}$	$\sqrt{1980}$	$\sqrt{99}$	1	$(10, -1)$
$\sqrt{151620}$	$\sqrt{212940}$	$\sqrt{69620}$	79	$\sqrt{99}$	$-(9, -1)$
$-\sqrt{24276}$	$\sqrt{317583}$	631	$\sqrt{74420}$	$\sqrt{1980}$	$(8, -1)$
$-\sqrt{44652}$	1	$\sqrt{60543}$	$\sqrt{31500}$	$\sqrt{1540}$	$-(7, -1)$
-52	$-\sqrt{6092}$	$\sqrt{30324}$	$\sqrt{100905}$	$\sqrt{10395}$	$(6, -1)$
$\sqrt{560}$	$-\sqrt{420}$	$-\sqrt{60}$	$\sqrt{1083}$	$\sqrt{297}$	$-(5, -1)$
$\sqrt{210}$	$\sqrt{70}$	$-\sqrt{810}$	$\sqrt{648}$	$\sqrt{792}$	$(4, -1)$
$-\sqrt{4046}$	$\sqrt{7098}$	$-\sqrt{5046}$	$\sqrt{120}$	$\sqrt{11880}$	$-(3, -1)$
$-\sqrt{343}$	$\sqrt{84}$	$\sqrt{12}$	$-\sqrt{375}$	$\sqrt{1485}$	$(2, -1)$
$\sqrt{21}$	$-\sqrt{28}$	6	$-\sqrt{45}$	$\sqrt{55}$	$-(1, -1)$
$\left(\frac{11}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)$	
$\left(\frac{9}{2}, \frac{1}{2}\right)$	$\left(\frac{9}{2}, \frac{3}{2}\right)$	$\left(\frac{9}{2}, \frac{5}{2}\right)$	$\left(\frac{9}{2}, \frac{7}{2}\right)$	$\left(\frac{9}{2}, \frac{9}{2}\right)$	
$m=0$	D	$\left(\frac{11}{2}, -\frac{9}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)$
		$\left(\frac{9}{2}, \frac{9}{2}\right)$	$\left(\frac{9}{2}, \frac{7}{2}\right)$	$\left(\frac{9}{2}, \frac{5}{2}\right)$	$\left(\frac{9}{2}, \frac{3}{2}\right)$
				$\left(\frac{11}{2}, -\frac{1}{2}\right)$	$\left(\frac{9}{2}, \frac{1}{2}\right)$
(10, 0)	$\sqrt{16796}$	1	$\sqrt{45}$	$\sqrt{540}$	$\sqrt{2520}$
(9, 0)	$\sqrt{9724}$	-3	$-\sqrt{245}$	$-\sqrt{1500}$	$-\sqrt{2520}$
(8, 0)	$\sqrt{27170}$	$\sqrt{180}$	$\sqrt{2704}$	$\sqrt{6627}$	$\sqrt{1134}$
(7, 0)	$\sqrt{4862}$	$-\sqrt{140}$	$-\sqrt{1008}$	$-\sqrt{525}$	$\sqrt{338}$
(6, 0)	$\sqrt{11220}$	$\sqrt{945}$	$\sqrt{2541}$	$-\sqrt{28}$	$-\sqrt{1536}$
(5, 0)	$\sqrt{156}$	$-\sqrt{27}$	$-\sqrt{15}$	$\sqrt{20}$	0
(4, 0)	$\sqrt{286}$	$\sqrt{72}$	0	$-\sqrt{30}$	$\sqrt{35}$
(3, 0)	$\sqrt{4290}$	$-\sqrt{1080}$	$\sqrt{384}$	$-\sqrt{2}$	$-\sqrt{189}$
(2, 0)	$\sqrt{858}$	$\sqrt{135}$	$-\sqrt{147}$	10	$-\sqrt{42}$
(1, 0)	$\sqrt{110}$	$-\sqrt{5}$	3	$-\sqrt{12}$	$\sqrt{14}$
$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\left(\frac{11}{2}, \frac{9}{2}\right)$	
$\left(\frac{9}{2}, -\frac{1}{2}\right)$	$\left(\frac{9}{2}, -\frac{3}{2}\right)$	$\left(\frac{9}{2}, -\frac{5}{2}\right)$	$\left(\frac{9}{2}, -\frac{7}{2}\right)$	$\left(\frac{9}{2}, -\frac{9}{2}\right)$	
$\sqrt{5292}$	$\sqrt{2520}$	$\sqrt{540}$	$\sqrt{45}$	1	
$\sqrt{588}$	$\sqrt{2520}$	$\sqrt{1500}$	$\sqrt{245}$	3	
$-\sqrt{2940}$	$\sqrt{1134}$	$\sqrt{6627}$	$\sqrt{2704}$	$\sqrt{180}$	
$-\sqrt{420}$	$-\sqrt{338}$	$\sqrt{525}$	$\sqrt{1008}$	$\sqrt{140}$	
$\sqrt{560}$	$-\sqrt{1536}$	$-\sqrt{28}$	$\sqrt{2541}$	$\sqrt{945}$	
4	0	$-\sqrt{20}$	$\sqrt{15}$	$\sqrt{27}$	
$-\sqrt{6}$	$\sqrt{35}$	$-\sqrt{30}$	0	$\sqrt{72}$	
$-\sqrt{490}$	$\sqrt{189}$	$\sqrt{2}$	$-\sqrt{384}$	$\sqrt{1080}$	
$\sqrt{5}$	$-\sqrt{42}$	10	$-\sqrt{147}$	$\sqrt{135}$	
$\sqrt{15}$	$-\sqrt{14}$	$\sqrt{12}$	-3	$\sqrt{5}$	

$j' = 9/2$	$j = 6$			
$m = \pm \frac{19}{2}$	D	$(6, 5)\left(\frac{9}{2}, \frac{9}{2}\right)$	$(6, 6)\left(\frac{9}{2}, \frac{7}{2}\right)$	
$\left(\frac{21}{2}, \frac{19}{2}\right)$	$\sqrt{7}$	2	$\sqrt{3}$	$\left(\frac{21}{2}, -\frac{19}{2}\right)$
$\left(\frac{19}{2}, \frac{19}{2}\right)$	$\sqrt{7}$	$-\sqrt{3}$	2	$-\left(\frac{19}{2}, -\frac{19}{2}\right)$
	D	$(6, -5)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$(6, -6)\left(\frac{9}{2}, -\frac{7}{2}\right)$	
$m = \pm \frac{17}{2}$	D	$(6, 4)\left(\frac{9}{2}, \frac{9}{2}\right)$	$(6, 5)\left(\frac{9}{2}, \frac{7}{2}\right)$	$(6, 6)\left(\frac{9}{2}, \frac{5}{2}\right)$
$\left(\frac{21}{2}, \frac{17}{2}\right)$	$\sqrt{35}$	$\sqrt{11}$	$\sqrt{18}$	$\sqrt{6}$
$\left(\frac{19}{2}, \frac{17}{2}\right)$	$\sqrt{133}$	$-\sqrt{66}$	$\sqrt{3}$	8
$\left(\frac{17}{2}, \frac{17}{2}\right)$	$\sqrt{95}$	$\sqrt{18}$	$-\sqrt{44}$	$\sqrt{33}$
	D	$(6, -4)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$(6, -5)\left(\frac{9}{2}, -\frac{7}{2}\right)$	$(6, -6)\left(\frac{9}{2}, -\frac{5}{2}\right)$
$m = \pm \frac{15}{2}$	D	$(6, 3)\left(\frac{9}{2}, \frac{9}{2}\right)$	$(6, 4)\left(\frac{9}{2}, \frac{7}{2}\right)$	
$\left(\frac{21}{2}, \frac{15}{2}\right)$	$\sqrt{665}$	$\sqrt{110}$	$\sqrt{297}$	
$\left(\frac{19}{2}, \frac{15}{2}\right)$	$\sqrt{399}$	$-\sqrt{165}$	$-\sqrt{22}$	
$\left(\frac{17}{2}, \frac{15}{2}\right)$	$\sqrt{1615}$	$\sqrt{540}$	$-\sqrt{338}$	
$\left(\frac{15}{2}, \frac{15}{2}\right)$	$\sqrt{969}$	$-\sqrt{84}$	$\sqrt{280}$	
	D	$(6, -3)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$(6, -4)\left(\frac{9}{2}, -\frac{7}{2}\right)$	
		$(6, 5)\left(\frac{9}{2}, \frac{5}{2}\right)$	$(6, 6)\left(\frac{9}{2}, \frac{3}{2}\right)$	
		$\sqrt{216}$	$\sqrt{42}$	$\left(\frac{21}{2}, -\frac{15}{2}\right)$
		10	$\sqrt{112}$	$-\left(\frac{19}{2}, -\frac{15}{2}\right)$
		$-\sqrt{44}$	$\sqrt{693}$	$\left(\frac{17}{2}, -\frac{15}{2}\right)$
		$-\sqrt{385}$	$\sqrt{220}$	$-\left(\frac{15}{2}, -\frac{15}{2}\right)$
		$(6, -5)\left(\frac{9}{2}, -\frac{5}{2}\right)$	$(6, -6)\left(\frac{9}{2}, -\frac{3}{2}\right)$	

$m = \pm \frac{13}{2}$	D	$(6, 2)\left(\frac{9}{2}, \frac{9}{2}\right)$	$(6, 3)\left(\frac{9}{2}, \frac{7}{2}\right)$	
$\left(\frac{21}{2}, \frac{13}{2}\right)$	$\sqrt{665}$	$\sqrt{55}$	$\sqrt{220}$	
$\left(\frac{19}{2}, \frac{13}{2}\right)$	$\sqrt{6783}$	$-\sqrt{1980}$	$-\sqrt{1375}$	
$\left(\frac{17}{2}, \frac{13}{2}\right)$	$\sqrt{6460}$	$\sqrt{2430}$	$-\sqrt{120}$	
$\left(\frac{15}{2}, \frac{13}{2}\right)$	$\sqrt{4845}$	$-\sqrt{1008}$	$\sqrt{1372}$	
$\left(\frac{13}{2}, \frac{13}{2}\right)$	$\sqrt{340}$	$\sqrt{14}$	$-\sqrt{56}$	
		$(6, -2)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$(6, -3)\left(\frac{9}{2}, -\frac{7}{2}\right)$	
$m = \pm \frac{11}{2}$	D	$(6, 4)\left(\frac{9}{2}, \frac{5}{2}\right)$	$(6, 5)\left(\frac{9}{2}, \frac{3}{2}\right)$	$(6, 6)\left(\frac{9}{2}, \frac{1}{2}\right)$
$\left(\frac{21}{2}, \frac{11}{2}\right)$	$\sqrt{264}$	$\sqrt{112}$	$\sqrt{14}$	$\left(\frac{21}{2}, -\frac{13}{2}\right)$
$\left(\frac{19}{2}, \frac{11}{2}\right)$	$\sqrt{264}$	$\sqrt{2268}$	$\sqrt{896}$	$\left(\frac{19}{2}, -\frac{13}{2}\right)$
$\left(\frac{17}{2}, \frac{11}{2}\right)$	$-\sqrt{1369}$	$\sqrt{462}$	$\sqrt{2079}$	$\left(\frac{17}{2}, -\frac{13}{2}\right)$
$\left(\frac{15}{2}, \frac{11}{2}\right)$	$-\sqrt{210}$	$-\sqrt{495}$	$\sqrt{1760}$	$\left(\frac{15}{2}, -\frac{13}{2}\right)$
$\left(\frac{13}{2}, \frac{11}{2}\right)$	$\sqrt{105}$	$-\sqrt{110}$	$\sqrt{55}$	$\left(\frac{13}{2}, -\frac{13}{2}\right)$
		$(6, -4)\left(\frac{9}{2}, -\frac{5}{2}\right)$	$(6, -5)\left(\frac{9}{2}, -\frac{3}{2}\right)$	$(6, -6)\left(\frac{9}{2}, -\frac{1}{2}\right)$

$(6, 4)\left(\frac{9}{2}, \frac{3}{2}\right)$	$(6, 5)\left(\frac{9}{2}, \frac{1}{2}\right)$	$(6, 6)\left(\frac{9}{2}, -\frac{1}{2}\right)$	
$\sqrt{616}$	$\sqrt{168}$	$\sqrt{14}$	$\left(\frac{21}{2}, -\frac{11}{2}\right)$
$\sqrt{2772}$	$\sqrt{3549}$	$\sqrt{700}$	$-\left(\frac{19}{2}, -\frac{11}{2}\right)$
$-\sqrt{21}$	$\sqrt{308}$	$\sqrt{231}$	$\left(\frac{17}{2}, -\frac{11}{2}\right)$
$-\sqrt{7290}$	$\sqrt{330}$	$\sqrt{11000}$	$-\left(\frac{15}{2}, -\frac{11}{2}\right)$
$-\sqrt{15}$	$-\sqrt{1980}$	$\sqrt{4125}$	$\left(\frac{13}{2}, -\frac{11}{2}\right)$
30	$-\sqrt{825}$	$\sqrt{396}$	$-\left(\frac{11}{2}, -\frac{11}{2}\right)$
$(6, -4)\left(\frac{9}{2}, -\frac{3}{2}\right)$	$(6, -5)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$(6, -6)\left(\frac{9}{2}, \frac{1}{2}\right)$	

$m = \pm \frac{9}{2}$	D	$(6, 0)\left(\frac{9}{2}, \frac{9}{2}\right)$	$(6, 1)\left(\frac{9}{2}, \frac{7}{2}\right)$	$(6, 2)\left(\frac{9}{2}, \frac{5}{2}\right)$	
$\left(\frac{21}{2}, \frac{9}{2}\right)$	$\sqrt{9044}$	$\sqrt{154}$	$\sqrt{1188}$	$\sqrt{2970}$	
$\left(\frac{19}{2}, \frac{9}{2}\right)$	$\sqrt{13566}$	$-\sqrt{1386}$	$-\sqrt{3993}$	$-\sqrt{1320}$	
$\left(\frac{17}{2}, \frac{9}{2}\right)$	$\sqrt{1292}$	$\sqrt{324}$	$\sqrt{168}$	$-\sqrt{105}$	
$\left(\frac{15}{2}, \frac{9}{2}\right)$	$\sqrt{440895}$	$-\sqrt{141120}$	$\sqrt{3360}$	$\sqrt{70644}$	
$\left(\frac{13}{2}, \frac{9}{2}\right)$	$\sqrt{4420}$	$\sqrt{980}$	$-\sqrt{840}$	$\sqrt{24}$	
$\left(\frac{11}{2}, \frac{9}{2}\right)$	$\sqrt{34034}$	$-\sqrt{2646}$	$\sqrt{6727}$	$-\sqrt{7000}$	
$\left(\frac{9}{2}, \frac{9}{2}\right)$	$\sqrt{286}$	$\sqrt{3}$	$-\sqrt{14}$	$\sqrt{35}$	
	D	$(6, 0)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$(6, -1)\left(\frac{9}{2}, -\frac{7}{2}\right)$	$(6, -2)\left(\frac{9}{2}, -\frac{5}{2}\right)$	

$(6, 3)\left(\frac{9}{2}, \frac{3}{2}\right)$	$(6, 4)\left(\frac{9}{2}, \frac{1}{2}\right)$	$(6, 5)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$(6, 6)\left(\frac{9}{2}, -\frac{3}{2}\right)$	
$\sqrt{3080}$	$\sqrt{1386}$	$\sqrt{252}$	$\sqrt{14}$	$\left(\frac{21}{2}, -\frac{9}{2}\right)$
$\sqrt{770}$	$\sqrt{3850}$	$\sqrt{2023}$	$\sqrt{224}$	$-\left(\frac{19}{2}, -\frac{9}{2}\right)$
$-\sqrt{180}$	8	$\sqrt{352}$	$\sqrt{99}$	$\left(\frac{17}{2}, -\frac{9}{2}\right)$
-171	$-\sqrt{36980}$	$\sqrt{68750}$	$\sqrt{88000}$	$-\left(\frac{15}{2}, -\frac{9}{2}\right)$
22	$-\sqrt{720}$	0	$\sqrt{1375}$	$\left(\frac{13}{2}, -\frac{9}{2}\right)$
$\sqrt{2430}$	$\sqrt{150}$	$-\sqrt{5577}$	$\sqrt{9504}$	$-\left(\frac{11}{2}, -\frac{9}{2}\right)$
$-\sqrt{60}$	$\sqrt{75}$	$-\sqrt{66}$	$\sqrt{33}$	$\left(\frac{9}{2}, -\frac{9}{2}\right)$
$(6, -3)\left(\frac{9}{2}, -\frac{3}{2}\right)$	$(6, -4)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$(6, -5)\left(\frac{9}{2}, \frac{1}{2}\right)$	$(6, -6)\left(\frac{9}{2}, \frac{3}{2}\right)$	

$m = \pm \frac{7}{2}$	D	$(6, -1)\left(\frac{9}{2}, \frac{9}{2}\right)$	$(6, 0)\left(\frac{9}{2}, \frac{7}{2}\right)$	$(6, 1)\left(\frac{9}{2}, \frac{5}{2}\right)$	$(6, 2)\left(\frac{9}{2}, \frac{3}{2}\right)$
$\left(\frac{21}{2}, \frac{7}{2}\right)$	$\sqrt{3230}$	$\sqrt{22}$	$\sqrt{231}$	$\sqrt{792}$	$\sqrt{1155}$
$\left(\frac{19}{2}, \frac{7}{2}\right)$	$\sqrt{1938}$	$-\sqrt{99}$	$-\sqrt{462}$	$-\sqrt{396}$	0
$\left(\frac{17}{2}, \frac{7}{2}\right)$	$\sqrt{83980}$	$\sqrt{13608}$	$\sqrt{19044}$	$-\sqrt{168}$	$-\sqrt{16245}$
$\left(\frac{15}{2}, \frac{7}{2}\right)$	$\sqrt{440895}$	$-\sqrt{123480}$	$-\sqrt{11760}$	$\sqrt{76230}$	$\sqrt{432}$
$\left(\frac{13}{2}, \frac{7}{2}\right)$	$\sqrt{48620}$	$\sqrt{13720}$	$-\sqrt{2940}$	$-\sqrt{2520}$	$\sqrt{7803}$
$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\sqrt{170170}$	$-\sqrt{27783}$	$\sqrt{35574}$	$-\sqrt{10108}$	$-\sqrt{1920}$
$\left(\frac{9}{2}, \frac{7}{2}\right)$	$\sqrt{858}$	$\sqrt{42}$	-11	$\sqrt{168}$	$-\sqrt{125}$
$\left(\frac{7}{2}, \frac{7}{2}\right)$	$\sqrt{2145}$	$-\sqrt{12}$	$\sqrt{56}$	$-\sqrt{147}$	$\sqrt{280}$
	D	$(6, 1)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$(6, 0)\left(\frac{9}{2}, -\frac{7}{2}\right)$	$(6, -1)\left(\frac{9}{2}, -\frac{5}{2}\right)$	$(6, -2)\left(\frac{9}{2}, -\frac{3}{2}\right)$
		$(6, 3)\left(\frac{9}{2}, \frac{1}{2}\right)$	$(6, 4)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$(6, 5)\left(\frac{9}{2}, -\frac{3}{2}\right)$	$(6, 6)\left(\frac{9}{2}, -\frac{5}{2}\right)$
		$\sqrt{770}$	$\sqrt{231}$	$\sqrt{28}$	1
		$\sqrt{385}$	$\sqrt{462}$	$\sqrt{126}$	$\sqrt{8}$
		$-\sqrt{480}$	$\sqrt{16384}$	$\sqrt{15972}$	$\sqrt{2079}$
		$-\sqrt{77618}$	$\sqrt{1500}$	$\sqrt{111375}$	$\sqrt{38500}$
		$-\sqrt{512}$	$-\sqrt{6000}$	$\sqrt{5500}$	$\sqrt{9625}$
		$\sqrt{23805}$	$-\sqrt{20886}$	$-\sqrt{198}$	$\sqrt{49896}$
		$\sqrt{30}$	3	$-\sqrt{132}$	$\sqrt{231}$
		$-\sqrt{420}$	$\sqrt{504}$	$-\sqrt{462}$	$\sqrt{264}$
		$(6, -3)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$(6, -4)\left(\frac{9}{2}, \frac{1}{2}\right)$	$(6, -5)\left(\frac{9}{2}, \frac{3}{2}\right)$	$(6, -6)\left(\frac{9}{2}, \frac{5}{2}\right)$

$m = \pm \frac{5}{2}$	D	$(6, -2)\left(\frac{9}{2}, \frac{9}{2}\right)$	$(6, -1)\left(\frac{9}{2}, \frac{7}{2}\right)$	$(6, 0)\left(\frac{9}{2}, \frac{5}{2}\right)$	$(6, 1)\left(\frac{9}{2}, \frac{3}{2}\right)$
$\left(\frac{12}{2}, \frac{5}{2}\right)$	$\sqrt{22610}$	$\sqrt{55}$	$\sqrt{792}$	$\sqrt{3696}$	$\sqrt{7392}$
$\left(\frac{19}{2}, \frac{5}{2}\right)$	$\sqrt{176358}$	$-\sqrt{3960}$	$-\sqrt{28611}$	$-\sqrt{46200}$	$-\sqrt{8316}$
$\left(\frac{17}{2}, \frac{5}{2}\right)$	$\sqrt{83980}$	$\sqrt{7560}$	$\sqrt{21504}$	$\sqrt{3042}$	$-\sqrt{10404}$
$\left(\frac{15}{2}, \frac{5}{2}\right)$	$\sqrt{969969}$	$-\sqrt{197568}$	$-\sqrt{123480}$	$\sqrt{73500}$	$\sqrt{78030}$
$\left(\frac{13}{2}, \frac{5}{2}\right)$	$\sqrt{9724}$	$\sqrt{2744}$	0	$-\sqrt{1470}$	$\sqrt{540}$
$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\sqrt{510510}$	$-\sqrt{123480}$	$\sqrt{57967}$	$\sqrt{1176}$	$-\sqrt{60492}$
$\left(\frac{9}{2}, \frac{5}{2}\right)$	$\sqrt{858}$	$\sqrt{105}$	$-\sqrt{168}$	10	$-\sqrt{8}$
$\left(\frac{7}{2}, \frac{5}{2}\right)$	$\sqrt{15015}$	$-\sqrt{480}$	$\sqrt{1452}$	$-\sqrt{2366}$	$\sqrt{2527}$
$\left(\frac{5}{2}, \frac{5}{2}\right)$	$\sqrt{3003}$	3	$-\sqrt{40}$	$\sqrt{105}$	$-\sqrt{210}$
	D	$(6, 2)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$(6, 1)\left(\frac{9}{2}, -\frac{7}{2}\right)$	$(6, 0)\left(\frac{9}{2}, -\frac{5}{2}\right)$	$(6, -1)\left(\frac{9}{2}, -\frac{3}{2}\right)$
		$(6, 2)\left(\frac{9}{2}, \frac{1}{2}\right)$	$(6, 3)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$(6, 4)\left(\frac{9}{2}, -\frac{3}{2}\right)$	$(6, 5)\left(\frac{9}{2}, -\frac{5}{2}\right)$
		$\sqrt{6930}$	$\sqrt{3080}$	$\sqrt{616}$	$\sqrt{48}$
		$\sqrt{13860}$	$\sqrt{46585}$	$\sqrt{24948}$	$\sqrt{3750}$
		$-\sqrt{7935}$	$\sqrt{4860}$	$\sqrt{20667}$	$\sqrt{7546}$
		$-\sqrt{98568}$	$-\sqrt{55778}$	$\sqrt{123210}$	$\sqrt{195195}$
		21	-38	$-\sqrt{5}$	$\sqrt{2310}$
		$\sqrt{56180}$	$-\sqrt{45}$	$-\sqrt{66564}$	$\sqrt{55902}$
		$-\sqrt{30}$	$\sqrt{120}$	$-\sqrt{96}$	0
		$-\sqrt{1680}$	$\sqrt{420}$	$\sqrt{84}$	$-\sqrt{1782}$
		$\sqrt{350}$	$-\sqrt{504}$	$\sqrt{630}$	$-\sqrt{660}$
					$\sqrt{495}$
		$(6, -2)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$(6, -3)\left(\frac{9}{2}, \frac{1}{2}\right)$	$(6, -4)\left(\frac{9}{2}, \frac{3}{2}\right)$	$(6, -5)\left(\frac{9}{2}, \frac{5}{2}\right)$
		$(6, -6)\left(\frac{9}{2}, \frac{7}{2}\right)$			

$m = \pm \frac{3}{2}$	D	$(6, -3)\left(\frac{9}{2}, \frac{9}{2}\right)$	$(6, -2)\left(\frac{9}{2}, \frac{7}{2}\right)$	$(6, -1)\left(\frac{9}{2}, \frac{5}{2}\right)$	$(6, 0)\left(\frac{9}{2}, \frac{3}{2}\right)$	$(6, 1)\left(\frac{9}{2}, \frac{1}{2}\right)$
$\left(\frac{21}{2}, \frac{3}{2}\right)$	$\sqrt{293930}$	$\sqrt{220}$	$\sqrt{4455}$	$\sqrt{28512}$	$\sqrt{77616}$	$\sqrt{99792}$
$\left(\frac{19}{2}, \frac{3}{2}\right)$	$\sqrt{176358}$	$-\sqrt{1485}$	$-\sqrt{16500}$	$-\sqrt{44616}$	$-\sqrt{25872}$	$\sqrt{924}$
$\left(\frac{17}{2}, \frac{3}{2}\right)$	$\sqrt{923780}$	$\sqrt{38880}$	$\sqrt{201720}$	$\sqrt{127308}$	$-\sqrt{23814}$	$-\sqrt{161448}$
$\left(\frac{15}{2}, \frac{3}{2}\right)$	$\sqrt{4849845}$	$-\sqrt{592704}$	$-\sqrt{1053696}$	$\sqrt{10290}$	$\sqrt{776580}$	$-\sqrt{31740}$
$\left(\frac{13}{2}, \frac{3}{2}\right)$	$\sqrt{48620}$	$\sqrt{10976}$	$\sqrt{2744}$	$-\sqrt{6860}$	$-\sqrt{70}$	$\sqrt{6760}$
$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\sqrt{510510}$	$-\sqrt{138915}$	$\sqrt{6860}$	$\sqrt{43904}$	$-\sqrt{64512}$	52
$\left(\frac{9}{2}, \frac{3}{2}\right)$	$\sqrt{858}$	$\sqrt{180}$	$-\sqrt{125}$	$\sqrt{8}$	6	$-\sqrt{112}$
$\left(\frac{7}{2}, \frac{3}{2}\right)$	$\sqrt{15015}$	$-\sqrt{1440}$	$\sqrt{2560}$	-47	$\sqrt{882}$	$-\sqrt{14}$
$\left(\frac{5}{2}, \frac{3}{2}\right)$	$\sqrt{15015}$	18	-31	$\sqrt{1690}$	$-\sqrt{2205}$	$\sqrt{2240}$
$\left(\frac{3}{2}, \frac{3}{2}\right)$	$\sqrt{715}$	-1	2	$-\sqrt{10}$	$\sqrt{20}$	$-\sqrt{35}$
	D	$(6, 3)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$(6, 2)\left(\frac{9}{2}, -\frac{7}{2}\right)$	$(6, 1)\left(\frac{9}{2}, -\frac{5}{2}\right)$	$(6, 0)\left(\frac{9}{2}, -\frac{3}{2}\right)$	$(6, -1)\left(\frac{9}{2}, -\frac{1}{2}\right)$
		$(6, 2)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$(6, 3)\left(\frac{9}{2}, -\frac{3}{2}\right)$	$(6, 4)\left(\frac{9}{2}, -\frac{5}{2}\right)$	$(6, 5)\left(\frac{9}{2}, -\frac{7}{2}\right)$	$(6, 6)\left(\frac{9}{2}, -\frac{9}{2}\right)$
	$\sqrt{62370}$	$\sqrt{18480}$	$\sqrt{2376}$	$\sqrt{108}$	1	$\left(\frac{21}{2}, \frac{3}{2}\right)$
	$\sqrt{36960}$	$\sqrt{38500}$	$\sqrt{10648}$	29	$\sqrt{12}$	$-\left(\frac{19}{2}, \frac{3}{2}\right)$
	$-\sqrt{105}$	$\sqrt{182070}$	403	$\sqrt{25432}$	$\sqrt{594}$	$\left(\frac{17}{2}, \frac{3}{2}\right)$
	$-\sqrt{743424}$	221	$\sqrt{1129030}$	$\sqrt{445060}$	$\sqrt{18480}$	$-\left(\frac{15}{2}, \frac{3}{2}\right)$
	-41	$-\sqrt{4374}$	$\sqrt{5145}$	$\sqrt{9240}$	$\sqrt{770}$	$\left(\frac{13}{2}, \frac{3}{2}\right)$
	$\sqrt{40960}$	$-\sqrt{65340}$	$-\sqrt{168}$	$\sqrt{122199}$	$\sqrt{24948}$	$-\left(\frac{11}{2}, \frac{3}{2}\right)$
	$\sqrt{70}$	0	$-\sqrt{96}$	$\sqrt{132}$	$\sqrt{99}$	$\left(\frac{9}{2}, \frac{3}{2}\right)$
	$-\sqrt{560}$	$\sqrt{1890}$	$-\sqrt{2028}$	$\sqrt{264}$	$\sqrt{3168}$	$-\left(\frac{7}{2}, \frac{3}{2}\right)$
	$-\sqrt{1694}$	$\sqrt{756}$	$-\sqrt{30}$	$-\sqrt{660}$	$\sqrt{4455}$	$\left(\frac{5}{2}, \frac{3}{2}\right)$
	$\sqrt{56}$	$-\sqrt{84}$	$\sqrt{120}$	$-\sqrt{165}$	$\sqrt{220}$	$-\left(\frac{3}{2}, \frac{3}{2}\right)$
		$(6, -2)\left(\frac{9}{2}, \frac{1}{2}\right)$	$(6, -3)\left(\frac{9}{2}, \frac{3}{2}\right)$	$(6, -4)\left(\frac{9}{2}, \frac{5}{2}\right)$	$(6, -5)\left(\frac{9}{2}, \frac{7}{2}\right)$	$(6, -6)\left(\frac{9}{2}, \frac{9}{2}\right)$

$$m = \pm \frac{1}{2}$$

	D	$(6, -4)\left(\frac{9}{2}, \frac{9}{2}\right)$	$(6, -3)\left(\frac{9}{2}, \frac{7}{2}\right)$	$(6, -2)\left(\frac{9}{2}, \frac{5}{2}\right)$	$(6, -1)\left(\frac{9}{2}, \frac{3}{2}\right)$	$(6, 0)\left(\frac{9}{2}, \frac{1}{2}\right)$
$\left(\frac{21}{2}, \frac{1}{2}\right)$	$\sqrt{58786}$	$\sqrt{11}$	$\sqrt{330}$	$\sqrt{2970}$	$\sqrt{11088}$	$\sqrt{19404}$
$\left(\frac{19}{2}, \frac{1}{2}\right)$	$\sqrt{58786}$	$-\sqrt{150}$	$-\sqrt{2645}$	$-\sqrt{11520}$	$-\sqrt{13608}$	$-\sqrt{1176}$
$\left(\frac{17}{2}, \frac{1}{2}\right)$	$\sqrt{92378}$	$\sqrt{1458}$	$\sqrt{13500}$	$\sqrt{20535}$	$\sqrt{504}$	$-\sqrt{14112}$
$\left(\frac{15}{2}, \frac{1}{2}\right)$	$\sqrt{230945}$	$-\sqrt{13440}$	$-\sqrt{54208}$	$-\sqrt{9072}$	$\sqrt{28830}$	$\sqrt{7560}$
$\left(\frac{13}{2}, \frac{1}{2}\right)$	$\sqrt{24310}$	$\sqrt{3430}$	$\sqrt{4116}$	$-\sqrt{1029}$	$-\sqrt{1960}$	$\sqrt{2520}$
$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\sqrt{14586}$	$-\sqrt{3402}$	$-\sqrt{315}$	$\sqrt{2240}$	$-\sqrt{384}$	$-\sqrt{672}$
$\left(\frac{9}{2}, \frac{1}{2}\right)$	$\sqrt{858}$	15	$-\sqrt{30}$	$-\sqrt{30}$	$\sqrt{112}$	-8
$\left(\frac{7}{2}, \frac{1}{2}\right)$	$\sqrt{3003}$	$-\sqrt{576}$	$\sqrt{480}$	$-\sqrt{120}$	$-\sqrt{7}$	14
$\left(\frac{5}{2}, \frac{1}{2}\right)$	$\sqrt{15015}$	$\sqrt{1215}$	$-\sqrt{2178}$	$\sqrt{2312}$	$-\sqrt{1680}$	$\sqrt{735}$
$\left(\frac{3}{2}, \frac{1}{2}\right)$	$\sqrt{715}$	$-\sqrt{10}$	$\sqrt{27}$	$-\sqrt{48}$	$\sqrt{70}$	$-\sqrt{90}$
	D	$(6, 4)\left(\frac{9}{2}, -\frac{9}{2}\right)$	$(6, 3)\left(\frac{9}{2}, -\frac{7}{2}\right)$	$(6, 2)\left(\frac{9}{2}, -\frac{5}{2}\right)$	$(6, 1)\left(\frac{9}{2}, -\frac{3}{2}\right)$	$(6, 0)\left(\frac{9}{2}, -\frac{1}{2}\right)$
$(6, 1)\left(\frac{9}{2}, -\frac{1}{2}\right)$	$(6, 2)\left(\frac{9}{2}, -\frac{3}{2}\right)$	$(6, 3)\left(\frac{9}{2}, -\frac{5}{2}\right)$	$(6, 4)\left(\frac{9}{2}, -\frac{7}{2}\right)$	$(6, 5)\left(\frac{9}{2}, -\frac{9}{2}\right)$		
$\sqrt{16632}$	$\sqrt{6930}$	$\sqrt{1320}$	$\sqrt{99}$	$\sqrt{2}$	$\left(\frac{21}{2}, -\frac{1}{2}\right)$	
$\sqrt{6300}$	$\sqrt{15120}$	$\sqrt{7220}$	$\sqrt{1014}$	$\sqrt{33}$	$-\left(\frac{19}{2}, -\frac{1}{2}\right)$	
$-\sqrt{5376}$	$\sqrt{7875}$	$\sqrt{21660}$	$\sqrt{6962}$	$\sqrt{396}$	$\left(\frac{17}{2}, -\frac{1}{2}\right)$	
$-\sqrt{30420}$	$-\sqrt{6348}$	$\sqrt{35287}$	$\sqrt{41160}$	$\sqrt{4620}$	$-\left(\frac{15}{2}, -\frac{1}{2}\right)$	
$\sqrt{240}$	-61	$\sqrt{84}$	$\sqrt{5670}$	$\sqrt{1540}$	$\left(\frac{13}{2}, -\frac{1}{2}\right)$	
44	$-\sqrt{240}$	$-\sqrt{1260}$	$\sqrt{2058}$	$\sqrt{2079}$	$-\left(\frac{11}{2}, -\frac{1}{2}\right)$	
0	$\sqrt{70}$	$-\sqrt{120}$	3	$\sqrt{198}$	$\left(\frac{9}{2}, -\frac{1}{2}\right)$	
$-\sqrt{378}$	$\sqrt{280}$	$-\sqrt{30}$	-12	$\sqrt{792}$	$-\left(\frac{7}{2}, -\frac{1}{2}\right)$	
$-\sqrt{70}$	$-\sqrt{168}$	$\sqrt{1152}$	$-\sqrt{2535}$	$\sqrt{2970}$	$\left(\frac{5}{2}, -\frac{1}{2}\right)$	
$\sqrt{105}$	$-\sqrt{112}$	$\sqrt{108}$	$-\sqrt{90}$	$\sqrt{55}$	$-\left(\frac{3}{2}, -\frac{1}{2}\right)$	
	$(6, -1)\left(\frac{9}{2}, \frac{1}{2}\right)$	$(6, -2)\left(\frac{9}{2}, \frac{3}{2}\right)$	$(6, -3)\left(\frac{9}{2}, \frac{5}{2}\right)$	$(6, -4)\left(\frac{9}{2}, \frac{7}{2}\right)$	$(6, -5)\left(\frac{9}{2}, \frac{9}{2}\right)$	

$j' = 5$	$j = 5$				
$m = \pm 9$					
	D	(5, 4) (5, 5)	(5, 5) (5, 4)		
(10, 9)	$\sqrt{2}$	1	1		(10, -9)
(9, 9)	$\sqrt{2}$	-1	1		-(9, -9)
	D	(5, -4) (5, -5)	(5, -5) (5, -4)		
$m = \pm 8$					
	D	(5, 3) (5, 5)	(5, 4) (5, 4)	(5, 5) (5, 3)	
(10, 8)	$\sqrt{38}$	3	$\sqrt{20}$	3	(10, -8)
(9, 8)	$\sqrt{2}$	-1	0	1	-(9, -8)
(8, 8)	$\sqrt{19}$	$\sqrt{5}$	-3	$\sqrt{5}$	(8, -8)
	D	(5, -3) (5, -5)	(5, -4) (5, -4)	(5, -5) (5, -3)	
$m = \pm 7$					
	D	(5, 2) (5, 5)	(5, 3) (5, 4)	(5, 4) (5, 3)	(5, 5) (5, 2)
(10, 7)	$\sqrt{38}$	2	$\sqrt{15}$	$\sqrt{15}$	2
(9, 7)	$\sqrt{34}$	$-\sqrt{12}$	$-\sqrt{5}$	$\sqrt{5}$	$\sqrt{12}$
(8, 7)	$\sqrt{38}$	$\sqrt{15}$	-2	-2	$\sqrt{15}$
(7, 7)	$\sqrt{34}$	$-\sqrt{5}$	$\sqrt{12}$	$-\sqrt{12}$	$\sqrt{5}$
	D	(5, -2) (5, -5)	(5, -3) (5, -4)	(5, -4) (5, -3)	(5, -5) (5, -2)
$m = \pm 6$					
	D	(5, 1) (5, 5)	(5, 2) (5, 4)	(5, 3) (5, 3)	
(10, 6)	$\sqrt{323}$	$\sqrt{14}$	$\sqrt{80}$	$\sqrt{135}$	
(9, 6)	$\sqrt{34}$	$-\sqrt{7}$	$-\sqrt{10}$	0	
(8, 6)	$\sqrt{190}$	$\sqrt{70}$	1	$-\sqrt{48}$	
(7, 6)	$\sqrt{34}$	$-\sqrt{10}$	$\sqrt{7}$	0	
(6, 6)	$\sqrt{170}$	$\sqrt{15}$	$-\sqrt{42}$	$\sqrt{56}$	
	D	(5, -1) (5, -5)	(5, -2) (5, -4)	(5, -3) (5, -3)	
		(5, 4) (5, 2)	(5, 5) (5, 1)		
		$\sqrt{80}$	$\sqrt{14}$		(10, -6)
		$\sqrt{10}$	$\sqrt{7}$		-(9, -6)
		1	$\sqrt{70}$		(8, -6)
		$-\sqrt{7}$	$\sqrt{10}$		-(7, -6)
		$-\sqrt{42}$	$\sqrt{15}$		(6, -6)
		(5, -4) (5, -2)	(5, -5) (5, -1)		

$m = \pm 5$	D	(5, 0) (5, 5)	(5, 1) (5, 4)	(5, 2) (5, 3)		
(10, 5)	$\sqrt{1292}$	$\sqrt{21}$	$\sqrt{175}$	$\sqrt{450}$		
(9, 5)	$\sqrt{68}$	$-\sqrt{7}$	$-\sqrt{21}$	$-\sqrt{6}$		
(8, 5)	$\sqrt{190}$	$\sqrt{50}$	$\sqrt{24}$	$-\sqrt{21}$		
(7, 5)	$\sqrt{442}$	$-\sqrt{150}$	$\sqrt{8}$	$\sqrt{63}$		
(6, 5)	$\sqrt{340}$	$\sqrt{75}$	-9	$\sqrt{14}$		
(5, 5)	$\sqrt{52}$	$-\sqrt{3}$	3	$-\sqrt{14}$		
	D	(5, 0) (5, -5)	(5, -1) (5, -4)	(5, -2) (5, -3)		
$m = \pm 4$	D	(5, 3) (5, 2)	(5, 4) (5, 1)	(5, 5) (5, 0)		
(10, 4)	$\sqrt{1292}$	$\sqrt{450}$	$\sqrt{175}$	$\sqrt{21}$	(10, -5)	
(9, 4)	$\sqrt{68}$	$\sqrt{6}$	$\sqrt{21}$	$\sqrt{7}$	-(9, -5)	
(8, 4)	$\sqrt{2470}$	$-\sqrt{21}$	$\sqrt{24}$	$\sqrt{50}$	(8, -5)	
(7, 4)	$\sqrt{442}$	$-\sqrt{63}$	$-\sqrt{8}$	$\sqrt{150}$	-(7, -5)	
(6, 4)	$\sqrt{3740}$	$\sqrt{14}$	-9	$\sqrt{75}$	(6, -5)	
(5, 4)	$\sqrt{52}$	$\sqrt{14}$	-3	$\sqrt{3}$	-(5, -5)	
	D	(5, -3) (5, -2)	(5, -4) (5, -1)	(5, -5) (5, 0)		
$m = \pm 4$	D	(5, -1) (5, 5)	(5, 0) (5, 4)	(5, 1) (5, 3)		
(10, 4)	$\sqrt{1292}$	$\sqrt{7}$	$\sqrt{84}$	$\sqrt{315}$		
(9, 4)	$\sqrt{68}$	$-\sqrt{3}$	-4	$-\sqrt{15}$		
(8, 4)	$\sqrt{2470}$	$\sqrt{375}$	$\sqrt{605}$	$-\sqrt{3}$		
(7, 4)	$\sqrt{442}$	$-\sqrt{125}$	$-\sqrt{15}$	9		
(6, 4)	$\sqrt{3740}$	$\sqrt{1125}$	$-\sqrt{240}$	-13		
(5, 4)	$\sqrt{52}$	-3	$\sqrt{12}$	$-\sqrt{5}$		
(4, 4)	$\sqrt{143}$	$\sqrt{6}$	$-\sqrt{18}$	$\sqrt{30}$		
	D	(5, 1) (5, -5)	(5, 0) (5, -4)	(5, -1) (5, -3)		
$m = \pm 4$	D	(5, 2) (5, 2)	(5, 3) (5, 1)	(5, 4) (5, 0)	(5, 5) (5, -1)	
(10, 4)	$\sqrt{480}$	$\sqrt{315}$	$\sqrt{84}$	$\sqrt{7}$	(10, -4)	
(9, 4)	0	$\sqrt{15}$	4	$\sqrt{3}$	-(9, -4)	
(8, 4)	$-\sqrt{504}$	$-\sqrt{3}$	$\sqrt{605}$	$\sqrt{375}$	(8, -4)	
(7, 4)	0	-9	$\sqrt{15}$	$\sqrt{125}$	-(7, -4)	
(6, 4)	$\sqrt{672}$	-13	$-\sqrt{240}$	$\sqrt{1125}$	(6, -4)	
(5, 4)	0	$\sqrt{5}$	$-\sqrt{12}$	3	-(5, -4)	
(4, 4)	$-\sqrt{35}$	$\sqrt{30}$	$-\sqrt{18}$	$\sqrt{6}$	(4, -4)	
	D	(5, -2) (5, -2)	(5, -3) (5, -1)	(5, -4) (5, 0)	(5, -5) (5, 1)	

$m = \pm 3$

	D	(5, -2)(5, 5)	(5, -1)(5, 4)	(5, 0)(5, 3)	(5, 1)(5, 2)	
(10, 3)	$\sqrt{1292}$	$\sqrt{2}$	$\sqrt{35}$	$\sqrt{189}$	$\sqrt{420}$	
(9, 3)	$\sqrt{884}$	$-\sqrt{14}$	$-\sqrt{125}$	$-\sqrt{243}$	$-\sqrt{60}$	
(8, 3)	$\sqrt{494}$	$\sqrt{35}$	$\sqrt{128}$	$\sqrt{30}$	$-\sqrt{54}$	
(7, 3)	$\sqrt{4862}$	$-\sqrt{875}$	$-\sqrt{800}$	$\sqrt{270}$	$\sqrt{486}$	
(6, 3)	$\sqrt{748}$	$\sqrt{210}$	$\sqrt{3}$	$-\sqrt{125}$	6	
(5, 3)	$\sqrt{312}$	$-\sqrt{84}$	$\sqrt{30}$	$\sqrt{2}$	$-\sqrt{40}$	
(4, 3)	$\sqrt{286}$	$\sqrt{42}$	$-\sqrt{60}$	6	$-\sqrt{5}$	
(3, 3)	$\sqrt{858}$	$-\sqrt{30}$	$\sqrt{84}$	$-\sqrt{140}$	$\sqrt{175}$	
	D	(5, 2)(5, -5)	(5, 1)(5, -4)	(5, 0)(5, -3)	(5, -1)(5, -2)	
		(5, 2)(5, 1)	(5, 3)(5, 0)	(5, 4)(5, -1)	(5, 5)(5, -2)	
		$\sqrt{420}$	$\sqrt{189}$	$\sqrt{35}$	$\sqrt{2}$	(10, -3)
		$\sqrt{60}$	$\sqrt{243}$	$\sqrt{125}$	$\sqrt{14}$	-(9, -3)
		$-\sqrt{54}$	$\sqrt{30}$	$\sqrt{128}$	$\sqrt{35}$	(8, -3)
		$-\sqrt{486}$	$-\sqrt{270}$	$\sqrt{800}$	$\sqrt{875}$	-(7, -3)
		6	$-\sqrt{125}$	$\sqrt{3}$	$\sqrt{210}$	(6, -3)
		$\sqrt{40}$	$-\sqrt{2}$	$-\sqrt{30}$	$\sqrt{84}$	-(5, -3)
		$-\sqrt{5}$	6	$-\sqrt{60}$	$\sqrt{42}$	(4, -3)
		$-\sqrt{175}$	$\sqrt{140}$	$\sqrt{84}$	$\sqrt{30}$	-(3, -3)
		(5, -2)(5, -1)	(5, -3)(5, 0)	(5, -4)(5, 1)	(5, -5)(5, 2)	

 $m = \pm 2$

	D	(5, -3)(5, 5)	(5, -2)(5, 4)	(5, -1)(5, 3)	(5, 0)(5, 2)	
(10, 2)	$\sqrt{8398}$	$\sqrt{3}$	$\sqrt{80}$	$\sqrt{630}$	$\sqrt{2016}$	
(9, 2)	$\sqrt{442}$	$-\sqrt{2}$	$-\sqrt{30}$	$-\sqrt{105}$	$-\sqrt{84}$	
(8, 2)	$\sqrt{5434}$	$\sqrt{140}$	$\sqrt{1029}$	$\sqrt{1014}$	$-\sqrt{30}$	
(7, 2)	$\sqrt{4862}$	$-\sqrt{420}$	$-\sqrt{1183}$	$-\sqrt{18}$	$\sqrt{810}$	
(6, 2)	$\sqrt{1122}$	$\sqrt{210}$	$\sqrt{126}$	-11	$-\sqrt{20}$	
(5, 2)	$\sqrt{78}$	$-\sqrt{21}$	0	$\sqrt{10}$	$-\sqrt{8}$	
(4, 2)	$\sqrt{286}$	$\sqrt{72}$	$-\sqrt{30}$	0	$\sqrt{21}$	
(3, 2)	$\sqrt{858}$	$-\sqrt{120}$	$\sqrt{162}$	$-\sqrt{112}$	$\sqrt{35}$	
(2, 2)	$\sqrt{429}$	$\sqrt{15}$	-6	$\sqrt{56}$	$-\sqrt{70}$	
	D	(5, 3)(5, -5)	(5, 2)(5, -4)	(5, 1)(5, -3)	(5, 0)(5, -2)	

(5, 1)(5, 1)		(5, 2)(5, 0)		(5, 3)(5, -1)	(5, 4)(5, -2)	(5, 5)(5, -3)			
	$\sqrt{2940}$		$\sqrt{2016}$		$\sqrt{630}$		$\sqrt{80}$	$\sqrt{3}$	(10, -2)
	0		$\sqrt{84}$		$\sqrt{105}$		$\sqrt{30}$	$\sqrt{2}$	-(9, -2)
	$-\sqrt{1008}$		$-\sqrt{30}$		$\sqrt{1014}$		$\sqrt{1029}$	$\sqrt{140}$	(8, -2)
	0		$-\sqrt{810}$		$\sqrt{18}$		$\sqrt{1183}$	$\sqrt{420}$	-(7, -2)
	$\sqrt{168}$		$-\sqrt{20}$		-11		$\sqrt{126}$	$\sqrt{210}$	(6, -2)
	0		$\sqrt{8}$		$-\sqrt{10}$		0	$\sqrt{21}$	-(5, -2)
	$-\sqrt{40}$		$\sqrt{21}$		0		$-\sqrt{30}$	$\sqrt{72}$	(4, -2)
	0		$-\sqrt{35}$		$\sqrt{112}$		$-\sqrt{162}$	$\sqrt{120}$	-(3, -2)
	$\sqrt{75}$		$-\sqrt{70}$		$\sqrt{56}$		-6	$\sqrt{15}$	(2, -2)
(5, -1)(5, -1)		(5, -2)(5, 0)	(5, -3)(5, 1)	(5, -4)(5, 2)	(5, -5)(5, 3)				
$m = \pm 1$		D	(5, -4)(5, 5)	(5, -3)(5, 4)	(5, -2)(5, 3)	(5, -1)(5, 2)	(5, 0)(5, 1)		
(10, 1)	$\sqrt{16796}$		1	$\sqrt{45}$	$\sqrt{540}$	$\sqrt{2520}$	$\sqrt{5292}$		
(9, 1)	$\sqrt{9724}$		-3	$-\sqrt{245}$	$-\sqrt{1500}$	$-\sqrt{2520}$	$-\sqrt{588}$		
(8, 1)	$\sqrt{27170}$		$\sqrt{180}$	$\sqrt{2704}$	$\sqrt{6627}$	$\sqrt{1134}$	$-\sqrt{2940}$		
(7, 1)	$\sqrt{4862}$		$-\sqrt{140}$	$-\sqrt{1008}$	$-\sqrt{525}$	$\sqrt{338}$	$\sqrt{420}$		
(6, 1)	$\sqrt{11220}$		$\sqrt{945}$	$\sqrt{2541}$	$-\sqrt{28}$	$-\sqrt{1536}$	$\sqrt{560}$		
(5, 1)	$\sqrt{156}$		$-\sqrt{27}$	$-\sqrt{15}$	$\sqrt{20}$	0	-4		
(4, 1)	$\sqrt{286}$		$\sqrt{72}$	0	$-\sqrt{30}$	$\sqrt{35}$	$-\sqrt{6}$		
(3, 1)	$\sqrt{4290}$		$-\sqrt{1080}$	$\sqrt{384}$	$-\sqrt{2}$	$-\sqrt{189}$	$\sqrt{490}$		
(2, 1)	$\sqrt{858}$		$\sqrt{135}$	$-\sqrt{147}$	10	$-\sqrt{42}$	$\sqrt{5}$		
(1, 1)	$\sqrt{110}$		$-\sqrt{5}$	3	$-\sqrt{12}$	$\sqrt{14}$	$-\sqrt{15}$		
D		(5, 4)(5, -5)	(5, 3)(5, -4)	(5, 2)(5, -3)	(5, 1)(5, -2)	(5, 0)(5, -1)			
(5, 1)(5, 0)		(5, 2)(5, -1)	(5, 3)(5, -2)	(5, 4)(5, -3)	(5, 5)(5, -4)				
	$\sqrt{5292}$		$\sqrt{2520}$	$\sqrt{540}$	$\sqrt{45}$	1	(10, -1)		
	$\sqrt{588}$		$\sqrt{2520}$	$\sqrt{1500}$	$\sqrt{245}$	3	-(9, -1)		
	$-\sqrt{2940}$		$\sqrt{1134}$	$\sqrt{6627}$	$\sqrt{2704}$	$\sqrt{180}$	(8, -1)		
	$-\sqrt{420}$		$-\sqrt{338}$	$\sqrt{525}$	$\sqrt{1008}$	$\sqrt{140}$	-(7, -1)		
	$\sqrt{560}$		$-\sqrt{1536}$	$-\sqrt{28}$	$\sqrt{2541}$	$\sqrt{945}$	(6, -1)		
	4		0	$-\sqrt{20}$	$\sqrt{15}$	$\sqrt{27}$	-(5, -1)		
	$-\sqrt{6}$		$\sqrt{35}$	$-\sqrt{30}$	0	$\sqrt{72}$	(4, -1)		
	$-\sqrt{490}$		$\sqrt{189}$	$\sqrt{2}$	$-\sqrt{384}$	$\sqrt{1080}$	-(3, -1)		
	$\sqrt{5}$		$-\sqrt{42}$	10	$-\sqrt{147}$	$\sqrt{135}$	(2, -1)		
	$\sqrt{15}$		$-\sqrt{14}$	$\sqrt{12}$	-3	$\sqrt{5}$	-(1, -1)		
(5, -1)(5, 0)		(5, -2)(5, 1)	(5, -3)(5, 2)	(5, -4)(5, 3)	(5, -5)(5, 4)				

$m = 0$	D	(5, -5)(5, 5)	(5, -4)(5, 4)	(5, -3)(5, 3)	(5, -2)(5, 2)	(5, -1)(5, 1)
(10, 0)	$\sqrt{184756}$	1	10	45	120	210
(9, 0)	$\sqrt{9724}$	-1	-8	-27	-48	-42
(8, 0)	$\sqrt{27170}$	5	31	73	68	-14
(7, 0)	$\sqrt{4862}$	-5	23	-33	-2	28
(6, 0)	$\sqrt{11220}$	15	48	29	-36	-12
(5, 0)	$\sqrt{624}$	-6	-12	2	8	-8
(4, 0)	$\sqrt{286}$	6	6	-6	1	4
(3, 0)	$\sqrt{4290}$	-30	-6	22	-23	14
(2, 0)	$\sqrt{858}$	15	-6	-1	6	-9
(1, 0)	$\sqrt{110}$	-5	4	-3	2	-1
(0, 0)	$\sqrt{11}$	1	-1	1	-1	1

(5, 0)(5, 0)	(5, 1)(5, -1)	(5, 2)(5, -2)	(5, 3)(5, -3)	(5, 4)(5, -4)	(5, 5)(5, -5)
252	210	120	45	10	1
0	42	48	27	8	1
-70	-14	68	73	31	5
0	-28	2	33	-23	5
40	-12	-36	29	48	15
0	8	-8	-2	12	6
-6	4	1	-6	6	6
0	-14	23	-22	6	30
10	-9	6	-1	-6	15
0	1	-2	3	-4	5
-1	1	-1	1	-1	1

 $j' = 5 \quad j = 11/2$

$m = \pm \frac{19}{2}$	D	$\left(\frac{11}{2}, \frac{9}{2}\right)(5, 5)$	$\left(\frac{11}{2}, \frac{11}{2}\right)(5, 4)$	
$\left(\frac{21}{2}, \frac{19}{2}\right)$	$\sqrt{21}$	$\sqrt{11}$	$\sqrt{10}$	$\left(\frac{21}{2}, -\frac{19}{2}\right)$
$\left(\frac{19}{2}, \frac{19}{2}\right)$	$\sqrt{21}$	$-\sqrt{10}$	$\sqrt{11}$	$-\left(\frac{19}{2}, -\frac{19}{2}\right)$
D		$\left(\frac{11}{2}, -\frac{9}{2}\right)(5, -5)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)(5, -4)$	

$m = \pm \frac{17}{2}$	D	$\left(\frac{11}{2}, \frac{7}{2}\right)(5, 5)$	$\left(\frac{11}{2}, \frac{9}{2}\right)(5, 4)$	$\left(\frac{11}{2}, \frac{11}{2}\right)(5, 3)$	
$\left(\frac{21}{2}, \frac{17}{2}\right)$	$\sqrt{42}$	$\sqrt{11}$	$\sqrt{22}$	3	$\left(\frac{21}{2}, -\frac{17}{2}\right)$
$\left(\frac{19}{2}, \frac{17}{2}\right)$	$\sqrt{399}$	$-\sqrt{200}$	1	$\sqrt{198}$	$-\left(\frac{19}{2}, -\frac{17}{2}\right)$
$\left(\frac{17}{2}, \frac{17}{2}\right)$	$\sqrt{38}$	3	$-\sqrt{18}$	$\sqrt{11}$	$\left(\frac{17}{2}, -\frac{17}{2}\right)$
	D	$\left(\frac{11}{2}, -\frac{7}{2}\right)(5, -5)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)(5, -4)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)(5, -3)$	

$m = \pm \frac{15}{2}$	D	$\left(\frac{11}{2}, \frac{5}{2}\right)(5, 5)$	$\left(\frac{11}{2}, \frac{7}{2}\right)(5, 4)$	$\left(\frac{11}{2}, \frac{9}{2}\right)(5, 3)$	$\left(\frac{11}{2}, \frac{11}{2}\right)(5, 2)$	
$\left(\frac{21}{2}, \frac{15}{2}\right)$	$\sqrt{266}$	$\sqrt{33}$	$\sqrt{110}$	$\sqrt{99}$	$\sqrt{24}$	$\left(\frac{21}{2}, -\frac{15}{2}\right)$
$\left(\frac{19}{2}, \frac{15}{2}\right)$	$\sqrt{133}$	$-\sqrt{50}$	$-\sqrt{15}$	$\sqrt{24}$	$\sqrt{44}$	$-\left(\frac{19}{2}, -\frac{15}{2}\right)$
$\left(\frac{17}{2}, \frac{15}{2}\right)$	$\sqrt{646}$	$\sqrt{243}$	$-\sqrt{90}$	-7	$\sqrt{264}$	$\left(\frac{17}{2}, -\frac{15}{2}\right)$
$\left(\frac{15}{2}, \frac{15}{2}\right)$	$\sqrt{323}$	$-\sqrt{40}$	$\sqrt{108}$	$-\sqrt{120}$	$\sqrt{55}$	$-\left(\frac{15}{2}, -\frac{15}{2}\right)$
	D	$\left(\frac{11}{2}, -\frac{5}{2}\right)(5, -5)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)(5, -4)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)(5, -3)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)(5, -2)$	

$m = \pm \frac{13}{2}$	D	$\left(\frac{11}{2}, \frac{3}{2}\right)(5, 5)$	$\left(\frac{11}{2}, \frac{5}{2}\right)(5, 4)$	$\left(\frac{11}{2}, \frac{7}{2}\right)(5, 3)$	
$\left(\frac{21}{2}, \frac{13}{2}\right)$	$\sqrt{399}$	$\sqrt{22}$	$\sqrt{110}$	$\sqrt{165}$	
$\left(\frac{19}{2}, \frac{13}{2}\right)$	$\sqrt{6783}$	-40	$-\sqrt{1805}$	$\sqrt{30}$	
$\left(\frac{17}{2}, \frac{13}{2}\right)$	$\sqrt{646}$	$\sqrt{243}$	0	$-\sqrt{160}$	
$\left(\frac{15}{2}, \frac{13}{2}\right)$	$\sqrt{4845}$	$-\sqrt{1280}$	34	$-\sqrt{24}$	
$\left(\frac{13}{2}, \frac{13}{2}\right)$	$\sqrt{510}$	$\sqrt{35}$	$-\sqrt{112}$	$\sqrt{168}$	
	D	$\left(\frac{11}{2}, -\frac{3}{2}\right)(5, -5)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)(5, -4)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)(5, -3)$	

$\left(\frac{11}{2}, \frac{9}{2}\right)(5, 2)$	$\left(\frac{11}{2}, \frac{11}{2}\right)(5, 1)$	
$\sqrt{88}$	$\sqrt{14}$	$\left(\frac{21}{2}, -\frac{13}{2}\right)$
46	$\sqrt{1232}$	$-\left(\frac{19}{2}, -\frac{13}{2}\right)$
$\sqrt{12}$	$\sqrt{231}$	$\left(\frac{17}{2}, -\frac{13}{2}\right)$
$-\sqrt{845}$	$\sqrt{1540}$	$-\left(\frac{15}{2}, -\frac{13}{2}\right)$
$-\sqrt{140}$	$\sqrt{55}$	$\left(\frac{13}{2}, -\frac{13}{2}\right)$
$\left(\frac{11}{2}, -\frac{9}{2}\right)(5, -2)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)(5, -1)$	

$m = \pm \frac{11}{2}$	D	$(\frac{11}{2}, \frac{1}{2})(5, 5)$	$(\frac{11}{2}, \frac{3}{2})(5, 4)$	$(\frac{11}{2}, \frac{5}{2})(5, 3)$	
$(\frac{21}{2}, \frac{11}{2})$	$\sqrt{6783}$	$\sqrt{154}$	$\sqrt{1100}$	$\sqrt{2475}$	
$(\frac{19}{2}, \frac{11}{2})$	$\sqrt{27132}$	$-\sqrt{3500}$	$-\sqrt{8410}$	$-\sqrt{1440}$	
$(\frac{17}{2}, \frac{11}{2})$	$\sqrt{646}$	$\sqrt{189}$	$\sqrt{54}$	$-\sqrt{96}$	
$(\frac{15}{2}, \frac{11}{2})$	$\sqrt{4845}$	-40	$\sqrt{224}$	$\sqrt{504}$	
$(\frac{13}{2}, \frac{11}{2})$	$\sqrt{6630}$	35	$-\sqrt{1694}$	$\sqrt{504}$	
$(\frac{11}{2}, \frac{11}{2})$	$\sqrt{442}$	$-\sqrt{18}$	$\sqrt{63}$	$-\sqrt{112}$	
	D	$(\frac{11}{2}, -\frac{1}{2})(5, -5)$	$(\frac{11}{2}, -\frac{3}{2})(5, -4)$	$(\frac{11}{2}, -\frac{5}{2})(5, -3)$	
$m = \pm \frac{9}{2}$	D	$(\frac{11}{2}, \frac{7}{2})(5, 2)$	$(\frac{11}{2}, \frac{9}{2})(5, 1)$	$(\frac{11}{2}, \frac{11}{2})(5, 0)$	
$(\frac{21}{2}, \frac{9}{2})$		$\sqrt{2200}$	$\sqrt{770}$	$\sqrt{84}$	$(\frac{21}{2}, -\frac{11}{2})$
$(\frac{19}{2}, \frac{9}{2})$		$\sqrt{3380}$	$\sqrt{8092}$	$\sqrt{2310}$	$-(\frac{19}{2}, -\frac{11}{2})$
$(\frac{17}{2}, \frac{9}{2})$		$-\sqrt{48}$	$\sqrt{105}$	$\sqrt{154}$	$(\frac{17}{2}, -\frac{11}{2})$
$(\frac{15}{2}, \frac{9}{2})$		$-\sqrt{847}$	$-\sqrt{20}$	$\sqrt{1650}$	$-(\frac{15}{2}, -\frac{11}{2})$
$(\frac{13}{2}, \frac{9}{2})$		$\sqrt{112}$	$-\sqrt{1445}$	$\sqrt{1650}$	$(\frac{13}{2}, -\frac{11}{2})$
$(\frac{11}{2}, \frac{9}{2})$		$\sqrt{126}$	$-\sqrt{90}$	$\sqrt{33}$	$-(\frac{11}{2}, -\frac{11}{2})$
	D	$(\frac{11}{2}, -\frac{7}{2})(5, -2)$	$(\frac{11}{2}, -\frac{9}{2})(5, -1)$	$(\frac{11}{2}, -\frac{11}{2})(5, 0)$	
$m = \pm \frac{5}{2}$	D	$(\frac{11}{2}, -\frac{1}{2})(5, 5)$	$(\frac{11}{2}, \frac{1}{2})(5, 4)$	$(\frac{11}{2}, \frac{3}{2})(5, 3)$	$(\frac{11}{2}, \frac{5}{2})(5, 2)$
$(\frac{21}{2}, \frac{5}{2})$	$\sqrt{9044}$	$\sqrt{77}$	$\sqrt{770}$	$\sqrt{2475}$	$\sqrt{3300}$
$(\frac{19}{2}, \frac{5}{2})$	$\sqrt{9044}$	$-\sqrt{560}$	$-\sqrt{2366}$	$-\sqrt{1620}$	$\sqrt{60}$
$(\frac{17}{2}, \frac{5}{2})$	$\sqrt{2584}$	$\sqrt{486}$	$\sqrt{540}$	$-\sqrt{42}$	$-\sqrt{504}$
$(\frac{15}{2}, \frac{5}{2})$	$\sqrt{20995}$	-80	$-\sqrt{160}$	$\sqrt{1032}$	$-\sqrt{189}$
$(\frac{13}{2}, \frac{5}{2})$	$\sqrt{4420}$	35	$-\sqrt{490}$	$-\sqrt{63}$	$\sqrt{756}$
$(\frac{11}{2}, \frac{5}{2})$	$\sqrt{9724}$	-36	$\sqrt{2250}$	$-\sqrt{1372}$	$\sqrt{84}$
$(\frac{9}{2}, \frac{5}{2})$	$\sqrt{1144}$	$\sqrt{30}$	$-\sqrt{108}$	$\sqrt{210}$	$-\sqrt{280}$
	D	$(\frac{11}{2}, \frac{1}{2})(5, -5)$	$(\frac{11}{2}, -\frac{1}{2})(5, -4)$	$(\frac{11}{2}, -\frac{3}{2})(5, -3)$	$(\frac{11}{2}, -\frac{5}{2})(5, -2)$

		$\left(\frac{11}{2}, \frac{7}{2}\right)(5, 1)$	$\left(\frac{11}{2}, \frac{9}{2}\right)(5, 0)$	$\left(\frac{11}{2}, \frac{11}{2}\right)(5, -1)$	
		$\sqrt{1925}$	$\sqrt{462}$	$\sqrt{35}$	$\left(\frac{21}{2}, -\frac{9}{2}\right)$
		$\sqrt{2240}$	$\sqrt{1890}$	$\sqrt{308}$	$-\left(\frac{19}{2}, -\frac{9}{2}\right)$
		$\sqrt{6}$	26	$\sqrt{330}$	$\left(\frac{17}{2}, -\frac{9}{2}\right)$
		$-\sqrt{3364}$	$\sqrt{1350}$	$\sqrt{5500}$	$-\left(\frac{15}{2}, -\frac{9}{2}\right)$
		-19	$-\sqrt{150}$	$\sqrt{1375}$	$\left(\frac{13}{2}, -\frac{9}{2}\right)$
		24	$-\sqrt{2166}$	$\sqrt{1980}$	$-\left(\frac{11}{2}, -\frac{9}{2}\right)$
		$\sqrt{270}$	$-\sqrt{180}$	$\sqrt{66}$	$\left(\frac{9}{2}, -\frac{9}{2}\right)$
		$\left(\frac{11}{2}, -\frac{7}{2}\right)(5, -1)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)(5, 0)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)(5, 1)$	
$m = \pm \frac{7}{2}$	D	$\left(\frac{11}{2}, -\frac{3}{2}\right)(5, 5)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)(5, 4)$	$\left(\frac{11}{2}, \frac{1}{2}\right)(5, 3)$	$\left(\frac{11}{2}, \frac{3}{2}\right)(5, 2)$
$\left(\frac{21}{2}, \frac{7}{2}\right)$	$\sqrt{3876}$	$\sqrt{11}$	$\sqrt{154}$	$\sqrt{693}$	$\sqrt{1320}$
$\left(\frac{19}{2}, \frac{7}{2}\right)$	$\sqrt{1938}$	$-\sqrt{50}$	$-\sqrt{343}$	$-\sqrt{504}$	$-\sqrt{60}$
$\left(\frac{17}{2}, \frac{7}{2}\right)$	$\sqrt{16796}$	$\sqrt{1701}$	$\sqrt{4374}$	$\sqrt{363}$	$-\sqrt{2520}$
$\left(\frac{15}{2}, \frac{7}{2}\right)$	$\sqrt{62985}$	$-\sqrt{14000}$	$-\sqrt{6760}$	$\sqrt{6480}$	$\sqrt{3402}$
$\left(\frac{13}{2}, \frac{7}{2}\right)$	$\sqrt{145860}$	$\sqrt{42875}$	$-\sqrt{490}$	$-\sqrt{19845}$	$\sqrt{13608}$
$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\sqrt{4862}$	$-\sqrt{1134}$	27	$-\sqrt{8}$	$-\sqrt{420}$
$\left(\frac{9}{2}, \frac{7}{2}\right)$	$\sqrt{5148}$	$\sqrt{525}$	$-\sqrt{1014}$	$\sqrt{867}$	$-\sqrt{280}$
$\left(\frac{7}{2}, \frac{7}{2}\right)$	$\sqrt{1287}$	$-\sqrt{24}$	$\sqrt{84}$	$-\sqrt{168}$	$\sqrt{245}$
D		$\left(\frac{11}{2}, \frac{3}{2}\right)(5, -5)$	$\left(\frac{11}{2}, \frac{1}{2}\right)(5, -4)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)(5, -3)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)(5, -2)$
$\left(\frac{11}{2}, \frac{5}{2}\right)(5, 1)$		$\left(\frac{11}{2}, \frac{7}{2}\right)(5, 0)$	$\left(\frac{11}{2}, \frac{9}{2}\right)(5, -1)$	$\left(\frac{11}{2}, \frac{11}{2}\right)(5, -2)$	
		$\sqrt{1155}$	$\sqrt{462}$	$\sqrt{77}$	2
		$\sqrt{210}$	$\sqrt{525}$	$\sqrt{224}$	$\sqrt{22}$
		$-\sqrt{1125}$	$\sqrt{1682}$	$\sqrt{4107}$	$\sqrt{924}$
		$-\sqrt{8748}$	$-\sqrt{1470}$	$\sqrt{12500}$	$\sqrt{9625}$
		$\sqrt{2187}$	$-\sqrt{25230}$	$\sqrt{3125}$	$\sqrt{38500}$
		$\sqrt{750}$	$-\sqrt{147}$	$-\sqrt{288}$	$\sqrt{1386}$
		$-\sqrt{5}$	$\sqrt{450}$	$-\sqrt{1083}$	$\sqrt{924}$
		$-\sqrt{280}$	$\sqrt{252}$	$-\sqrt{168}$	$\sqrt{66}$
		$\left(\frac{11}{2}, -\frac{5}{2}\right)(5, -1)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)(5, 0)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)(5, 1)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)(5, 2)$

$m = \pm \frac{5}{2}$	D	$(\frac{11}{2}, -\frac{5}{2})(5, 5)$	$(\frac{11}{2}, -\frac{3}{2})(5, 4)$	$(\frac{11}{2}, -\frac{1}{2})(5, 3)$	$(\frac{11}{2}, \frac{1}{2})(5, 2)$	
$(\frac{21}{2}, \frac{5}{2})$	$\sqrt{13566}$	$\sqrt{11}$	$\sqrt{220}$	$\sqrt{1386}$	$\sqrt{3696}$	
$(\frac{19}{2}, \frac{5}{2})$	$\sqrt{529074}$	$-\sqrt{4800}$	$-\sqrt{52215}$	$-\sqrt{136458}$	$-\sqrt{72828}$	
$(\frac{17}{2}, \frac{5}{2})$	$\sqrt{16796}$	$\sqrt{756}$	$\sqrt{3780}$	$\sqrt{2166}$	$-\sqrt{576}$	
$(\frac{15}{2}, \frac{5}{2})$	$\sqrt{138567}$	$-\sqrt{17920}$	$-\sqrt{29624}$	$\sqrt{720}$	$\sqrt{21870}$	
$(\frac{13}{2}, \frac{5}{2})$	$\sqrt{14586}$	$\sqrt{3430}$	$\sqrt{686}$	$-\sqrt{2205}$	0	
$(\frac{11}{2}, \frac{5}{2})$	$\sqrt{14586}$	$-\sqrt{4032}$	$\sqrt{315}$	$\sqrt{1058}$	$-\sqrt{2028}$	
$(\frac{9}{2}, \frac{5}{2})$	$\sqrt{2574}$	$\sqrt{525}$	$-\sqrt{420}$	$\sqrt{54}$	8	
$(\frac{7}{2}, \frac{5}{2})$	$\sqrt{9009}$	$-\sqrt{768}$	$\sqrt{1500}$	$-\sqrt{1512}$	$\sqrt{847}$	
$(\frac{5}{2}, \frac{5}{2})$	$\sqrt{3003}$	$\sqrt{45}$	-12	$\sqrt{280}$	$-\sqrt{420}$	
D		$(\frac{11}{2}, \frac{5}{2})(5, -5)$	$(\frac{11}{2}, \frac{3}{2})(5, -4)$	$(\frac{11}{2}, \frac{1}{2})(5, -3)$	$(\frac{11}{2}, -\frac{1}{2})(5, -2)$	
$(\frac{11}{2}, \frac{3}{2})(5, -1)$	$\sqrt{4620}$	$\sqrt{2772}$	$\sqrt{770}$	$\sqrt{88}$	$\sqrt{3}$	$(\frac{21}{2}, -\frac{5}{2})$
$\sqrt{5040}$	$\sqrt{118125}$	$\sqrt{111090}$	$\sqrt{26934}$	$\sqrt{1584}$		$(\frac{19}{2}, -\frac{5}{2})$
$-\sqrt{2880}$	$\sqrt{12}$	$\sqrt{3630}$	$\sqrt{2688}$	$\sqrt{308}$		$(\frac{17}{2}, -\frac{5}{2})$
$-\sqrt{1944}$	$-\sqrt{20250}$	$\sqrt{3364}$	$\sqrt{33635}$	$\sqrt{9240}$		$(\frac{15}{2}, -\frac{5}{2})$
$\sqrt{1944}$	$-\sqrt{810}$	-31	$\sqrt{2240}$	$\sqrt{2310}$		$(\frac{13}{2}, -\frac{5}{2})$
$\sqrt{240}$	29	$-\sqrt{2250}$	$\sqrt{126}$	$\sqrt{3696}$		$(\frac{11}{2}, -\frac{5}{2})$
$-\sqrt{320}$	$\sqrt{300}$	$-\sqrt{30}$	$-\sqrt{168}$	$\sqrt{693}$		$(\frac{9}{2}, -\frac{5}{2})$
$-\sqrt{140}$	$-\sqrt{84}$	$\sqrt{840}$	$-\sqrt{1734}$	$\sqrt{1584}$		$(\frac{7}{2}, -\frac{5}{2})$
$\sqrt{525}$	$-\sqrt{560}$	$\sqrt{504}$	$-\sqrt{360}$	$\sqrt{165}$		$(\frac{5}{2}, -\frac{5}{2})$
$(\frac{11}{2}, -\frac{3}{2})(5, -1)$	$(\frac{11}{2}, -\frac{5}{2})(5, 0)$	$(\frac{11}{2}, -\frac{7}{2})(5, 1)$	$(\frac{11}{2}, -\frac{9}{2})(5, 2)$	$(\frac{11}{2}, -\frac{11}{2})(5, 3)$		

$m = \pm \frac{3}{2}$	D	$(\frac{11}{2}, -\frac{7}{2})_{(5, 5)}$	$(\frac{11}{2}, -\frac{5}{2})_{(5, 4)}$	$(\frac{11}{2}, -\frac{3}{2})_{(5, 3)}$	$(\frac{11}{2}, -\frac{1}{2})_{(5, 2)}$	$(\frac{11}{2}, \frac{1}{2})_{(5, 1)}$
$(\frac{21}{2}, \frac{3}{2})$	$\sqrt{58786}$	$\sqrt{11}$	$\sqrt{330}$	$\sqrt{2970}$	$\sqrt{11088}$	$\sqrt{19404}$
$(\frac{19}{2}, \frac{3}{2})$	$\sqrt{529074}$	$-\sqrt{1350}$	$-\sqrt{23805}$	$-\sqrt{103680}$	$-\sqrt{122472}$	$-\sqrt{10584}$
$(\frac{17}{2}, \frac{3}{2})$	$\sqrt{92378}$	$\sqrt{1458}$	$\sqrt{13500}$	$\sqrt{20535}$	$\sqrt{504}$	$-\sqrt{14112}$
$(\frac{15}{2}, \frac{3}{2})$	$\sqrt{230945}$	$-\sqrt{13440}$	$-\sqrt{54208}$	$-\sqrt{9072}$	$\sqrt{28830}$	$\sqrt{7560}$
$(\frac{13}{2}, \frac{3}{2})$	$\sqrt{24310}$	$\sqrt{3430}$	$\sqrt{4116}$	$-\sqrt{1029}$	$-\sqrt{1960}$	$\sqrt{2520}$
$(\frac{11}{2}, \frac{3}{2})$	$\sqrt{14586}$	$-\sqrt{3402}$	$-\sqrt{315}$	$\sqrt{2240}$	$-\sqrt{384}$	$-\sqrt{672}$
$(\frac{9}{2}, \frac{3}{2})$	$\sqrt{1716}$	$\sqrt{450}$	$-\sqrt{60}$	$-\sqrt{60}$	$\sqrt{224}$	$-\sqrt{128}$
$(\frac{7}{2}, \frac{3}{2})$	$\sqrt{3003}$	$-\sqrt{576}$	$\sqrt{480}$	$-\sqrt{120}$	$-\sqrt{7}$	14
$(\frac{5}{2}, \frac{3}{2})$	$\sqrt{15015}$	$\sqrt{1215}$	$-\sqrt{2178}$	$\sqrt{2312}$	$-\sqrt{1680}$	$\sqrt{735}$
$(\frac{3}{2}, \frac{3}{2})$	$\sqrt{715}$	$-\sqrt{10}$	$\sqrt{27}$	$-\sqrt{48}$	$\sqrt{70}$	$-\sqrt{90}$
D		$(\frac{11}{2}, \frac{7}{2})_{(5, -5)}$	$(\frac{11}{2}, \frac{5}{2})_{(5, -4)}$	$(\frac{11}{2}, \frac{3}{2})_{(5, -3)}$	$(\frac{11}{2}, \frac{1}{2})_{(5, -2)}$	$(\frac{11}{2}, -\frac{1}{2})_{(5, -1)}$
$(\frac{11}{2}, \frac{3}{2})_{(5, 0)}$	$\sqrt{16632}$	$\sqrt{6930}$	$\sqrt{1320}$	$\sqrt{99}$	$\sqrt{2}$	$(\frac{21}{2}, -\frac{3}{2})$
$\sqrt{56700}$	$\sqrt{136080}$	$\sqrt{64980}$	$\sqrt{9126}$	$\sqrt{297}$	$-(\frac{19}{2}, -\frac{3}{2})$	
$-\sqrt{5376}$	$\sqrt{7875}$	$\sqrt{21660}$	$\sqrt{6962}$	$\sqrt{396}$	$(\frac{17}{2}, -\frac{3}{2})$	
$-\sqrt{30420}$	$-\sqrt{6348}$	$\sqrt{35287}$	$\sqrt{41160}$	$\sqrt{4620}$	$-(\frac{15}{2}, -\frac{3}{2})$	
$\sqrt{240}$	-61	$\sqrt{84}$	$\sqrt{670}$	$\sqrt{1540}$	$(\frac{13}{2}, -\frac{3}{2})$	
44	$-\sqrt{240}$	$-\sqrt{1260}$	$\sqrt{2058}$	$\sqrt{2079}$	$-(\frac{11}{2}, -\frac{3}{2})$	
0	$\sqrt{140}$	$-\sqrt{240}$	$\sqrt{18}$	$\sqrt{396}$	$(\frac{9}{2}, -\frac{3}{2})$	
$-\sqrt{378}$	$\sqrt{280}$	$-\sqrt{30}$	-12	$\sqrt{792}$	$-(\frac{7}{2}, -\frac{3}{2})$	
$-\sqrt{70}$	$-\sqrt{168}$	$\sqrt{1152}$	$-\sqrt{2535}$	$\sqrt{2970}$	$(\frac{5}{2}, -\frac{3}{2})$	
$\sqrt{105}$	$-\sqrt{112}$	$\sqrt{108}$	$-\sqrt{90}$	$\sqrt{55}$	$-(\frac{3}{2}, -\frac{3}{2})$	
$(\frac{11}{2}, -\frac{3}{2})_{(5, 0)}$	$(\frac{11}{2}, -\frac{5}{2})_{(5, 1)}$	$(\frac{11}{2}, -\frac{7}{2})_{(5, 2)}$	$(\frac{11}{2}, -\frac{9}{2})_{(5, 3)}$	$(\frac{11}{2}, -\frac{11}{2})_{(5, 4)}$		

$m = \pm \frac{1}{2}$	D	$(\frac{11}{2}, -\frac{9}{2})_{(5, 5)}$	$(\frac{11}{2}, -\frac{7}{2})_{(5, 4)}$	$(\frac{11}{2}, -\frac{5}{2})_{(5, 3)}$	$(\frac{11}{2}, -\frac{3}{2})_{(5, 2)}$	$(\frac{11}{2}, -\frac{1}{2})_{(5, 1)}$
$(\frac{21}{2}, \frac{1}{2})$	$\sqrt{352716}$	$\sqrt{11}$	$\sqrt{550}$	$\sqrt{7425}$	$\sqrt{39600}$	$\sqrt{97020}$
$(\frac{19}{2}, \frac{1}{2})$	$\sqrt{1939938}$	$-\sqrt{1000}$	$-\sqrt{31205}$	$-\sqrt{227070}$	$-\sqrt{492840}$	$-\sqrt{225792}$
$(\frac{17}{2}, \frac{1}{2})$	$\sqrt{184756}$	$\sqrt{729}$	$\sqrt{13122}$	$\sqrt{42483}$	$\sqrt{17424}$	$-\sqrt{8820}$
$(\frac{15}{2}, \frac{1}{2})$	$\sqrt{692835}$	$-\sqrt{12800}$	$-\sqrt{118336}$	$-\sqrt{110976}$	$\sqrt{13778}$	$\sqrt{96040}$
$(\frac{13}{2}, \frac{1}{2})$	$\sqrt{145860}$	$\sqrt{8575}$	$\sqrt{33614}$	$\sqrt{1029}$	$-\sqrt{21952}$	$\sqrt{560}$
$(\frac{11}{2}, \frac{1}{2})$	$\sqrt{714714}$	$-\sqrt{95256}$	$-\sqrt{107163}$	$\sqrt{51842}$	$\sqrt{18816}$	$-\sqrt{94080}$
$(\frac{9}{2}, \frac{1}{2})$	$\sqrt{5148}$	$\sqrt{1125}$	$\sqrt{90}$	$-\sqrt{735}$	$\sqrt{320}$	4
$(\frac{7}{2}, \frac{1}{2})$	$\sqrt{9009}$	$-\sqrt{2304}$	$\sqrt{288}$	$\sqrt{192}$	-31	$\sqrt{980}$
$(\frac{5}{2}, \frac{1}{2})$	$\sqrt{30030}$	$\sqrt{6075}$	$-\sqrt{4374}$	37	$-\sqrt{12}$	$-\sqrt{735}$
$(\frac{3}{2}, \frac{1}{2})$	$\sqrt{2145}$	$-\sqrt{200}$	17	$-\sqrt{294}$	$\sqrt{242}$	$-\sqrt{160}$
$(\frac{1}{2}, \frac{1}{2})$	$\sqrt{66}$	1	$-\sqrt{2}$	$\sqrt{3}$	-2	$\sqrt{5}$
D		$(\frac{11}{2}, \frac{9}{2})_{(5, -5)}$	$(\frac{11}{2}, \frac{7}{2})_{(5, -4)}$	$(\frac{11}{2}, \frac{5}{2})_{(5, -3)}$	$(\frac{11}{2}, \frac{3}{2})_{(5, -2)}$	$(\frac{11}{2}, \frac{1}{2})_{(5, -1)}$
$(\frac{11}{2}, \frac{1}{2})_{(5, 0)}$	$(\frac{11}{2}, \frac{3}{2})_{(5, -1)}$	$(\frac{11}{2}, \frac{5}{2})_{(5, -2)}$	$(\frac{11}{2}, \frac{7}{2})_{(5, -3)}$	$(\frac{11}{2}, \frac{9}{2})_{(5, -4)}$	$(\frac{11}{2}, \frac{11}{2})_{(5, -5)}$	
$\sqrt{116424}$	$\sqrt{69300}$	$\sqrt{19800}$	$\sqrt{2475}$	$\sqrt{110}$	1	$(\frac{21}{2}, -\frac{1}{2})$
$\sqrt{26460}$	$\sqrt{425880}$	$\sqrt{397620}$	$\sqrt{104040}$	89	$\sqrt{110}$	$-(\frac{19}{2}, -\frac{1}{2})$
$-\sqrt{29400}$	$\sqrt{252}$	$\sqrt{38088}$	173	$\sqrt{4410}$	$\sqrt{99}$	$(\frac{17}{2}, -\frac{1}{2})$
$-\sqrt{14700}$	$-\sqrt{94136}$	121	$\sqrt{159048}$	$\sqrt{56180}$	$\sqrt{2200}$	$-(\frac{15}{2}, -\frac{1}{2})$
$\sqrt{16800}$	-92	$-\sqrt{9464}$	$\sqrt{18207}$	$\sqrt{25270}$	$\sqrt{1925}$	$(\frac{13}{2}, -\frac{1}{2})$
140	$\sqrt{32928}$	$-\sqrt{99372}$	$\sqrt{1176}$	$\sqrt{165375}$	$\sqrt{29106}$	$-(\frac{11}{2}, -\frac{1}{2})$
$-\sqrt{480}$	$\sqrt{560}$	$-\sqrt{40}$	$-\sqrt{405}$	$\sqrt{882}$	$\sqrt{495}$	$(\frac{9}{2}, -\frac{1}{2})$
$-\sqrt{294}$	$-\sqrt{28}$	$\sqrt{722}$	$-\sqrt{1296}$	$\sqrt{360}$	$\sqrt{1584}$	$-(\frac{7}{2}, -\frac{1}{2})$
$\sqrt{2450}$	$-\sqrt{3549}$	$\sqrt{2904}$	$-\sqrt{867}$	$-\sqrt{270}$	$\sqrt{7425}$	$(\frac{5}{2}, -\frac{1}{2})$
$\sqrt{75}$	$-\sqrt{14}$	-2	$\sqrt{72}$	$-\sqrt{245}$	$\sqrt{550}$	$-(\frac{3}{2}, -\frac{1}{2})$
$-\sqrt{6}$	$\sqrt{7}$	$-\sqrt{8}$	3	$-\sqrt{10}$	$\sqrt{11}$	$(\frac{1}{2}, -\frac{1}{2})$
$(\frac{11}{2}, -\frac{1}{2})_{(5, 0)}$	$(\frac{11}{2}, -\frac{3}{2})_{(5, 1)}$	$(\frac{11}{2}, -\frac{5}{2})_{(5, 2)}$	$(\frac{11}{2}, -\frac{7}{2})_{(5, 3)}$	$(\frac{11}{2}, -\frac{9}{2})_{(5, 4)}$	$(\frac{11}{2}, -\frac{11}{2})_{(5, 5)}$	

$j' = 5$
 $j = 6$

$m = \pm 10$	D	(6, 5) (5, 5)	(6, 6) (5, 4)	
(11, 10)	$\sqrt{11}$	$\sqrt{6}$	$\sqrt{5}$	(11, -10)
(10, 10)	$\sqrt{11}$	$-\sqrt{5}$	$\sqrt{6}$	-(10, -10)
	D	(6, -5) (5, -5)	(6, -6) (5, -4)	

$m = \pm 9$	D	(6, 4) (5, 5)	(6, 5) (5, 4)	(6, 6) (5, 3)	
(11, 9)	$\sqrt{77}$	$\sqrt{22}$	$\sqrt{40}$	$\sqrt{15}$	(11, -9)
(10, 9)	$\sqrt{110}$	$-\sqrt{55}$	1	$\sqrt{54}$	-(10, -9)
(9, 9)	$\sqrt{70}$	$\sqrt{15}$	$-\sqrt{33}$	$\sqrt{22}$	(9, -9)
	D	(6, -4) (5, -5)	(6, -5) (5, -4)	(6, -6) (5, -3)	

$m = \pm 8$	D	(6, 3) (5, 5)	(6, 4) (5, 4)	(6, 5) (5, 3)	(6, 6) (5, 2)	
(11, 8)	$\sqrt{77}$	$\sqrt{11}$	$\sqrt{33}$	$\sqrt{27}$	$\sqrt{6}$	(11, -8)
(10, 8)	$\sqrt{2090}$	$-\sqrt{825}$	$-\sqrt{176}$	21	$\sqrt{648}$	-(10, -8)
(9, 8)	$\sqrt{210}$	$\sqrt{75}$	-6	$-\sqrt{11}$	$\sqrt{88}$	(9, -8)
(8, 8)	$\sqrt{57}$	$-\sqrt{6}$	$\sqrt{18}$	$-\sqrt{22}$	$\sqrt{11}$	-(8, -8)
	D	(6, -3) (5, -5)	(6, -4) (5, -4)	(6, -5) (5, -3)	(6, -6) (5, -2)	

$m = \pm 7$	D	(6, 2) (5, 5)	(6, 3) (5, 4)	(6, 4) (5, 3)	
(11, 7)	$\sqrt{1463}$	$\sqrt{99}$	$\sqrt{440}$	$\sqrt{594}$	
(10, 7)	$\sqrt{2090}$	$-\sqrt{550}$	$-\sqrt{495}$	$\sqrt{33}$	
(9, 7)	$\sqrt{3570}$	$\sqrt{1350}$	$-\sqrt{15}$	-29	
(8, 7)	$\sqrt{228}$	$-\sqrt{54}$	$\sqrt{60}$	-2	
(7, 7)	$\sqrt{1292}$	$\sqrt{70}$	$-\sqrt{252}$	$\sqrt{420}$	
	D	(6, -2) (5, -5)	(6, -3) (5, -4)	(6, -4) (5, -3)	

	(6, 5) (5, 2)	(6, 6) (5, 1)	
	$\sqrt{288}$	$\sqrt{42}$	(11, -7)
	26	$\sqrt{336}$	-(10, -7)
	$\sqrt{132}$	$\sqrt{1232}$	(9, -7)
	$-\sqrt{33}$	$\sqrt{77}$	-(8, -7)
	$-\sqrt{385}$	$\sqrt{165}$	(7, -7)
	(6, -5) (5, -2)	(6, -6) (5, -1)	

$m = \pm 6$	D	(6, 1) (5, 5)	(6, 2) (5, 4)	(6, 3) (5, 3)	
(11, 6)	$\sqrt{1463}$	$\sqrt{44}$	$\sqrt{275}$	$\sqrt{550}$	
(10, 6)	$\sqrt{17765}$	$-\sqrt{2750}$	$-\sqrt{5390}$	$-\sqrt{495}$	
(9, 6)	$\sqrt{3570}$	$\sqrt{1125}$	$\sqrt{180}$	$-\sqrt{640}$	
(8, 6)	$\sqrt{228}$	$-\sqrt{72}$	$\sqrt{18}$	4	
(7, 6)	$\sqrt{9044}$	$\sqrt{1400}$	$-\sqrt{2366}$	$\sqrt{1008}$	
(6, 6)	$\sqrt{238}$	$-\sqrt{7}$	$\sqrt{28}$	$-\sqrt{56}$	
	D	(6, -1) (5, -5)	(6, -2) (5, -4)	(6, -3) (5, -3)	
$m = \pm 5$	D	(6, 4) (5, 2)	(6, 5) (5, 1)	(6, 6) (5, 0)	
(11, 5)	$\sqrt{24871}$	$\sqrt{440}$	$\sqrt{140}$	$\sqrt{14}$	(11, -6)
(10, 5)	$\sqrt{14212}$	$\sqrt{2816}$	$\sqrt{5054}$	$\sqrt{1260}$	-(10, -6)
(9, 5)	$\sqrt{12852}$	$-\sqrt{162}$	$\sqrt{693}$	$\sqrt{770}$	(9, -6)
(8, 5)	$\sqrt{6384}$	$-\sqrt{45}$	0	$\sqrt{77}$	-(8, -6)
(7, 5)	$\sqrt{117572}$	$\sqrt{35}$	$-\sqrt{1760}$	$\sqrt{2475}$	(7, -6)
(6, 5)	$\sqrt{952}$	$\sqrt{70}$	$-\sqrt{55}$	$\sqrt{22}$	-(6, -6)
	D	(6, -4) (5, -2)	(6, -5) (5, -1)	(6, -6) (5, 0)	
$m = \pm 5$	D	(6, 0) (5, 5)	(6, 1) (5, 4)	(6, 2) (5, 3)	(6, 3) (5, 2)
(11, 5)	$\sqrt{24871}$	$\sqrt{308}$	$\sqrt{2640}$	$\sqrt{7425}$	$\sqrt{8800}$
(10, 5)	$\sqrt{14212}$	$-\sqrt{1155}$	$-\sqrt{3971}$	$-\sqrt{1980}$	$\sqrt{330}$
(9, 5)	$\sqrt{12852}$	$\sqrt{2835}$	$\sqrt{2187}$	$-\sqrt{540}$	$-\sqrt{2250}$
(8, 5)	$\sqrt{6384}$	$-\sqrt{2016}$	0	$\sqrt{1176}$	-14
(7, 5)	$\sqrt{117572}$	$\sqrt{29400}$	$-\sqrt{17920}$	$-\sqrt{126}$	$\sqrt{17661}$
(6, 5)	$\sqrt{952}$	$-\sqrt{98}$	$\sqrt{210}$	$-\sqrt{168}$	$\sqrt{28}$
(5, 5)	$\sqrt{884}$	$\sqrt{15}$	$-\sqrt{63}$	$\sqrt{140}$	$-\sqrt{210}$
	D	(6, 0) (5, -5)	(6, -1) (5, -4)	(6, -2) (5, -3)	(6, -3) (5, -2)
$m = \pm 5$	D	(6, 4) (5, 1)	(6, 5) (5, 0)	(6, 6) (5, -1)	
(11, 5)	$\sqrt{24871}$	$\sqrt{4620}$	$\sqrt{1008}$	$\sqrt{70}$	(11, -5)
(10, 5)	$\sqrt{14212}$	$\sqrt{3773}$	$\sqrt{2625}$	$\sqrt{378}$	-(10, -5)
(9, 5)	$\sqrt{12852}$	$\sqrt{189}$	$\sqrt{3465}$	$\sqrt{1386}$	(9, -5)
(8, 5)	$\sqrt{6384}$	$-\sqrt{840}$	$\sqrt{616}$	$\sqrt{1540}$	-(8, -5)
(7, 5)	$\sqrt{117572}$	$-\sqrt{13690}$	$-\sqrt{1650}$	$\sqrt{37125}$	(7, -5)
(6, 5)	$\sqrt{952}$	$\sqrt{30}$	$\sqrt{198}$	$\sqrt{220}$	-(6, -5)
(5, 5)	$\sqrt{884}$	15	$-\sqrt{165}$	$\sqrt{66}$	(5, -5)
	D	(6, -4) (5, -1)	(6, -5) (5, 0)	(6, -6) (5, 1)	

$m = \pm 4$	D	(6, -1) (5, 5)	(6, 0) (5, 4)	(6, 1) (5, 3)	(6, 2) (5, 2)
(11, 4)	$\sqrt{7106}$	$\sqrt{33}$	$\sqrt{385}$	$\sqrt{1485}$	$\sqrt{2475}$
(10, 4)	$\sqrt{71060}$	$-\sqrt{2695}$	$-\sqrt{14784}$	$-\sqrt{16731}$	$-\sqrt{660}$
(9, 4)	$\sqrt{1020}$	$\sqrt{135}$	$\sqrt{252}$	$\sqrt{3}$	$-\sqrt{180}$
(8, 4)	$\sqrt{2964}$	$-\sqrt{756}$	$-\sqrt{180}$	$\sqrt{420}$	$\sqrt{63}$
(7, 4)	$\sqrt{117572}$	$\sqrt{34300}$	$-\sqrt{2940}$	$-\sqrt{11340}$	$\sqrt{15309}$
(6, 4)	$\sqrt{141372}$	$-\sqrt{27783}$	$\sqrt{26460}$	$-\sqrt{2835}$	$-\sqrt{6804}$
(5, 4)	$\sqrt{4420}$	$\sqrt{315}$	$-\sqrt{768}$	$\sqrt{847}$	$-\sqrt{420}$
(4, 4)	$\sqrt{1430}$	$-\sqrt{15}$	$\sqrt{63}$	$-\sqrt{147}$	$\sqrt{245}$
		(6, 1) (5, -5)	(6, 0) (5, -4)	(6, -1) (5, -3)	(6, -2) (5, -2)
		(6, 3) (5, 1)	(6, 4) (5, 0)	(6, 5) (5, -1)	(6, 6) (5, -2)
		$\sqrt{1925}$	$\sqrt{693}$	$\sqrt{105}$	$\sqrt{5}$
		$\sqrt{10395}$	$\sqrt{18480}$	$\sqrt{6727}$	$\sqrt{588}$
		$-\sqrt{35}$	$\sqrt{140}$	$\sqrt{231}$	$\sqrt{44}$
		-22	-4	$\sqrt{660}$	$\sqrt{385}$
		$\sqrt{108}$	$-\sqrt{19200}$	$\sqrt{5500}$	$\sqrt{28875}$
		$\sqrt{22707}$	$-\sqrt{8748}$	$-\sqrt{4455}$	$\sqrt{41580}$
		$\sqrt{15}$	$\sqrt{240}$	$-\sqrt{891}$	$\sqrt{924}$
		$-\sqrt{315}$	$\sqrt{315}$	$-\sqrt{231}$	$\sqrt{99}$
		(6, -3) (5, -1)	(6, -4) (5, 0)	(6, -5) (5, 1)	(6, -6) (5, 2)
$m = \pm 2$	D	(6, -2) (5, 5)	(6, -1) (5, 4)	(6, 0) (5, 3)	(6, 1) (5, 2)
(11, 3)	$\sqrt{7106}$	$\sqrt{11}$	$\sqrt{176}$	$\sqrt{924}$	$\sqrt{2112}$
(10, 3)	$\sqrt{213180}$	$-\sqrt{3300}$	$-\sqrt{27753}$	$-\sqrt{56133}$	$-\sqrt{19404}$
(9, 3)	$\sqrt{13230}$	30	$\sqrt{3249}$	$\sqrt{1029}$	$-\sqrt{972}$
(8, 3)	$\sqrt{14820}$	$-\sqrt{2520}$	$-\sqrt{2520}$	$\sqrt{480}$	$\sqrt{1890}$
(7, 3)	$\sqrt{1293292}$	$\sqrt{343000}$	$\sqrt{13720}$	$-\sqrt{211680}$	$\sqrt{17010}$
(6, 3)	$\sqrt{5236}$	$-\sqrt{1372}$	$\sqrt{343}$	$\sqrt{147}$	$-\sqrt{756}$
(5, 3)	$\sqrt{13260}$	$\sqrt{2100}$	$-\sqrt{2541}$	29	$\sqrt{28}$
(4, 3)	$\sqrt{1430}$	$-\sqrt{75}$	$\sqrt{192}$	$-\sqrt{252}$	14
(3, 3)	$\sqrt{429}$	$\sqrt{3}$	$-\sqrt{12}$	$\sqrt{28}$	-7
	D	(6, 2) (5, -5)	(6, 1) (5, -4)	(6, 0) (5, -3)	(6, -1) (5, -2)

$(6, 2)(5, 1)$	$(6, 3)(5, 0)$	$(6, 4)(5, -1)$	$(6, 5)(5, -2)$	$(6, 6)(5, -3)$		
$\sqrt{2310}$	$\sqrt{1232}$	$\sqrt{308}$	$\sqrt{32}$	1	$(11, -3)$	
$\sqrt{6930}$	$\sqrt{51975}$	$\sqrt{39039}$	$\sqrt{8214}$	$\sqrt{432}$	$-(10, -3)$	
$-\sqrt{1890}$	$\sqrt{175}$	$\sqrt{3087}$	$\sqrt{1782}$	$\sqrt{176}$	$(9, -3)$	
$-\sqrt{675}$	$-\sqrt{1690}$	$\sqrt{810}$	$\sqrt{3465}$	$\sqrt{770}$	$-(8, -3)$	
$\sqrt{128547}$	$-\sqrt{123210}$	$-\sqrt{42250}$	$\sqrt{240625}$	$\sqrt{173250}$	$(7, -3)$	
$\sqrt{270}$	11	-29	$\sqrt{154}$	$\sqrt{1232}$	$-(6, -3)$	
$-\sqrt{1210}$	$\sqrt{1875}$	$-\sqrt{507}$	$-\sqrt{462}$	$\sqrt{3696}$	$(5, -3)$	
$-\sqrt{70}$	0	$\sqrt{84}$	$-\sqrt{264}$	$\sqrt{297}$	$-(4, -3)$	
$\sqrt{70}$	$-\sqrt{84}$	$\sqrt{84}$	$-\sqrt{66}$	$\sqrt{33}$	$(3, -3)$	
$(6, -2)(5, -1)$	$(6, -3)(5, 0)$	$(6, -4)(5, 1)$	$(6, -5)(5, 2)$	$(6, -6)(5, 3)$		
$m = \pm 2$	D	$(6, -3)(5, 5)$	$(6, -2)(5, 4)$	$(6, -1)(5, 3)$	$(6, 0)(5, 2)$	$(6, 1)(5, 1)$
(11, 2)	$\sqrt{49742}$	$\sqrt{22}$	$\sqrt{495}$	$\sqrt{3564}$	$\sqrt{11088}$	$\sqrt{16632}$
(10, 2)	$\sqrt{461890}$	$-\sqrt{2475}$	$-\sqrt{31790}$	$-\sqrt{104742}$	$-\sqrt{88704}$	$-\sqrt{924}$
(9, 2)	$\sqrt{92820}$	$\sqrt{2700}$	$\sqrt{17280}$	$\sqrt{16854}$	$-\sqrt{168}$	$-\sqrt{16128}$
(8, 2)	$\sqrt{32604}$	$-\sqrt{3024}$	$-\sqrt{7560}$	$-\sqrt{168}$	$\sqrt{5046}$	12
(7, 2)	$\sqrt{1293292}$	$\sqrt{246960}$	$\sqrt{134456}$	$-\sqrt{123480}$	$-\sqrt{39690}$	$\sqrt{174960}$
(6, 2)	$\sqrt{2618}$	$-\sqrt{686}$	0	$\sqrt{343}$	-14	$-\sqrt{24}$
(5, 2)	$\sqrt{6630}$	$\sqrt{1575}$	$-\sqrt{630}$	$-\sqrt{14}$	$\sqrt{648}$	$-\sqrt{768}$
(4, 2)	$\sqrt{10010}$	$-\sqrt{1350}$	$\sqrt{1815}$	$-\sqrt{972}$	$\sqrt{84}$	$\sqrt{224}$
(3, 2)	$\sqrt{429}$	$\sqrt{18}$	$-\sqrt{45}$	8	$-\sqrt{63}$	$\sqrt{42}$
(2, 2)	$\sqrt{1001}$	$-\sqrt{5}$	$\sqrt{18}$	$-\sqrt{40}$	$\sqrt{70}$	$-\sqrt{105}$
	D	$(6, 3)(5, -5)$	$(6, 2)(5, -4)$	$(6, 1)(5, -3)$	$(6, 0)(5, -2)$	$(6, -1)(5, -1)$
$(6, 2)(5, 0)$	$(6, 3)(5, -1)$	$(6, 4)(5, -2)$	$(6, 5)(5, -3)$	$(6, 6)(5, -4)$		
$\sqrt{12474}$	$\sqrt{4620}$	$\sqrt{792}$	$\sqrt{54}$	1	$(11, -2)$	
$\sqrt{69300}$	$\sqrt{113190}$	$\sqrt{45056}$	$\sqrt{5547}$	$\sqrt{162}$	$-(10, -2)$	
$-\sqrt{2100}$	$\sqrt{11830}$	$\sqrt{20172}$	$\sqrt{5324}$	$\sqrt{264}$	$(9, -2)$	
$-\sqrt{5043}$	$-\sqrt{160}$	$\sqrt{6069}$	$\sqrt{4928}$	$\sqrt{462}$	$-(8, -2)$	
$-\sqrt{405}$	$-\sqrt{185856}$	$\sqrt{29435}$	$\sqrt{295680}$	$\sqrt{62370}$	$(7, -2)$	
$\sqrt{338}$	$-\sqrt{135}$	$-\sqrt{126}$	$\sqrt{462}$	$\sqrt{308}$	$-(6, -2)$	
10	$\sqrt{270}$	$-\sqrt{1008}$	$\sqrt{231}$	$\sqrt{1386}$	$(5, -2)$	
$-\sqrt{1050}$	$\sqrt{1260}$	$-\sqrt{384}$	$-\sqrt{198}$	$\sqrt{2673}$	$-(4, -2)$	
$-\sqrt{14}$	0	$\sqrt{18}$	$-\sqrt{66}$	$\sqrt{99}$	$(3, -2)$	
$\sqrt{140}$	$-\sqrt{168}$	$\sqrt{180}$	$-\sqrt{165}$	$\sqrt{110}$	$-(2, -2)$	
$(6, -2)(5, 0)$	$(6, -3)(5, 1)$	$(6, -4)(5, 2)$	$(6, -5)(5, 3)$	$(6, -6)(5, 4)$		

$m = \pm 1$	D	(6, -4)(5, 5)	(6, -3)(5, 4)	(6, -2)(5, 3)	(6, -1)(5, 2)	(6, 0)(5, 1)
(11, 1)	$\sqrt{646646}$	$\sqrt{66}$	$\sqrt{2200}$	$\sqrt{22275}$	$\sqrt{95040}$	$\sqrt{194040}$
(10, 1)	$\sqrt{923780}$	$-\sqrt{1375}$	$-\sqrt{27885}$	$-\sqrt{145530}$	$-\sqrt{228888}$	$-\sqrt{58212}$
(9, 1)	$\sqrt{1021020}$	$\sqrt{10125}$	$\sqrt{113535}$	$\sqrt{237630}$	$\sqrt{38088}$	$-\sqrt{99372}$
(8, 1)	$\sqrt{32604}$	-36	$-\sqrt{6912}$	$-\sqrt{2904}$	$\sqrt{2250}$	$\sqrt{2940}$
(7, 1)	$\sqrt{1293292}$	$\sqrt{137200}$	$\sqrt{263424}$	$-\sqrt{8232}$	$-\sqrt{168070}$	$\sqrt{50820}$
(6, 1)	$\sqrt{5236}$	$-\sqrt{1029}$	$-\sqrt{343}$	$\sqrt{686}$	0	$-\sqrt{560}$
(5, 1)	$\sqrt{13260}$	$\sqrt{3375}$	$-\sqrt{45}$	$-\sqrt{1210}$	$\sqrt{1536}$	-12
(4, 1)	$\sqrt{10010}$	$-\sqrt{2250}$	$\sqrt{1080}$	$-\sqrt{15}$	-22	$\sqrt{1176}$
(3, 1)	$\sqrt{429}$	$\sqrt{54}$	$-\sqrt{72}$	7	$-\sqrt{15}$	0
(2, 1)	$\sqrt{2002}$	$-\sqrt{75}$	13	$-\sqrt{242}$	$\sqrt{270}$	$-\sqrt{245}$
(1, 1)	$\sqrt{286}$	1	$-\sqrt{3}$	$\sqrt{6}$	$-\sqrt{10}$	$\sqrt{15}$
D		(6, 4)(5, -5)	(6, 3)(5, -4)	(6, 2)(5, -3)	(6, 1)(5, -2)	(6, 0)(5, -1)
(6, 1)(5, 0)	(6, 2)(5, -1)	(6, 3)(5, -2)	(6, 4)(5, -3)	(6, 5)(5, -4)	(6, 6)(5, -5)	
$\sqrt{199584}$	$\sqrt{103950}$	$\sqrt{26400}$	$\sqrt{2970}$	$\sqrt{120}$	1	(11, -1)
$\sqrt{41580}$	$\sqrt{221760}$	$\sqrt{160380}$	$\sqrt{35739}$	49	$\sqrt{30}$	-(10, -1)
$-\sqrt{121380}$	$\sqrt{20160}$	$\sqrt{228980}$	367	$\sqrt{16731}$	$\sqrt{330}$	(9, -1)
$-\sqrt{2100}$	$-\sqrt{3087}$	43	$\sqrt{7220}$	$\sqrt{1980}$	$\sqrt{66}$	-(8, -1)
$\sqrt{86700}$	-367	$-\sqrt{33327}$	$\sqrt{212940}$	$\sqrt{186340}$	$\sqrt{11550}$	(7, -1)
20	$\sqrt{48}$	$-\sqrt{756}$	$\sqrt{105}$	$\sqrt{1155}$	$\sqrt{154}$	-(6, -1)
$-\sqrt{560}$	$\sqrt{1680}$	$-\sqrt{540}$	$-\sqrt{507}$	$\sqrt{2673}$	$\sqrt{990}$	(5, -1)
$-\sqrt{840}$	$\sqrt{70}$	$\sqrt{360}$	$-\sqrt{1458}$	$\sqrt{792}$	$\sqrt{1485}$	-(4, -1)
$\sqrt{14}$	$-\sqrt{42}$	$\sqrt{54}$	$-\sqrt{30}$	0	$\sqrt{99}$	(3, -1)
$\sqrt{175}$	$-\sqrt{84}$	$\sqrt{12}$	$\sqrt{15}$	$-\sqrt{165}$	$\sqrt{550}$	-(2, -1)
$-\sqrt{21}$	$\sqrt{28}$	-6	$\sqrt{45}$	$-\sqrt{55}$	$\sqrt{66}$	(1, -1)
(6, -1)(5, 0)	(6, -2)(5, 1)	(6, -3)(5, 2)	(6, -4)(5, 3)	(6, -5)(5, 4)	(6, -6)(5, 5)	

$m=0$	D	(6, -5) (5, 5)	(6, -4) (5, 4)	(6, -3) (5, 3)	(6, -2) (5, 2)	(6, -1) (5, 1)
(11, 0)	$\sqrt{58786}$	1	$\sqrt{55}$	$\sqrt{825}$	$\sqrt{4950}$	$\sqrt{13860}$
(10, 0)	$\sqrt{16796}$	$-\sqrt{5}$	$-\sqrt{176}$	$-\sqrt{1485}$	$-\sqrt{3960}$	$-\sqrt{2772}$
(9, 0)	$\sqrt{204204}$	$\sqrt{495}$	$\sqrt{10404}$	$\sqrt{42135}$	$\sqrt{29160}$	$-\sqrt{2268}$
(8, 0)	$\sqrt{5434}$	$-\sqrt{66}$	$-\sqrt{750}$	$-\sqrt{1058}$	$\sqrt{3}$	$\sqrt{840}$
(7, 0)	$\sqrt{184756}$	$\sqrt{7700}$	$\sqrt{40460}$	$\sqrt{6804}$	$-\sqrt{23534}$	$-\sqrt{1280}$
(6, 0)	$\sqrt{2244}$	$-\sqrt{231}$	$-\sqrt{420}$	$\sqrt{63}$	$\sqrt{168}$	$-\sqrt{240}$
(5, 0)	$\sqrt{2652}$	$\sqrt{495}$	$\sqrt{24}$	$-\sqrt{375}$	$\sqrt{160}$	$\sqrt{112}$
(4, 0)	$\sqrt{2002}$	$-\sqrt{495}$	3	$\sqrt{135}$	$-\sqrt{250}$	$\sqrt{112}$
(3, 0)	$\sqrt{429}$	$\sqrt{99}$	$-\sqrt{45}$	$\sqrt{3}$	$\sqrt{8}$	$-\sqrt{35}$
(2, 0)	$\sqrt{2002}$	$-\sqrt{275}$	$\sqrt{320}$	$-\sqrt{243}$	$\sqrt{128}$	$-\sqrt{35}$
(1, 0)	$\sqrt{286}$	$\sqrt{11}$	$-\sqrt{20}$	$\sqrt{27}$	$-\sqrt{32}$	$\sqrt{35}$

(6, 0) (5, 0) (6, 1) (5, -1) (6, 2) (5, -2) (6, 3) (5, -3) (6, 4) (5, -4) (6, 5) (5, -5)

$\sqrt{19404}$	$\sqrt{13860}$	$\sqrt{4950}$	$\sqrt{825}$	$\sqrt{55}$	1
0	$\sqrt{2772}$	$\sqrt{3960}$	$\sqrt{1485}$	$\sqrt{176}$	$\sqrt{5}$
$-\sqrt{35280}$	$-\sqrt{2268}$	$\sqrt{29160}$	$\sqrt{42135}$	$\sqrt{10404}$	$\sqrt{495}$
0	$-\sqrt{840}$	$-\sqrt{3}$	$\sqrt{1058}$	$\sqrt{750}$	$\sqrt{66}$
$\sqrt{25200}$	$-\sqrt{1280}$	$-\sqrt{23534}$	$\sqrt{6804}$	$\sqrt{40460}$	$\sqrt{7700}$
0	$\sqrt{240}$	$-\sqrt{168}$	$-\sqrt{63}$	$\sqrt{420}$	$\sqrt{231}$
$-\sqrt{320}$	$\sqrt{112}$	$\sqrt{160}$	$-\sqrt{375}$	$\sqrt{24}$	$\sqrt{495}$
0	$-\sqrt{112}$	$\sqrt{250}$	$-\sqrt{135}$	-3	$\sqrt{495}$
7	$-\sqrt{35}$	$\sqrt{8}$	$\sqrt{3}$	$-\sqrt{45}$	$\sqrt{99}$
0	$\sqrt{35}$	$-\sqrt{128}$	$\sqrt{243}$	$-\sqrt{320}$	$\sqrt{275}$
-6	$\sqrt{35}$	$-\sqrt{32}$	$\sqrt{27}$	$-\sqrt{20}$	$\sqrt{11}$

 $j' = 11/2$ $j = 11/2$

$m = \pm 10$	D	$\left(\frac{11}{2}, \frac{9}{2}\right)\left(\frac{11}{2}, \frac{11}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)\left(\frac{11}{2}, \frac{9}{2}\right)$	
(11, 10)	$\sqrt{2}$	1	1	(11, -10)
(10, 10)	$\sqrt{2}$	-1	1	-(10, -10)
	D	$\left(\frac{11}{2}, -\frac{9}{2}\right)\left(\frac{11}{2}, -\frac{11}{2}\right)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)\left(\frac{11}{2}, -\frac{9}{2}\right)$	

$m = \pm 9$	D	$\left(\frac{11}{2}, \frac{7}{2}\right)\left(\frac{11}{2}, \frac{11}{2}\right)$	$\left(\frac{11}{2}, \frac{9}{2}\right)\left(\frac{11}{2}, \frac{9}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)\left(\frac{11}{2}, \frac{7}{2}\right)$	
(11, 9)	$\sqrt{21}$	$\sqrt{5}$	$\sqrt{11}$	$\sqrt{5}$	(11, -9)
(10, 9)	$\sqrt{2}$	-1	0	1	-(10, -9)
(9, 9)	$\sqrt{42}$	$\sqrt{11}$	$-\sqrt{20}$	$\sqrt{11}$	(9, -9)
	D	$\left(\frac{11}{2}, -\frac{7}{2}\right)\left(\frac{11}{2}, -\frac{11}{2}\right)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)\left(\frac{11}{2}, -\frac{9}{2}\right)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)\left(\frac{11}{2}, -\frac{7}{2}\right)$	
$m = \pm 8$	D	$\left(\frac{11}{2}, \frac{5}{2}\right)\left(\frac{11}{2}, \frac{11}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)\left(\frac{11}{2}, \frac{9}{2}\right)$		
(11, 8)	$\sqrt{28}$	$\sqrt{3}$	$\sqrt{11}$		
(10, 8)	$\sqrt{76}$	$-\sqrt{27}$	$-\sqrt{11}$		
(9, 8)	$\sqrt{28}$	$\sqrt{11}$	$-\sqrt{3}$		
(8, 8)	$\sqrt{76}$	$-\sqrt{11}$	$\sqrt{27}$		
	D	$\left(\frac{11}{2}, -\frac{5}{2}\right)\left(\frac{11}{2}, -\frac{11}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)\left(\frac{11}{2}, -\frac{9}{2}\right)$		
$m = \pm 7$	D	$\left(\frac{11}{2}, \frac{3}{2}\right)\left(\frac{11}{2}, \frac{11}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)\left(\frac{11}{2}, \frac{9}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)\left(\frac{11}{2}, \frac{7}{2}\right)$	
(11, 7)	$\sqrt{133}$	$\sqrt{6}$	$\sqrt{33}$	$\sqrt{55}$	
(10, 7)	$\sqrt{38}$	$-\sqrt{8}$	$-\sqrt{11}$	0	
(9, 7)	$\sqrt{238}$	$\sqrt{88}$	1	$-\sqrt{60}$	
(8, 7)	$\sqrt{38}$	$-\sqrt{11}$	$\sqrt{8}$	0	
(7, 7)	$\sqrt{646}$	$\sqrt{55}$	$-\sqrt{160}$	$\sqrt{216}$	
	D	$\left(\frac{11}{2}, -\frac{3}{2}\right)\left(\frac{11}{2}, -\frac{11}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)\left(\frac{11}{2}, -\frac{9}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)\left(\frac{11}{2}, -\frac{7}{2}\right)$	
$m = \pm 6$	D	$\left(\frac{11}{2}, \frac{9}{2}\right)\left(\frac{11}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)\left(\frac{11}{2}, \frac{3}{2}\right)$		
(11, 6)	$\sqrt{133}$	$\sqrt{33}$	$\sqrt{6}$	(11, -6)	
(10, 6)	$\sqrt{38}$	$\sqrt{11}$	$\sqrt{8}$	-(10, -6)	
(9, 6)	$\sqrt{238}$	1	$\sqrt{88}$	(9, -6)	
(8, 6)	$\sqrt{38}$	$-\sqrt{8}$	$\sqrt{11}$	-(8, -6)	
(7, 6)	$\sqrt{646}$	$-\sqrt{160}$	$\sqrt{55}$	(7, -6)	
	D	$\left(\frac{11}{2}, -\frac{9}{2}\right)\left(\frac{11}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)\left(\frac{11}{2}, -\frac{3}{2}\right)$		

$m = \pm 6$	D	$(\frac{11}{2}, \frac{1}{2})(\frac{11}{2}, \frac{11}{2})$	$(\frac{11}{2}, \frac{3}{2})(\frac{11}{2}, \frac{9}{2})$	$(\frac{11}{2}, \frac{5}{2})(\frac{11}{2}, \frac{7}{2})$	
(11, 6)	$\sqrt{798}$	$\sqrt{14}$	$\sqrt{110}$	$\sqrt{275}$	
(10, 6)	$\sqrt{646}$	$-\sqrt{70}$	$-\sqrt{198}$	$-\sqrt{55}$	
(9, 6)	$\sqrt{1428}$	$\sqrt{385}$	13	$-\sqrt{160}$	
(8, 6)	$\sqrt{228}$	$-\sqrt{77}$	$\sqrt{5}$	$\sqrt{32}$	
(7, 6)	$\sqrt{2584}$	$\sqrt{550}$	$-\sqrt{630}$	$\sqrt{112}$	
(6, 6)	$\sqrt{204}$	$-\sqrt{11}$	$\sqrt{35}$	$-\sqrt{56}$	
	D	$(\frac{11}{2}, -\frac{1}{2})(\frac{11}{2}, -\frac{11}{2})$	$(\frac{11}{2}, -\frac{3}{2})(\frac{11}{2}, -\frac{9}{2})$	$(\frac{11}{2}, -\frac{5}{2})(\frac{11}{2}, -\frac{7}{2})$	
		$(\frac{11}{2}, \frac{7}{2})(\frac{11}{2}, \frac{5}{2})$	$(\frac{11}{2}, \frac{9}{2})(\frac{11}{2}, \frac{3}{2})$	$(\frac{11}{2}, \frac{11}{2})(\frac{11}{2}, \frac{1}{2})$	
		$\sqrt{275}$	$\sqrt{110}$	$\sqrt{14}$	(11, -6)
		$\sqrt{55}$	$\sqrt{198}$	$\sqrt{70}$	-(10, -6)
		$-\sqrt{160}$	13	$\sqrt{385}$	(9, -6)
		$-\sqrt{32}$	$-\sqrt{5}$	$\sqrt{77}$	-(8, -6)
		$\sqrt{112}$	$-\sqrt{630}$	$\sqrt{550}$	(7, -6)
		$\sqrt{56}$	$-\sqrt{35}$	$\sqrt{11}$	-(6, -6)
		$(\frac{11}{2}, -\frac{7}{2})(\frac{11}{2}, -\frac{5}{2})$	$(\frac{11}{2}, -\frac{9}{2})(\frac{11}{2}, -\frac{3}{2})$	$(\frac{11}{2}, -\frac{11}{2})(\frac{11}{2}, -\frac{1}{2})$	
$m = \pm 5$	D	$(\frac{11}{2}, -\frac{1}{2})(\frac{11}{2}, \frac{11}{2})$	$(\frac{11}{2}, \frac{1}{2})(\frac{11}{2}, \frac{9}{2})$	$(\frac{11}{2}, \frac{3}{2})(\frac{11}{2}, \frac{7}{2})$	
(11, 5)	$\sqrt{2261}$	$\sqrt{14}$	$\sqrt{154}$	$\sqrt{550}$	
(10, 5)	$\sqrt{1292}$	$-\sqrt{63}$	$-\sqrt{308}$	$-\sqrt{275}$	
(9, 5)	$\sqrt{476}$	$\sqrt{77}$	$\sqrt{112}$	-1	
(8, 5)	$\sqrt{38}$	$-\sqrt{11}$	-1	$\sqrt{7}$	
(7, 5)	$\sqrt{8398}$	$\sqrt{2475}$	-25	$-\sqrt{343}$	
(6, 5)	$\sqrt{68}$	$-\sqrt{11}$	4	$-\sqrt{7}$	
(5, 5)	$\sqrt{884}$	$\sqrt{33}$	$-\sqrt{108}$	$\sqrt{189}$	
	D	$(\frac{11}{2}, \frac{1}{2})(\frac{11}{2}, -\frac{11}{2})$	$(\frac{11}{2}, -\frac{1}{2})(\frac{11}{2}, -\frac{9}{2})$	$(\frac{11}{2}, -\frac{3}{2})(\frac{11}{2}, -\frac{7}{2})$	
		$(\frac{11}{2}, \frac{5}{2})(\frac{11}{2}, \frac{5}{2})$	$(\frac{11}{2}, \frac{7}{2})(\frac{11}{2}, \frac{3}{2})$	$(\frac{11}{2}, \frac{11}{2})(\frac{11}{2}, -\frac{1}{2})$	
		$\sqrt{825}$	$\sqrt{550}$	$\sqrt{154}$	(11, -5)
		0	$\sqrt{275}$	$\sqrt{308}$	$\sqrt{63}$
		$-\sqrt{96}$	-1	$\sqrt{112}$	$\sqrt{77}$
		0	$-\sqrt{7}$	1	$\sqrt{11}$
		$\sqrt{1512}$	$-\sqrt{343}$	-25	$\sqrt{2475}$
		0	$\sqrt{7}$	-4	$\sqrt{11}$
		$-\sqrt{224}$	$\sqrt{189}$	$-\sqrt{108}$	$\sqrt{33}$
		$(\frac{11}{2}, -\frac{5}{2})(\frac{11}{2}, -\frac{5}{2})$	$(\frac{11}{2}, -\frac{7}{2})(\frac{11}{2}, -\frac{3}{2})$	$(\frac{11}{2}, -\frac{9}{2})(\frac{11}{2}, -\frac{1}{2})$	$(\frac{11}{2}, -\frac{11}{2})(\frac{11}{2}, \frac{5}{2})$

$m = \pm 4$	D	$\left(\frac{11}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)$
$(11, 4)$	$\sqrt{2584}$	$\sqrt{5}$	$\sqrt{77}$	$\sqrt{385}$	$\sqrt{825}$
$(10, 4)$	$\sqrt{2584}$	-7	$-\sqrt{385}$	$-\sqrt{693}$	$-\sqrt{165}$
$(9, 4)$	$\sqrt{136}$	$\sqrt{11}$	$\sqrt{35}$	$\sqrt{7}$	$-\sqrt{15}$
$(8, 4)$	$\sqrt{1976}$	$-\sqrt{385}$	-17	$\sqrt{125}$	$\sqrt{189}$
$(7, 4)$	$\sqrt{33592}$	$\sqrt{9625}$	5	$-\sqrt{5445}$	$\sqrt{1701}$
$(6, 4)$	$\sqrt{1496}$	$-\sqrt{385}$	13	$\sqrt{5}$	$-\sqrt{189}$
$(5, 4)$	$\sqrt{1768}$	$\sqrt{231}$	$-\sqrt{375}$	$\sqrt{243}$	$-\sqrt{35}$
$(4, 4)$	$\sqrt{1144}$	$-\sqrt{33}$	$\sqrt{105}$	$-\sqrt{189}$	$\sqrt{245}$
	D	$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)$
		$\left(\frac{11}{2}, -\frac{11}{2}\right)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)$
		$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\left(\frac{11}{2}, \frac{9}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)$
		$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)$
		$\sqrt{825}$	$\sqrt{385}$	$\sqrt{77}$	$\sqrt{5}$
		$\sqrt{165}$	$\sqrt{693}$	$\sqrt{385}$	7
		$-\sqrt{15}$	$\sqrt{7}$	$\sqrt{35}$	$\sqrt{11}$
		$-\sqrt{189}$	$-\sqrt{125}$	17	$\sqrt{385}$
		$\sqrt{1701}$	$-\sqrt{5445}$	5	$\sqrt{9625}$
		$\sqrt{189}$	$-\sqrt{5}$	-13	$\sqrt{385}$
		$-\sqrt{35}$	$\sqrt{243}$	$-\sqrt{375}$	$\sqrt{231}$
		$-\sqrt{245}$	$\sqrt{189}$	$-\sqrt{105}$	$\sqrt{33}$
		$\left(\frac{11}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)$
		$\left(\frac{11}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)$

$m = \pm 3$	D	$(\frac{11}{2}, -\frac{5}{2})$ $(\frac{11}{2}, \frac{11}{2})$	$(\frac{11}{2}, -\frac{3}{2})$ $(\frac{11}{2}, \frac{9}{2})$	$(\frac{11}{2}, -\frac{1}{2})$ $(\frac{11}{2}, \frac{7}{2})$	$(\frac{11}{2}, \frac{1}{2})$ $(\frac{11}{2}, \frac{5}{2})$
(11, 3)	$\sqrt{1938}$	1	$\sqrt{22}$	$\sqrt{154}$	$\sqrt{462}$
(10, 3)	$\sqrt{1292}$	$-\sqrt{8}$	$-\sqrt{99}$	$-\sqrt{308}$	$-\sqrt{231}$
(9, 3)	$\sqrt{2652}$	$\sqrt{88}$	23	$\sqrt{448}$	$-\sqrt{21}$
(8, 3)	$\sqrt{1482}$	$-\sqrt{154}$	$-\sqrt{343}$	-1	$\sqrt{243}$
(7, 3)	$\sqrt{92378}$	$\sqrt{19250}$	$\sqrt{7875}$	$-\sqrt{11045}$	$-\sqrt{1215}$
(6, 3)	$\sqrt{2244}$	$-\sqrt{616}$	$\sqrt{7}$	16	$-\sqrt{243}$
(5, 3)	$\sqrt{7956}$	$\sqrt{1848}$	$-\sqrt{1029}$	$\sqrt{12}$	23
(4, 3)	$\sqrt{286}$	$-\sqrt{33}$	$\sqrt{54}$	$-\sqrt{42}$	$\sqrt{14}$
(3, 3)	$\sqrt{1287}$	$\sqrt{33}$	$-\sqrt{96}$	$\sqrt{168}$	$-\sqrt{224}$
$m = -3$	D	$(\frac{11}{2}, \frac{5}{2})$ $(\frac{11}{2}, -\frac{11}{2})$	$(\frac{11}{2}, \frac{3}{2})$ $(\frac{11}{2}, -\frac{9}{2})$	$(\frac{11}{2}, \frac{1}{2})$ $(\frac{11}{2}, -\frac{7}{2})$	$(\frac{11}{2}, -\frac{1}{2})$ $(\frac{11}{2}, -\frac{5}{2})$
$(\frac{11}{2}, \frac{3}{2})$	$(\frac{11}{2}, \frac{5}{2})$	$(\frac{11}{2}, \frac{7}{2})$	$(\frac{11}{2}, \frac{9}{2})$	$(\frac{11}{2}, \frac{11}{2})$	
$(\frac{11}{2}, -\frac{3}{2})$	$(\frac{11}{2}, -\frac{1}{2})$	$(\frac{11}{2}, -\frac{1}{2})$	$(\frac{11}{2}, -\frac{3}{2})$	$(\frac{11}{2}, -\frac{5}{2})$	
$\sqrt{660}$	$\sqrt{462}$	$\sqrt{154}$	$\sqrt{22}$	1	(11, -3)
0	$\sqrt{231}$	$\sqrt{308}$	$\sqrt{99}$	$\sqrt{8}$	-(10, -3)
$-\sqrt{480}$	$-\sqrt{21}$	$\sqrt{448}$	23	$\sqrt{88}$	(9, -3)
0	$-\sqrt{243}$	1	$\sqrt{343}$	$\sqrt{154}$	-(8, -3)
$\sqrt{13608}$	$-\sqrt{1215}$	$-\sqrt{11045}$	$\sqrt{7875}$	$\sqrt{19250}$	(7, -3)
0	$\sqrt{243}$	-16	$-\sqrt{7}$	$\sqrt{616}$	-(6, -3)
$-\sqrt{1120}$	23	$\sqrt{12}$	$-\sqrt{1029}$	$\sqrt{1848}$	(5, -3)
0	$-\sqrt{14}$	$\sqrt{42}$	$-\sqrt{54}$	$\sqrt{33}$	-(4, -3)
$\sqrt{245}$	$-\sqrt{224}$	$\sqrt{168}$	$-\sqrt{96}$	$\sqrt{33}$	(3, -3)
$m = 3$	D	$(\frac{11}{2}, -\frac{3}{2})$ $(\frac{11}{2}, -\frac{3}{2})$	$(\frac{11}{2}, -\frac{5}{2})$ $(\frac{11}{2}, -\frac{1}{2})$	$(\frac{11}{2}, -\frac{7}{2})$ $(\frac{11}{2}, \frac{1}{2})$	$(\frac{11}{2}, -\frac{9}{2})$ $(\frac{11}{2}, \frac{3}{2})$
$(\frac{11}{2}, -\frac{3}{2})$	$(\frac{11}{2}, -\frac{5}{2})$	$(\frac{11}{2}, -\frac{7}{2})$	$(\frac{11}{2}, -\frac{9}{2})$	$(\frac{11}{2}, -\frac{11}{2})$	$(\frac{11}{2}, -\frac{5}{2})$

$m = \pm 2$	D	$\left(\frac{11}{2}, -\frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)$
		$\left(\frac{11}{2}, \frac{11}{2}\right)$	$\left(\frac{11}{2}, \frac{9}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)$
(11, 2)	$\sqrt{9044}$	1	$\sqrt{33}$	$\sqrt{330}$	$\sqrt{1386}$	$\sqrt{2772}$
(10, 2)	$\sqrt{16796}$	$-\sqrt{27}$	$-\sqrt{539}$	$-\sqrt{2750}$	$-\sqrt{4158}$	$-\sqrt{924}$
(9, 2)	$\sqrt{6188}$	$\sqrt{66}$	$\sqrt{722}$	$\sqrt{1445}$	$\sqrt{189}$	$-\sqrt{672}$
(8, 2)	$\sqrt{10868}$	$-\sqrt{462}$	$-\sqrt{2366}$	$-\sqrt{875}$	$\sqrt{867}$	$\sqrt{864}$
(7, 2)	$\sqrt{184756}$	$\sqrt{20790}$	$\sqrt{37030}$	$-\sqrt{2023}$	$-\sqrt{22815}$	$\sqrt{9720}$
(6, 2)	$\sqrt{748}$	$-\sqrt{154}$	$-\sqrt{42}$	$\sqrt{105}$	-1	$-\sqrt{72}$
(5, 2)	$\sqrt{2652}$	$\sqrt{693}$	$-\sqrt{21}$	$-\sqrt{210}$	$\sqrt{338}$	-8
(4, 2)	$\sqrt{4004}$	$-\sqrt{891}$	$\sqrt{507}$	$-\sqrt{30}$	$-\sqrt{126}$	$\sqrt{448}$
(3, 2)	$\sqrt{858}$	$\sqrt{99}$	$-\sqrt{147}$	$\sqrt{120}$	$-\sqrt{56}$	$\sqrt{7}$
(2, 2)	$\sqrt{2002}$	$-\sqrt{55}$	$\sqrt{135}$	$-\sqrt{216}$	$\sqrt{280}$	$-\sqrt{315}$
	D	$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)$
		$\left(\frac{11}{2}, -\frac{11}{2}\right)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)$
$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\left(\frac{11}{2}, \frac{9}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)$		
$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)$		
$\sqrt{2772}$	$\sqrt{1386}$	$\sqrt{330}$	$\sqrt{33}$	1		(11, -2)
$\sqrt{924}$	$\sqrt{4158}$	$\sqrt{19250}$	$\sqrt{539}$	$\sqrt{27}$		-(10, -2)
$-\sqrt{672}$	$\sqrt{189}$	$\sqrt{1445}$	$\sqrt{722}$	$\sqrt{66}$		(9, -2)
$-\sqrt{864}$	$-\sqrt{867}$	$\sqrt{875}$	$\sqrt{2366}$	$\sqrt{462}$		-(8, -2)
$\sqrt{9720}$	$-\sqrt{22815}$	$-\sqrt{2023}$	$\sqrt{37030}$	$\sqrt{20790}$		(7, -2)
$\sqrt{72}$	1	$-\sqrt{105}$	$\sqrt{42}$	$\sqrt{154}$		-(6, -2)
-8	$\sqrt{338}$	$-\sqrt{210}$	$-\sqrt{21}$	$\sqrt{693}$		(5, -2)
$-\sqrt{448}$	$\sqrt{126}$	$\sqrt{30}$	$-\sqrt{507}$	$\sqrt{891}$		-(4, -2)
$\sqrt{7}$	$-\sqrt{56}$	$\sqrt{120}$	$-\sqrt{147}$	$\sqrt{99}$		(3, -2)
$\sqrt{315}$	$-\sqrt{280}$	$\sqrt{216}$	$-\sqrt{135}$	$\sqrt{55}$		-(2, -2)
		$\left(\frac{11}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)$
		$\left(\frac{11}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)$

$m = \pm 1$	D	$\left(\frac{11}{2}, -\frac{9}{2}\right)$ $\left(\frac{11}{2}, \frac{11}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)$ $\left(\frac{11}{2}, \frac{9}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)$ $\left(\frac{11}{2}, \frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)$ $\left(\frac{11}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)$ $\left(\frac{11}{2}, \frac{3}{2}\right)$
(11, 1)	$\sqrt{58786}$	1	$\sqrt{55}$	$\sqrt{825}$	$\sqrt{4950}$	$\sqrt{13860}$
(10, 1)	$\sqrt{16796}$	$-\sqrt{5}$	$-\sqrt{176}$	$-\sqrt{1485}$	$-\sqrt{3960}$	$-\sqrt{2772}$
(9, 1)	$\sqrt{68068}$	$\sqrt{165}$	$\sqrt{3468}$	$\sqrt{14045}$	$\sqrt{9720}$	$-\sqrt{756}$
(8, 1)	$\sqrt{5434}$	$-\sqrt{66}$	$-\sqrt{750}$	$-\sqrt{1058}$	$\sqrt{3}$	$\sqrt{840}$
(7, 1)	$\sqrt{92378}$	$\sqrt{3850}$	$\sqrt{20230}$	$\sqrt{3402}$	$-\sqrt{11767}$	$-\sqrt{640}$
(6, 1)	$\sqrt{748}$	$-\sqrt{77}$	$-\sqrt{140}$	$\sqrt{21}$	$\sqrt{56}$	$-\sqrt{80}$
(5, 1)	$\sqrt{2652}$	$\sqrt{495}$	12	$-\sqrt{375}$	$\sqrt{40}$	$\sqrt{112}$
(4, 1)	$\sqrt{2002}$	$-\sqrt{495}$	3	$\sqrt{135}$	$-\sqrt{250}$	$\sqrt{112}$
(3, 1)	$\sqrt{429}$	$\sqrt{99}$	$-\sqrt{45}$	$\sqrt{3}$	$\sqrt{8}$	$-\sqrt{35}$
(2, 1)	$\sqrt{2002}$	$-\sqrt{275}$	$\sqrt{320}$	$-\sqrt{243}$	$\sqrt{128}$	$-\sqrt{35}$
(1, 1)	$\sqrt{286}$	$\sqrt{11}$	$-\sqrt{20}$	$\sqrt{27}$	$-\sqrt{32}$	$\sqrt{35}$
	D	$\left(\frac{11}{2}, \frac{9}{2}\right)$ $\left(\frac{11}{2}, -\frac{11}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)$ $\left(\frac{11}{2}, -\frac{9}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)$ $\left(\frac{11}{2}, -\frac{7}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)$ $\left(\frac{11}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)$ $\left(\frac{11}{2}, -\frac{3}{2}\right)$
$\left(\frac{11}{2}, \frac{1}{2}\right)$ $\left(\frac{11}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)$ $\left(\frac{11}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)$ $\left(\frac{11}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)$ $\left(\frac{11}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{9}{2}\right)$ $\left(\frac{11}{2}, -\frac{7}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)$ $\left(\frac{11}{2}, -\frac{9}{2}\right)$	
$\sqrt{19404}$	$\sqrt{13860}$	$\sqrt{4950}$	$\sqrt{825}$	$\sqrt{55}$	1	(11, -1)
0	$\sqrt{2772}$	$\sqrt{3960}$	$\sqrt{1485}$	$\sqrt{176}$	$\sqrt{5}$	(-10, -1)
$-\sqrt{11760}$	$-\sqrt{756}$	$\sqrt{9720}$	$\sqrt{14045}$	$\sqrt{3468}$	$\sqrt{165}$	(9, -1)
0	$-\sqrt{840}$	$-\sqrt{3}$	$\sqrt{1058}$	$\sqrt{750}$	$\sqrt{66}$	(8, -1)
$\sqrt{12600}$	$-\sqrt{640}$	$-\sqrt{11767}$	$\sqrt{3402}$	$\sqrt{20230}$	$\sqrt{3850}$	(7, -1)
0	$\sqrt{80}$	$-\sqrt{56}$	$-\sqrt{21}$	$\sqrt{140}$	$\sqrt{77}$	(6, -1)
$-\sqrt{320}$	$\sqrt{112}$	$\sqrt{40}$	$-\sqrt{375}$	12	$\sqrt{495}$	(5, -1)
0	$-\sqrt{112}$	$\sqrt{250}$	$-\sqrt{135}$	-3	$\sqrt{495}$	(4, -1)
7	$-\sqrt{35}$	$\sqrt{8}$	$\sqrt{3}$	$-\sqrt{45}$	$\sqrt{99}$	(3, -1)
0	$\sqrt{35}$	$-\sqrt{128}$	$\sqrt{243}$	$-\sqrt{320}$	$\sqrt{275}$	(2, -1)
-6	$\sqrt{35}$	$-\sqrt{32}$	$\sqrt{27}$	$-\sqrt{20}$	$\sqrt{11}$	(1, -1)
$\left(\frac{11}{2}, -\frac{1}{2}\right)$ $\left(\frac{11}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)$ $\left(\frac{11}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)$ $\left(\frac{11}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)$ $\left(\frac{11}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)$ $\left(\frac{11}{2}, \frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)$ $\left(\frac{11}{2}, \frac{9}{2}\right)$	

$m=0$	D	$\left(\frac{11}{2}, -\frac{11}{2}\right)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)$
$(11, 0)$	$\sqrt{705432}$	1	11	55	165	330
$(10, 0)$	$\sqrt{33592}$	-1	-9	-35	-75	-90
$(9, 0)$	$\sqrt{408408}$	11	79	227	303	102
$(8, 0)$	$\sqrt{65208}$	-11	-61	-119	-65	74
$(7, 0)$	$\sqrt{369512}$	55	225	251	-83	-204
$(6, 0)$	$\sqrt{4488}$	-11	-31	-11	25	-4
$(5, 0)$	$\sqrt{15912}$	33	57	-21	-29	44
$(4, 0)$	$\sqrt{8008}$	-33	-27	33	-13	-12
$(3, 0)$	$\sqrt{5148}$	33	3	-21	25	-19
$(2, 0)$	$\sqrt{12012}$	-55	25	-1	-17	29
$(1, 0)$	$\sqrt{572}$	11	-9	7	-5	3
$(0, 0)$	$\sqrt{12}$	-1	1	-1	1	-1

$\left(\frac{11}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\left(\frac{11}{2}, \frac{9}{2}\right)$	$\left(\frac{11}{2}, \frac{11}{2}\right)$
$\left(\frac{11}{2}, \frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{1}{2}\right)$	$\left(\frac{11}{2}, -\frac{3}{2}\right)$	$\left(\frac{11}{2}, -\frac{5}{2}\right)$	$\left(\frac{11}{2}, -\frac{7}{2}\right)$	$\left(\frac{11}{2}, -\frac{9}{2}\right)$	$\left(\frac{11}{2}, -\frac{11}{2}\right)$
462	462	330	165	55	11	1
-42	42	90	75	35	9	1
-210	-210	102	303	227	79	11
70	-70	-74	65	119	61	11
140	140	-204	-83	251	225	55
-20	20	4	-25	11	31	11
-20	-20	44	-29	-21	57	33
28	-28	12	13	-33	27	33
7	7	-19	25	-21	3	33
-35	35	-29	17	1	-25	55
-1	-1	3	-5	7	-9	11
1	-1	1	-1	1	-1	1

$j' = \mathbf{11/2}$	$j = \mathbf{6}$			
$m = \pm \frac{21}{2}$	D	$(6, 5)\left(\frac{11}{2}, \frac{11}{2}\right)$	$(6, 6)\left(\frac{11}{2}, \frac{9}{2}\right)$	
$\left(\frac{23}{2}, \frac{21}{2}\right)$	$\sqrt{23}$	$\sqrt{12}$	$\sqrt{11}$	$\left(\frac{23}{2}, -\frac{21}{2}\right)$
$\left(\frac{21}{2}, \frac{21}{2}\right)$	$\sqrt{23}$	$-\sqrt{11}$	$\sqrt{12}$	$-\left(\frac{21}{2}, -\frac{21}{2}\right)$
	D	$(6, -5)\left(\frac{11}{2}, -\frac{11}{2}\right)$	$(6, -6)\left(\frac{11}{2}, -\frac{9}{2}\right)$	
$m = \pm \frac{19}{2}$	D	$(6, 4)\left(\frac{11}{2}, \frac{11}{2}\right)$	$(6, 5)\left(\frac{11}{2}, \frac{9}{2}\right)$	$(6, 6)\left(\frac{11}{2}, \frac{7}{2}\right)$
$\left(\frac{23}{2}, \frac{19}{2}\right)$	$\sqrt{23}$	$\sqrt{6}$	$\sqrt{12}$	$\sqrt{5}$
$\left(\frac{21}{2}, \frac{19}{2}\right)$	$\sqrt{483}$	$-\sqrt{242}$	1	$\sqrt{240}$
$\left(\frac{19}{2}, \frac{19}{2}\right)$	$\sqrt{21}$	$\sqrt{5}$	$-\sqrt{10}$	$\sqrt{6}$
	D	$(6, -4)\left(\frac{11}{2}, -\frac{11}{2}\right)$	$(6, -5)\left(\frac{11}{2}, -\frac{9}{2}\right)$	$(6, -6)\left(\frac{11}{2}, -\frac{7}{2}\right)$
$m = \pm \frac{17}{2}$	D	$(6, 3)\left(\frac{11}{2}, \frac{11}{2}\right)$	$(6, 4)\left(\frac{11}{2}, \frac{9}{2}\right)$.
$\left(\frac{23}{2}, \frac{17}{2}\right)$	$\sqrt{161}$	$\sqrt{20}$	$\sqrt{66}$	
$\left(\frac{21}{2}, \frac{17}{2}\right)$	$\sqrt{966}$	$-\sqrt{363}$	$-\sqrt{110}$	
$\left(\frac{19}{2}, \frac{17}{2}\right)$	$\sqrt{399}$	$\sqrt{150}$	$-\sqrt{55}$	
$\left(\frac{17}{2}, \frac{17}{2}\right)$	$\sqrt{266}$	$-\sqrt{33}$	$\sqrt{90}$	
	D	$(6, -3)\left(\frac{11}{2}, -\frac{11}{2}\right)$	$(6, -4)\left(\frac{11}{2}, -\frac{9}{2}\right)$	
		$(6, 5)\left(\frac{11}{2}, \frac{7}{2}\right)$	$(6, 6)\left(\frac{11}{2}, \frac{5}{2}\right)$	
		$\sqrt{60}$	$\sqrt{15}$	$\left(\frac{23}{2}, -\frac{17}{2}\right)$
		13	$\sqrt{324}$	$-\left(\frac{21}{2}, -\frac{17}{2}\right)$
		$-\sqrt{32}$	$\sqrt{162}$	$\left(\frac{19}{2}, -\frac{17}{2}\right)$
		$-\sqrt{99}$	$\sqrt{44}$	$-\left(\frac{17}{2}, -\frac{17}{2}\right)$
		$(6, -5)\left(\frac{11}{2}, -\frac{7}{2}\right)$	$(6, -6)\left(\frac{11}{2}, -\frac{5}{2}\right)$	

$m = \pm \frac{15}{2}$	D	$(6, 2)\left(\frac{11}{2}, \frac{11}{2}\right)$	$(6, 3)\left(\frac{11}{2}, \frac{9}{2}\right)$	$(6, 4)\left(\frac{11}{2}, \frac{7}{2}\right)$
$\left(\frac{23}{2}, \frac{15}{2}\right)$	$\sqrt{161}$	3	$\sqrt{44}$	$\sqrt{66}$
$\left(\frac{21}{2}, \frac{15}{2}\right)$	$\sqrt{6118}$	$-\sqrt{1452}$	$-\sqrt{1617}$	$\sqrt{22}$
$\left(\frac{19}{2}, \frac{15}{2}\right)$	$\sqrt{133}$	$\sqrt{50}$	0	$-\sqrt{33}$
$\left(\frac{17}{2}, \frac{15}{2}\right)$	$\sqrt{4522}$	$-\sqrt{1188}$	$\sqrt{1083}$	$-\sqrt{18}$
$\left(\frac{15}{2}, \frac{15}{2}\right)$	$\sqrt{323}$	$\sqrt{22}$	$-\sqrt{72}$	$\sqrt{108}$
	D	$(6, -2)\left(\frac{11}{2}, -\frac{11}{2}\right)$	$(6, -3)\left(\frac{11}{2}, -\frac{9}{2}\right)$	$(6, -4)\left(\frac{11}{2}, -\frac{7}{2}\right)$
$m = \pm \frac{13}{2}$	D	$(6, 5)\left(\frac{11}{2}, \frac{5}{2}\right)$	$(6, 6)\left(\frac{11}{2}, \frac{3}{2}\right)$	
$\left(\frac{23}{2}, -\frac{15}{2}\right)$	6		$\sqrt{6}$	$\left(\frac{23}{2}, -\frac{15}{2}\right)$
		$\sqrt{1875}$	$\sqrt{1152}$	$-\left(\frac{21}{2}, -\frac{15}{2}\right)$
		$\sqrt{2}$	$\sqrt{48}$	$\left(\frac{19}{2}, -\frac{15}{2}\right)$
		$-\sqrt{825}$	$\sqrt{1408}$	$-\left(\frac{17}{2}, -\frac{15}{2}\right)$
		$-\sqrt{88}$	$\sqrt{33}$	$\left(\frac{15}{2}, -\frac{15}{2}\right)$
		$(6, -5)\left(\frac{11}{2}, -\frac{5}{2}\right)$	$(6, -6)\left(\frac{11}{2}, -\frac{3}{2}\right)$	
	D	$(6, -1)\left(\frac{11}{2}, -\frac{11}{2}\right)$	$(6, -2)\left(\frac{11}{2}, -\frac{9}{2}\right)$	$(6, -3)\left(\frac{11}{2}, -\frac{7}{2}\right)$

$(6, 4)\left(\frac{11}{2}, \frac{5}{2}\right)$	$(6, 5)\left(\frac{11}{2}, \frac{3}{2}\right)$	$(6, 6)\left(\frac{11}{2}, \frac{1}{2}\right)$	
$\sqrt{990}$	$\sqrt{360}$	$\sqrt{42}$	$\left(\frac{23}{2}, -\frac{13}{2}\right)$
$\sqrt{1078}$	$\sqrt{2738}$	$\sqrt{840}$	$-\left(\frac{21}{2}, -\frac{13}{2}\right)$
$-\sqrt{539}$	32	$\sqrt{1680}$	$\left(\frac{19}{2}, -\frac{13}{2}\right)$
$-\sqrt{768}$	$-\sqrt{33}$	$\sqrt{1540}$	$-\left(\frac{17}{2}, -\frac{13}{2}\right)$
$\sqrt{20}$	$-\sqrt{220}$	$\sqrt{231}$	$\left(\frac{15}{2}, -\frac{13}{2}\right)$
$\sqrt{560}$	$-\sqrt{385}$	$\sqrt{132}$	$-\left(\frac{13}{2}, -\frac{13}{2}\right)$
$(6, -4)\left(\frac{11}{2}, -\frac{5}{2}\right)$	$(6, -5)\left(\frac{11}{2}, -\frac{3}{2}\right)$	$(6, -6)\left(\frac{11}{2}, -\frac{1}{2}\right)$	

 $m = \pm \frac{11}{2}$

	D	$(6, 0)\left(\frac{11}{2}, \frac{11}{2}\right)$	$(6, 1)\left(\frac{11}{2}, \frac{9}{2}\right)$	$(6, 2)\left(\frac{11}{2}, \frac{7}{2}\right)$	
$\left(\frac{23}{2}, \frac{11}{2}\right)$	$\sqrt{3059}$	$\sqrt{28}$	$\sqrt{264}$	$\sqrt{825}$	
$\left(\frac{21}{2}, \frac{11}{2}\right)$	$\sqrt{468027}$	$-\sqrt{30492}$	$-\sqrt{122034}$	$-\sqrt{82500}$	
$\left(\frac{19}{2}, \frac{11}{2}\right)$	$\sqrt{13566}$	$\sqrt{2625}$	$\sqrt{2750}$	$-\sqrt{220}$	
$\left(\frac{17}{2}, \frac{11}{2}\right)$	$\sqrt{4522}$	$-\sqrt{1386}$	$-\sqrt{27}$	$\sqrt{864}$	
$\left(\frac{15}{2}, \frac{11}{2}\right)$	$\sqrt{969}$	$\sqrt{264}$	$-\sqrt{112}$	$-\sqrt{14}$	
$\left(\frac{13}{2}, \frac{11}{2}\right)$	$\sqrt{25194}$	$-\sqrt{3234}$	$\sqrt{5887}$	$-\sqrt{3584}$	
$\left(\frac{11}{2}, \frac{11}{2}\right)$	$\sqrt{442}$	$\sqrt{11}$	$-\sqrt{42}$	$\sqrt{84}$	
	D	$(6, 0)\left(\frac{11}{2}, -\frac{11}{2}\right)$	$(6, -1)\left(\frac{11}{2}, -\frac{9}{2}\right)$	$(6, -2)\left(\frac{11}{2}, -\frac{7}{2}\right)$	

$(6, 3)\left(\frac{11}{2}, \frac{5}{2}\right)$	$(6, 4)\left(\frac{11}{2}, \frac{3}{2}\right)$	$(6, 5)\left(\frac{11}{2}, \frac{1}{2}\right)$	$(6, 6)\left(\frac{11}{2}, -\frac{1}{2}\right)$	
$\sqrt{1100}$	$\sqrt{660}$	$\sqrt{168}$	$\sqrt{14}$	$\left(\frac{23}{2}, -\frac{11}{2}\right)$
$\sqrt{2475}$	$\sqrt{111540}$	$\sqrt{100842}$	$\sqrt{18144}$	$-\left(\frac{21}{2}, -\frac{11}{2}\right)$
$-\sqrt{2640}$	$\sqrt{11}$	$\sqrt{3430}$	$\sqrt{1890}$	$\left(\frac{19}{2}, -\frac{11}{2}\right)$
$-\sqrt{32}$	$-\sqrt{750}$	$\sqrt{231}$	$\sqrt{1232}$	$-\left(\frac{17}{2}, -\frac{11}{2}\right)$
$\sqrt{168}$	$-\sqrt{70}$	$-\sqrt{44}$	$\sqrt{297}$	$\left(\frac{15}{2}, -\frac{11}{2}\right)$
$\sqrt{168}$	$\sqrt{1750}$	$-\sqrt{5819}$	$\sqrt{4752}$	$-\left(\frac{13}{2}, -\frac{11}{2}\right)$
$-\sqrt{112}$	$\sqrt{105}$	$-\sqrt{66}$	$\sqrt{22}$	$\left(\frac{11}{2}, -\frac{11}{2}\right)$
$(6, -3)\left(\frac{11}{2}, -\frac{5}{2}\right)$	$(6, -4)\left(\frac{11}{2}, -\frac{3}{2}\right)$	$(6, -5)\left(\frac{11}{2}, -\frac{1}{2}\right)$	$(6, -6)\left(\frac{11}{2}, \frac{1}{2}\right)$	

$$m = \pm \frac{9}{2}$$

	D	$(6, -1)\left(\frac{11}{2}, \frac{11}{2}\right)$	$(6, 0)\left(\frac{11}{2}, \frac{9}{2}\right)$	$(6, 1)\left(\frac{11}{2}, \frac{7}{2}\right)$	$(6, 2)\left(\frac{11}{2}, \frac{5}{2}\right)$
$\left(\frac{23}{2}, \frac{9}{2}\right)$	$\sqrt{7429}$	$\sqrt{24}$	$\sqrt{308}$	$\sqrt{1320}$	$\sqrt{2475}$
$\left(\frac{21}{2}, \frac{9}{2}\right)$	$\sqrt{208012}$	$-\sqrt{5929}$	$-\sqrt{37422}$	$-\sqrt{52855}$	$-\sqrt{6600}$
$\left(\frac{19}{2}, \frac{9}{2}\right)$	$\sqrt{4522}$	$\sqrt{490}$	$\sqrt{1155}$	$\sqrt{88}$	$-\sqrt{660}$
$\left(\frac{17}{2}, \frac{9}{2}\right)$	$\sqrt{1292}$	$-\sqrt{297}$	$-\sqrt{126}$	$\sqrt{135}$	$\sqrt{72}$
$\left(\frac{15}{2}, \frac{9}{2}\right)$	$\sqrt{4199}$	$\sqrt{1232}$	$-\sqrt{24}$	$-\sqrt{560}$	$\sqrt{378}$
$\left(\frac{13}{2}, \frac{9}{2}\right)$	$\sqrt{16796}$	$-\sqrt{3773}$	$\sqrt{2646}$	$-\sqrt{35}$	$-\sqrt{1512}$
$\left(\frac{11}{2}, \frac{9}{2}\right)$	$\sqrt{4862}$	$\sqrt{462}$	-31	$\sqrt{840}$	$-\sqrt{252}$
$\left(\frac{9}{2}, \frac{9}{2}\right)$	$\sqrt{9724}$	$-\sqrt{165}$	$\sqrt{630}$	$-\sqrt{1323}$	$\sqrt{1960}$
	D	$(6, 1)\left(\frac{11}{2}, -\frac{11}{2}\right)$	$(6, 0)\left(\frac{11}{2}, -\frac{9}{2}\right)$	$(6, -1)\left(\frac{11}{2}, -\frac{7}{2}\right)$	$(6, -2)\left(\frac{11}{2}, -\frac{5}{2}\right)$

$(6, 3)\left(\frac{11}{2}, \frac{3}{2}\right)$	$(6, 4)\left(\frac{11}{2}, \frac{1}{2}\right)$	$(6, 5)\left(\frac{11}{2}, -\frac{1}{2}\right)$	$(6, 6)\left(\frac{11}{2}, -\frac{3}{2}\right)$	
$\sqrt{2200}$	$\sqrt{924}$	$\sqrt{168}$	$\sqrt{10}$	$\left(\frac{23}{2}, -\frac{9}{2}\right)$
$\sqrt{20625}$	$\sqrt{55594}$	$\sqrt{26047}$	$\sqrt{2940}$	$-\left(\frac{21}{2}, -\frac{9}{2}\right)$
$-\sqrt{330}$	$\sqrt{385}$	$\sqrt{1120}$	$\sqrt{294}$	$\left(\frac{19}{2}, -\frac{9}{2}\right)$
-13	$-\sqrt{42}$	$\sqrt{231}$	$\sqrt{220}$	$-\left(\frac{17}{2}, -\frac{9}{2}\right)$
$\sqrt{84}$	$-\sqrt{722}$	$\sqrt{44}$	$\sqrt{1155}$	$\left(\frac{15}{2}, -\frac{9}{2}\right)$
$\sqrt{2541}$	$-\sqrt{338}$	$-\sqrt{1331}$	$\sqrt{4620}$	$-\left(\frac{13}{2}, -\frac{9}{2}\right)$
$-\sqrt{14}$	$\sqrt{507}$	$-\sqrt{1056}$	$\sqrt{770}$	$\left(\frac{11}{2}, -\frac{9}{2}\right)$
$-\sqrt{2205}$	$\sqrt{1890}$	$-\sqrt{1155}$	$\sqrt{396}$	$-\left(\frac{9}{2}, -\frac{9}{2}\right)$
	$(6, -3)\left(\frac{11}{2}, -\frac{3}{2}\right)$	$(6, -4)\left(\frac{11}{2}, -\frac{1}{2}\right)$	$(6, -5)\left(\frac{11}{2}, \frac{1}{2}\right)$	$(6, -6)\left(\frac{11}{2}, \frac{3}{2}\right)$

$$m = \pm \frac{7}{2}$$

D	$(6, -2)\left(\frac{11}{2}, \frac{11}{2}\right)$	$(6, -1)\left(\frac{11}{2}, \frac{9}{2}\right)$	$(6, 0)\left(\frac{11}{2}, \frac{7}{2}\right)$	$(6, 1)\left(\frac{11}{2}, \frac{5}{2}\right)$	
$\left(\frac{23}{2}, \frac{7}{2}\right)$	$\sqrt{14858}$	$\sqrt{15}$	$\sqrt{264}$	$\sqrt{1540}$	$\sqrt{3960}$
$\left(\frac{21}{2}, \frac{7}{2}\right)$	$\sqrt{89148}$	$-\sqrt{968}$	$-\sqrt{9295}$	$-\sqrt{22638}$	$-\sqrt{11913}$
$\left(\frac{19}{2}, \frac{7}{2}\right)$	$\sqrt{1938}$	10	$\sqrt{440}$	$\sqrt{231}$	$-\sqrt{66}$
$\left(\frac{17}{2}, \frac{7}{2}\right)$	$\sqrt{16796}$	$-\sqrt{2376}$	$-\sqrt{3375}$	$\sqrt{126}$	51
$\left(\frac{15}{2}, \frac{7}{2}\right)$	$\sqrt{12597}$	$\sqrt{3080}$	$\sqrt{448}$	$-\sqrt{1920}$	0
$\left(\frac{13}{2}, \frac{7}{2}\right)$	$\sqrt{1662804}$	$-\sqrt{452760}$	$\sqrt{50421}$	$\sqrt{110250}$	$-\sqrt{229635}$
$\left(\frac{11}{2}, \frac{7}{2}\right)$	$\sqrt{14586}$	$\sqrt{2772}$	$-\sqrt{2520}$	$\sqrt{363}$	$\sqrt{378}$
$\left(\frac{9}{2}, \frac{7}{2}\right)$	$\sqrt{87516}$	$-\sqrt{6600}$	$\sqrt{14415}$	$-\sqrt{15246}$	91
$\left(\frac{7}{2}, \frac{7}{2}\right)$	$\sqrt{2574}$	$\sqrt{33}$	$-\sqrt{120}$	$\sqrt{252}$	$-\sqrt{392}$
D	$(6, 2)\left(\frac{11}{2}, -\frac{11}{2}\right)$	$(6, 1)\left(\frac{11}{2}, -\frac{9}{2}\right)$	$(6, 0)\left(\frac{11}{2}, -\frac{7}{2}\right)$	$(6, -1)\left(\frac{11}{2}, -\frac{5}{2}\right)$	

$(6, 2)\left(\frac{11}{2}, \frac{3}{2}\right)$	$(6, 3)\left(\frac{11}{2}, \frac{1}{2}\right)$	$(6, 4)\left(\frac{11}{2}, -\frac{1}{2}\right)$	$(6, 5)\left(\frac{11}{2}, -\frac{3}{2}\right)$	$(6, 6)\left(\frac{11}{2}, -\frac{5}{2}\right)$	$\left(\frac{23}{2}, -\frac{7}{2}\right)$
$\sqrt{4950}$	$\sqrt{3080}$	$\sqrt{924}$	$\sqrt{120}$	$\sqrt{5}$	$\left(\frac{23}{2}, -\frac{7}{2}\right)$
$\sqrt{660}$	$\sqrt{18711}$	$\sqrt{19250}$	$\sqrt{5329}$	$\sqrt{384}$	$-\left(\frac{21}{2}, -\frac{7}{2}\right)$
$-\sqrt{330}$	0	$\sqrt{385}$	$\sqrt{338}$	$\sqrt{48}$	$\left(\frac{19}{2}, -\frac{7}{2}\right)$
$-\sqrt{180}$	$-\sqrt{2527}$	$\sqrt{210}$	$\sqrt{3993}$	$\sqrt{1408}$	$-\left(\frac{17}{2}, -\frac{7}{2}\right)$
$\sqrt{1701}$	$-\sqrt{540}$	$-\sqrt{1058}$	$\sqrt{1540}$	$\sqrt{2310}$	$\left(\frac{15}{2}, -\frac{7}{2}\right)$
$\sqrt{20412}$	$\sqrt{117045}$	$-\sqrt{237606}$	$\sqrt{1155}$	$\sqrt{443520}$	$-\left(\frac{13}{2}, -\frac{7}{2}\right)$
$-\sqrt{1890}$	$\sqrt{1536}$	$-\sqrt{45}$	$-\sqrt{1386}$	$\sqrt{3696}$	$\left(\frac{11}{2}, -\frac{7}{2}\right)$
$-\sqrt{980}$	$-\sqrt{1575}$	$\sqrt{10290}$	$-\sqrt{17457}$	$\sqrt{12672}$	$-\left(\frac{9}{2}, -\frac{7}{2}\right)$
$\sqrt{490}$	$-\sqrt{504}$	$\sqrt{420}$	$-\sqrt{264}$	$\sqrt{99}$	$\left(\frac{7}{2}, -\frac{7}{2}\right)$
$(6, -2)\left(\frac{11}{2}, -\frac{3}{2}\right)$	$(6, -3)\left(\frac{11}{2}, -\frac{1}{2}\right)$	$(6, -4)\left(\frac{11}{2}, \frac{1}{2}\right)$	$(6, -5)\left(\frac{11}{2}, \frac{3}{2}\right)$	$(6, -6)\left(\frac{11}{2}, \frac{5}{2}\right)$	

$m = \pm \frac{5}{2}$

	D	$(6, -3)\left(\frac{11}{2}, \frac{11}{2}\right)$	$(6, -2)\left(\frac{11}{2}, \frac{9}{2}\right)$	$(6, -1)\left(\frac{11}{2}, \frac{7}{2}\right)$	$(6, 0)\left(\frac{11}{2}, \frac{5}{2}\right)$	$(6, 1)\left(\frac{11}{2}, \frac{3}{2}\right)$
$\left(\frac{23}{2}, \frac{5}{2}\right)$	$\sqrt{14858}$	2	$\sqrt{99}$	$\sqrt{792}$	$\sqrt{2772}$	$\sqrt{4752}$
$\left(\frac{21}{2}, \frac{5}{2}\right)$	$\sqrt{312018}$	$-\sqrt{1089}$	$-\sqrt{15884}$	$-\sqrt{61798}$	$-\sqrt{69300}$	$-\sqrt{6468}$
$\left(\frac{19}{2}, \frac{5}{2}\right)$	$\sqrt{176358}$	60	$\sqrt{27500}$	$\sqrt{36982}$	$\sqrt{693}$	$-\sqrt{25872}$
$\left(\frac{17}{2}, \frac{5}{2}\right)$	$\sqrt{41990}$	$-\sqrt{2970}$	$-\sqrt{9720}$	$-\sqrt{1215}$	$\sqrt{5250}$	$\sqrt{1440}$
$\left(\frac{15}{2}, \frac{5}{2}\right)$	$\sqrt{138567}$	$\sqrt{22176}$	$\sqrt{20216}$	$-\sqrt{7168}$	$-\sqrt{10368}$	$\sqrt{13608}$
$\left(\frac{13}{2}, \frac{5}{2}\right)$	$\sqrt{277134}$	$-\sqrt{67914}$	$-\sqrt{2744}$	$\sqrt{41503}$	$-\sqrt{7938}$	$-\sqrt{13608}$
$\left(\frac{11}{2}, \frac{5}{2}\right)$	$\sqrt{4862}$	$\sqrt{1232}$	$-\sqrt{252}$	$-\sqrt{126}$	25	$-\sqrt{336}$
$\left(\frac{9}{2}, \frac{5}{2}\right)$	$\sqrt{43758}$	$-\sqrt{7425}$	$\sqrt{7500}$	$-\sqrt{2166}$	$-\sqrt{84}$	$\sqrt{3136}$
$\left(\frac{7}{2}, \frac{5}{2}\right)$	$\sqrt{18018}$	$\sqrt{1188}$	$-\sqrt{2523}$	$\sqrt{2904}$	$-\sqrt{2100}$	$\sqrt{784}$
$\left(\frac{5}{2}, \frac{5}{2}\right)$	$\sqrt{1001}$	$-\sqrt{11}$	6	$-\sqrt{72}$	$\sqrt{112}$	$-\sqrt{147}$
	D	$(6, 3)\left(\frac{11}{2}, -\frac{11}{2}\right)$	$(6, 2)\left(\frac{11}{2}, -\frac{9}{2}\right)$	$(6, 1)\left(\frac{11}{2}, -\frac{7}{2}\right)$	$(6, 0)\left(\frac{11}{2}, -\frac{5}{2}\right)$	$(6, -1)\left(\frac{11}{2}, -\frac{3}{2}\right)$

	$(6, 2)\left(\frac{11}{2}, \frac{1}{2}\right)$	$(6, 3)\left(\frac{11}{2}, -\frac{1}{2}\right)$	$(6, 4)\left(\frac{11}{2}, -\frac{3}{2}\right)$	$(6, 5)\left(\frac{11}{2}, -\frac{5}{2}\right)$	$(6, 6)\left(\frac{11}{2}, -\frac{7}{2}\right)$	
$\sqrt{4158}$	$\sqrt{1848}$	$\sqrt{396}$	6	1	$\left(\frac{23}{2}, -\frac{5}{2}\right)$	
$\sqrt{29568}$	$\sqrt{78078}$	$\sqrt{42284}$	85	$\sqrt{324}$	$-\left(\frac{21}{2}, -\frac{5}{2}\right)$	
$-\sqrt{11550}$	$\sqrt{11550}$	$\sqrt{40931}$	$\sqrt{16384}$	36	$\left(\frac{19}{2}, -\frac{5}{2}\right)$	
$-\sqrt{5040}$	$-\sqrt{1715}$	$\sqrt{5070}$	$\sqrt{8250}$	$\sqrt{1320}$	$-\left(\frac{17}{2}, -\frac{5}{2}\right)$	
$\sqrt{2187}$	$-\sqrt{20172}$	$-\sqrt{14}$	$\sqrt{30184}$	$\sqrt{12474}$	$\left(\frac{15}{2}, -\frac{5}{2}\right)$	
$\sqrt{34992}$	$-\sqrt{1587}$	$-\sqrt{30926}$	$\sqrt{26026}$	$\sqrt{49896}$	$-\left(\frac{13}{2}, -\frac{5}{2}\right)$	
$-\sqrt{6}$	$\sqrt{486}$	$-\sqrt{567}$	0	$\sqrt{1232}$	$\left(\frac{11}{2}, -\frac{5}{2}\right)$	
$-\sqrt{5600}$	$\sqrt{3150}$	$\sqrt{12}$	$-\sqrt{3993}$	$\sqrt{10692}$	$-\left(\frac{9}{2}, -\frac{5}{2}\right)$	
$-\sqrt{14}$	$-\sqrt{504}$	$\sqrt{2028}$	$-\sqrt{3300}$	$\sqrt{2673}$	$\left(\frac{7}{2}, -\frac{5}{2}\right)$	
$\sqrt{168}$	$-\sqrt{168}$	12	$-\sqrt{99}$	$\sqrt{44}$	$-\left(\frac{5}{2}, -\frac{5}{2}\right)$	
	$(6, -2)\left(\frac{11}{2}, -\frac{1}{2}\right)$	$(6, -3)\left(\frac{11}{2}, \frac{1}{2}\right)$	$(6, -4)\left(\frac{11}{2}, \frac{3}{2}\right)$	$(6, -5)\left(\frac{11}{2}, \frac{5}{2}\right)$	$(6, -6)\left(\frac{11}{2}, \frac{7}{2}\right)$	

$$m = \pm \frac{3}{2}$$

	D	$(6, -4)\left(\frac{11}{2}, \frac{11}{2}\right)$	$(6, -3)\left(\frac{11}{2}, \frac{9}{2}\right)$	$(6, -2)\left(\frac{11}{2}, \frac{7}{2}\right)$	$(6, -1)\left(\frac{11}{2}, \frac{5}{2}\right)$	$(6, 0)\left(\frac{11}{2}, \frac{3}{2}\right)$
$\left(\frac{23}{2}, \frac{3}{2}\right)$	$\sqrt{104006}$	$\sqrt{6}$	$\sqrt{220}$	$\sqrt{2475}$	$\sqrt{11880}$	$\sqrt{27720}$
$\left(\frac{21}{2}, \frac{3}{2}\right)$	$\sqrt{1352078}$	$-\sqrt{1210}$	$-\sqrt{27753}$	$-\sqrt{168960}$	$-\sqrt{332838}$	$-\sqrt{149688}$
$\left(\frac{19}{2}, \frac{3}{2}\right)$	$\sqrt{58786}$	$\sqrt{375}$	$\sqrt{4950}$	$\sqrt{13310}$	$\sqrt{4752}$	$-\sqrt{2772}$
$\left(\frac{17}{2}, \frac{3}{2}\right)$	$\sqrt{646646}$	$-\sqrt{17820}$	$-\sqrt{119286}$	$-\sqrt{87480}$	$\sqrt{16641}$	$\sqrt{86016}$
$\left(\frac{15}{2}, \frac{3}{2}\right)$	$\sqrt{138567}$	$\sqrt{11088}$	$\sqrt{30240}$	$\sqrt{168}$	$-\sqrt{20160}$	$\sqrt{540}$
$\left(\frac{13}{2}, \frac{3}{2}\right)$	$\sqrt{92378}$	$-\sqrt{15092}$	$-\sqrt{10290}$	$\sqrt{8232}$	$\sqrt{1715}$	$-\sqrt{11760}$
$\left(\frac{11}{2}, \frac{3}{2}\right)$	$\sqrt{14586}$	$\sqrt{3465}$	$\sqrt{42}$	$-\sqrt{1890}$	$\sqrt{1008}$	$\sqrt{48}$
$\left(\frac{9}{2}, \frac{3}{2}\right)$	$\sqrt{102102}$	$-\sqrt{24750}$	$\sqrt{6075}$	$-\sqrt{960}$	$-\sqrt{10082}$	$\sqrt{10752}$
$\left(\frac{7}{2}, \frac{3}{2}\right)$	$\sqrt{6006}$	$\sqrt{990}$	$-\sqrt{972}$	$\sqrt{375}$	$-\sqrt{8}$	$-\sqrt{168}$
$\left(\frac{5}{2}, \frac{3}{2}\right)$	$\sqrt{1001}$	$-\sqrt{66}$	$\sqrt{125}$	-12	$\sqrt{120}$	$-\sqrt{70}$
$\left(\frac{3}{2}, \frac{3}{2}\right)$	$\sqrt{1001}$	$\sqrt{11}$	$-\sqrt{30}$	$\sqrt{54}$	$-\sqrt{80}$	$\sqrt{105}$
		$(6, 4)\left(\frac{11}{2}, -\frac{11}{2}\right)$	$(6, 3)\left(\frac{11}{2}, -\frac{9}{2}\right)$	$(6, 2)\left(\frac{11}{2}, -\frac{7}{2}\right)$	$(6, 1)\left(\frac{11}{2}, -\frac{5}{2}\right)$	$(6, 0)\left(\frac{11}{2}, -\frac{3}{2}\right)$

	$(6, 1)\left(\frac{11}{2}, \frac{1}{2}\right)$	$(6, 2)\left(\frac{11}{2}, -\frac{1}{2}\right)$	$(6, 3)\left(\frac{11}{2}, -\frac{3}{2}\right)$	$(6, 4)\left(\frac{11}{2}, -\frac{5}{2}\right)$	$(6, 5)\left(\frac{11}{2}, -\frac{7}{2}\right)$	$(6, 6)\left(\frac{11}{2}, -\frac{9}{2}\right)$	
$\sqrt{33264}$	$\sqrt{20790}$	$\sqrt{6600}$	$\sqrt{990}$	$\sqrt{60}$	1	$\left(\frac{23}{2}, -\frac{3}{2}\right)$	
$\sqrt{13860}$	$\sqrt{271656}$	$\sqrt{286110}$	$\sqrt{90354}$	97	$\sqrt{240}$	$-\left(\frac{21}{2}, -\frac{3}{2}\right)$	
$-\sqrt{9240}$	0	$\sqrt{10560}$	$\sqrt{10571}$	$\sqrt{2166}$	$\sqrt{90}$	$\left(\frac{19}{2}, -\frac{3}{2}\right)$	
$-\sqrt{10080}$	$-\sqrt{90972}$	$\sqrt{4205}$	$\sqrt{137388}$	$\sqrt{71478}$	$\sqrt{5280}$	$-\left(\frac{17}{2}, -\frac{3}{2}\right)$	
$\sqrt{16200}$	$-\sqrt{5445}$	$-\sqrt{12348}$	$\sqrt{10500}$	$\sqrt{27720}$	$\sqrt{4158}$	$\left(\frac{15}{2}, -\frac{3}{2}\right)$	
$\sqrt{1800}$	$\sqrt{5780}$	$-\sqrt{10647}$	$-\sqrt{420}$	$\sqrt{19250}$	$\sqrt{7392}$	$-\left(\frac{13}{2}, -\frac{3}{2}\right)$	
$-\sqrt{1440}$	36	0	$-\sqrt{1701}$	$\sqrt{1386}$	$\sqrt{2310}$	$\left(\frac{11}{2}, -\frac{3}{2}\right)$	
$-\sqrt{2240}$	$-\sqrt{1400}$	$\sqrt{10890}$	$-\sqrt{11094}$	$\sqrt{99}$	$\sqrt{23760}$	$-\left(\frac{9}{2}, -\frac{3}{2}\right)$	
$\sqrt{560}$	$-\sqrt{686}$	$\sqrt{360}$	$-\sqrt{6}$	$-\sqrt{396}$	$\sqrt{1485}$	$\left(\frac{7}{2}, -\frac{3}{2}\right)$	
$\sqrt{21}$	0	$-\sqrt{24}$	$\sqrt{90}$	$-\sqrt{165}$	$\sqrt{176}$	$-\left(\frac{5}{2}, -\frac{3}{2}\right)$	
$-\sqrt{126}$	$\sqrt{140}$	-12	$\sqrt{135}$	$-\sqrt{110}$	$\sqrt{66}$	$\left(\frac{3}{2}, -\frac{3}{2}\right)$	
	$(6, -1)\left(\frac{11}{2}, -\frac{1}{2}\right)$	$(6, -2)\left(\frac{11}{2}, \frac{1}{2}\right)$	$(6, -3)\left(\frac{11}{2}, \frac{3}{2}\right)$	$(6, -4)\left(\frac{11}{2}, \frac{5}{2}\right)$	$(6, -5)\left(\frac{11}{2}, \frac{7}{2}\right)$	$(6, -6)\left(\frac{11}{2}, \frac{9}{2}\right)$	

$m = \pm \frac{1}{2}$	D	$(6, -5)$ $(\frac{11}{2}, \frac{11}{2})$	$(6, -4)$ $(\frac{11}{2}, \frac{9}{2})$	$(6, -3)$ $(\frac{11}{2}, \frac{7}{2})$	$(6, -2)$ $(\frac{11}{2}, \frac{5}{2})$	$(6, -1)$ $(\frac{11}{2}, \frac{3}{2})$	$(6, 0)$ $(\frac{11}{2}, \frac{1}{2})$
$(\frac{23}{2}, \frac{1}{2})$	$\sqrt{1352078}$	$\sqrt{12}$	$\sqrt{726}$	110	$\sqrt{81675}$	$\sqrt{261360}$	$\sqrt{426888}$
$(\frac{21}{2}, \frac{1}{2})$	$\sqrt{8112468}$	$-\sqrt{1331}$	$-\sqrt{52822}$	$-\sqrt{515625}$	$-\sqrt{1673100}$	$-\sqrt{1665180}$	$-\sqrt{116424}$
$(\frac{19}{2}, \frac{1}{2})$	$\sqrt{176358}$	$\sqrt{250}$	$\sqrt{6125}$	$\sqrt{30720}$	$\sqrt{32490}$	$\sqrt{72}$	$-\sqrt{26460}$
$(\frac{17}{2}, \frac{1}{2})$	$\sqrt{1293292}$	-99	$-\sqrt{136242}$	$-\sqrt{275427}$	$-\sqrt{12996}$	$\sqrt{172980}$	$\sqrt{29400}$
$(\frac{15}{2}, \frac{1}{2})$	$\sqrt{138567}$	$\sqrt{3872}$	$\sqrt{26896}$	$\sqrt{11616}$	$-\sqrt{10952}$	$-\sqrt{6760}$	$\sqrt{14700}$
$(\frac{13}{2}, \frac{1}{2})$	$\sqrt{554268}$	$-\sqrt{41503}$	$-\sqrt{115934}$	$\sqrt{1029}$	$\sqrt{67228}$	$-\sqrt{27440}$	$-\sqrt{16800}$
$(\frac{11}{2}, \frac{1}{2})$	$\sqrt{4862}$	$\sqrt{726}$	$\sqrt{507}$	$-\sqrt{512}$	$-\sqrt{6}$	$\sqrt{480}$	-20
$(\frac{9}{2}, \frac{1}{2})$	$\sqrt{612612}$	$-\sqrt{136125}$	$-\sqrt{2250}$	$\sqrt{71415}$	$-\sqrt{56180}$	52	$\sqrt{23520}$
$(\frac{7}{2}, \frac{1}{2})$	$\sqrt{18018}$	66	$-\sqrt{882}$	$-\sqrt{108}$	37	$-\sqrt{2000}$	$\sqrt{1176}$
$(\frac{5}{2}, \frac{1}{2})$	$\sqrt{2002}$	$-\sqrt{363}$	$\sqrt{294}$	-11	$\sqrt{12}$	$\sqrt{15}$	$-\sqrt{98}$
$(\frac{3}{2}, \frac{1}{2})$	$\sqrt{3003}$	$\sqrt{242}$	-19	$\sqrt{384}$	$-\sqrt{338}$	$\sqrt{250}$	$-\sqrt{147}$
$(\frac{1}{2}, \frac{1}{2})$	$\sqrt{78}$	-1	$\sqrt{2}$	$-\sqrt{3}$	2	$-\sqrt{5}$	$\sqrt{6}$
D		$(6, 5)$ $(\frac{11}{2}, -\frac{11}{2})$	$(6, 4)$ $(\frac{11}{2}, -\frac{9}{2})$	$(6, 3)$ $(\frac{11}{2}, -\frac{7}{2})$	$(6, 2)$ $(\frac{11}{2}, -\frac{5}{2})$	$(6, 1)$ $(\frac{11}{2}, -\frac{3}{2})$	$(6, 0)$ $(\frac{11}{2}, -\frac{1}{2})$
$(\frac{11}{2}, -\frac{1}{2})$	$(\frac{11}{2}, -\frac{3}{2})$	$(\frac{11}{2}, -\frac{5}{2})$	$(\frac{11}{2}, -\frac{7}{2})$	$(\frac{11}{2}, -\frac{9}{2})$	$(\frac{11}{2}, -\frac{11}{2})$		
$\sqrt{365904}$	$\sqrt{163350}$	$\sqrt{36300}$	$\sqrt{3630}$	$\sqrt{132}$	1	$(\frac{23}{2}, -\frac{1}{2})$	
$\sqrt{801108}$	$\sqrt{1980000}$	$\sqrt{1091475}$	$\sqrt{203390}$	109	$\sqrt{132}$	$-(\frac{21}{2}, -\frac{1}{2})$	
$-\sqrt{10080}$	$\sqrt{11520}$	$\sqrt{39690}$	131	$\sqrt{1760}$	$\sqrt{30}$	$(\frac{19}{2}, -\frac{1}{2})$	
$-\sqrt{157500}$	$-\sqrt{48672}$	379	$\sqrt{252810}$	$\sqrt{52371}$	$\sqrt{1452}$	$-(\frac{17}{2}, -\frac{1}{2})$	
$\sqrt{1400}$	-139	$-\sqrt{72}$	$\sqrt{2780}$	$\sqrt{14872}$	$\sqrt{726}$	$(\frac{15}{2}, -\frac{1}{2})$	
260	$-\sqrt{3584}$	$-\sqrt{60543}$	$\sqrt{37030}$	$\sqrt{105413}$	$\sqrt{10164}$	$-(\frac{13}{2}, -\frac{1}{2})$	
0	$\sqrt{432}$	$-\sqrt{486}$	$-\sqrt{15}$	$\sqrt{1056}$	$\sqrt{242}$	$(\frac{11}{2}, -\frac{1}{2})$	
$-\sqrt{67760}$	$\sqrt{40960}$	$\sqrt{45}$	$-\sqrt{62658}$	$\sqrt{83655}$	$\sqrt{65340}$	$-(\frac{9}{2}, -\frac{1}{2})$	
$-\sqrt{112}$	$-\sqrt{338}$	$\sqrt{1764}$	$-\sqrt{2250}$	$\sqrt{396}$	$\sqrt{3267}$	$(\frac{7}{2}, -\frac{1}{2})$	
$\sqrt{189}$	$-\sqrt{216}$	$\sqrt{147}$	$-\sqrt{30}$	$-\sqrt{33}$	22	$-(\frac{5}{2}, -\frac{1}{2})$	
$\sqrt{56}$	-2	$-\sqrt{18}$	$\sqrt{125}$	$-\sqrt{352}$	$\sqrt{726}$	$(\frac{3}{2}, -\frac{1}{2})$	
$-\sqrt{7}$	$\sqrt{8}$	-3	$\sqrt{10}$	$-\sqrt{11}$	$\sqrt{12}$	$-(\frac{1}{2}, -\frac{1}{2})$	
$(\frac{6}{2}, -\frac{1}{2})$	$(\frac{11}{2}, \frac{1}{2})$	$(\frac{11}{2}, \frac{3}{2})$	$(\frac{11}{2}, \frac{5}{2})$	$(\frac{11}{2}, \frac{7}{2})$	$(\frac{11}{2}, \frac{9}{2})$	$(\frac{11}{2}, \frac{11}{2})$	

$j' = 6 \quad j = 6$ $m = \pm 11$

	D	(6, 5) (6, 6)	(6, 6) (6, 5)	
(12, 11)	$\sqrt{2}$	1	1	(12, -11)
(11, 11)	$\sqrt{2}$	-1	1	-(11, -11)
	D	(6, -5) (6, -6)	(6, -6) (6, -5)	

 $m = \pm 10$

	D	(6, 4) (6, 6)	(6, 5) (6, 5)	(6, 6) (6, 4)	
(12, 10)	$\sqrt{46}$	$\sqrt{11}$	$\sqrt{24}$	$\sqrt{11}$	(12, -10)
(11, 10)	$\sqrt{2}$	-1	0	1	-(11, -10)
(10, 10)	$\sqrt{23}$	$\sqrt{6}$	$-\sqrt{11}$	$\sqrt{6}$	(10, -10)
	D	(6, -4) (6, -6)	(6, -5) (6, -5)	(6, -6) (6, -4)	

 $m = \pm 9$

	D	(6, 3) (6, 6)	(6, 4) (6, 5)	(6, 5) (6, 4)	(6, 6) (6, 3)	
(12, 9)	$\sqrt{46}$	$\sqrt{5}$	$\sqrt{18}$	$\sqrt{18}$	$\sqrt{5}$	(12, -9)
(11, 9)	$\sqrt{14}$	$-\sqrt{5}$	$-\sqrt{2}$	$\sqrt{2}$	$\sqrt{5}$	-(11, -9)
(10, 9)	$\sqrt{46}$	$\sqrt{18}$	$-\sqrt{5}$	$-\sqrt{5}$	$\sqrt{18}$	(10, -9)
(9, 9)	$\sqrt{14}$	$-\sqrt{2}$	$\sqrt{5}$	$-\sqrt{5}$	$\sqrt{2}$	-(9, -9)
	D	(6, -3) (6, -6)	(6, -4) (6, -5)	(6, -5) (6, -4)	(6, -6) (6, -3)	

 $m = \pm 8$

	D	(6, 2) (6, 6)	(6, 3) (6, 5)	(6, 4) (6, 4)	(6, 5) (6, 3)	(6, 6) (6, 2)	
(12, 8)	$\sqrt{322}$	$\sqrt{15}$	$\sqrt{80}$	$\sqrt{132}$	$\sqrt{80}$	$\sqrt{15}$	(12, -8)
(11, 8)	$\sqrt{14}$	$-\sqrt{3}$	-2	0	2	$\sqrt{3}$	-(11, -8)
(10, 8)	$\sqrt{874}$	18	$\sqrt{3}$	$-\sqrt{220}$	$\sqrt{3}$	18	(10, -8)
(9, 8)	$\sqrt{14}$	-2	$\sqrt{3}$	0	$-\sqrt{3}$	2	-(9, -8)
(8, 8)	$\sqrt{133}$	$\sqrt{11}$	$-\sqrt{33}$	$\sqrt{45}$	$-\sqrt{33}$	$\sqrt{11}$	(8, -8)
	D	(6, -2) (6, -6)	(6, -3) (6, -5)	(6, -4) (6, -4)	(6, -5) (6, -3)	(6, -6) (6, -2)	

$m = \pm 7$	D	(6, 1) (6, 6)	(6, 2) (6, 5)	(6, 3) (6, 4)	(6, 4) (6, 3)	(6, 5) (6, 2)	(6, 6) (6, 1)	
(12, 7)	$\sqrt{322}$	$\sqrt{6}$	$\sqrt{45}$	$\sqrt{110}$	$\sqrt{110}$	$\sqrt{45}$	$\sqrt{6}$	(12, -7)
(11, 7)	$\sqrt{266}$	$-\sqrt{30}$	-9	$-\sqrt{22}$	$\sqrt{22}$	9	$\sqrt{30}$	-(11, -7)
(10, 7)	$\sqrt{874}$	$\sqrt{240}$	$\sqrt{98}$	$-\sqrt{99}$	$-\sqrt{99}$	$\sqrt{98}$	$\sqrt{240}$	(10, -7)
(9, 7)	$\sqrt{238}$	$-\sqrt{80}$	$\sqrt{6}$	$\sqrt{33}$	$-\sqrt{33}$	$-\sqrt{6}$	$\sqrt{80}$	-(9, -7)
(8, 7)	$\sqrt{266}$	$\sqrt{55}$	$-\sqrt{66}$	$\sqrt{12}$	$\sqrt{12}$	$-\sqrt{66}$	$\sqrt{55}$	(8, -7)
(7, 7)	$\sqrt{646}$	$-\sqrt{33}$	$\sqrt{110}$	$-\sqrt{180}$	$\sqrt{180}$	$-\sqrt{110}$	$\sqrt{33}$	-(7, -7)
	D	(6, -1) (6, -6)	(6, -2) (6, -5)	(6, -3) (6, -4)	(6, -4) (6, -3)	(6, -5) (6, -2)	(6, -6) (6, -1)	

$m = \pm 6$	D	(6, 0) (6, 6)	(6, 1) (6, 5)	(6, 2) (6, 4)	
(12, 6)	$\sqrt{6118}$	$\sqrt{42}$	$\sqrt{432}$	$\sqrt{1485}$	
(11, 6)	$\sqrt{266}$	$-\sqrt{14}$	-8	$-\sqrt{55}$	
(10, 6)	$\sqrt{7429}$	$\sqrt{1260}$	$\sqrt{1690}$	$-\sqrt{22}$	
(9, 6)	$\sqrt{238}$	$-\sqrt{70}$	$-\sqrt{5}$	$\sqrt{44}$	
(8, 6)	$\sqrt{266}$	$\sqrt{77}$	$-\sqrt{22}$	$-\sqrt{10}$	
(7, 6)	$\sqrt{646}$	$-\sqrt{99}$	$\sqrt{154}$	$-\sqrt{70}$	
(6, 6)	$\sqrt{646}$	$\sqrt{22}$	$-\sqrt{77}$	$\sqrt{140}$	
	D	(6, 0) (6, -6)	(6, -1) (6, -5)	(6, -2) (6, -4)	

	(6, 3) (6, 3)	(6, 4) (6, 2)	(6, 5) (6, 1)	(6, 6) (6, 0)	
	$\sqrt{2200}$	$\sqrt{1485}$	$\sqrt{432}$	$\sqrt{42}$	(12, -6)
	0	$\sqrt{55}$	8	$\sqrt{14}$	-(11, -6)
	$-\sqrt{1485}$	$-\sqrt{22}$	$\sqrt{1690}$	$\sqrt{1260}$	(10, -6)
	0	$-\sqrt{44}$	$\sqrt{5}$	$\sqrt{70}$	-(9, -6)
	$\sqrt{48}$	$-\sqrt{10}$	$-\sqrt{22}$	$\sqrt{77}$	(8, -6)
	0	$\sqrt{70}$	$-\sqrt{154}$	$\sqrt{99}$	-(7, -6)
	$-\sqrt{168}$	$\sqrt{140}$	$-\sqrt{77}$	$\sqrt{22}$	(6, -6)
	(6, -3) (6, -3)	(6, -4) (6, -2)	(6, -5) (6, -1)	(6, -6) (6, 0)	

$m = \pm 5$

D	(6, -1) (6, 6)	(6, 0) (6, 5)	(6, 1) (6, 4)	(6, 2) (6, 3)
(12, 5)	$\sqrt{874}$	$\sqrt{2}$	$\sqrt{28}$	$\sqrt{132}$
(11, 5)	$\sqrt{4522}$	$-\sqrt{98}$	$-\sqrt{700}$	$-\sqrt{1188}$
(10, 5)	$\sqrt{29716}$	$\sqrt{2646}$	$\sqrt{7581}$	$\sqrt{1331}$
(9, 5)	$\sqrt{476}$	$-\sqrt{98}$	$-\sqrt{63}$	$\sqrt{33}$
(8, 5)	$\sqrt{38}$	$\sqrt{11}$	0	$-\sqrt{6}$
(7, 5)	$\sqrt{8398}$	$-\sqrt{2079}$	$\sqrt{1056}$	$\sqrt{14}$
(6, 5)	$\sqrt{1292}$	$\sqrt{154}$	$-\sqrt{275}$	$\sqrt{189}$
(5, 5)	$\sqrt{884}$	$-\sqrt{22}$	$\sqrt{77}$	$-\sqrt{147}$
D	(6, 1) (6, -6)	(6, 0) (6, -5)	(6, -1) (6, -4)	(6, -2) (6, -3)

(6, 3) (6, 2)	(6, 4) (6, 1)	(6, 5) (6, 0)	(6, 6) (6, -1)	
$\sqrt{275}$	$\sqrt{132}$	$\sqrt{28}$	$\sqrt{2}$	(12, -5)
$\sqrt{275}$	$\sqrt{1188}$	$\sqrt{700}$	$\sqrt{98}$	(-11, -5)
$-\sqrt{3300}$	$\sqrt{1331}$	$\sqrt{7581}$	$\sqrt{2646}$	(10, -5)
$-\sqrt{44}$	$-\sqrt{33}$	$\sqrt{63}$	$\sqrt{98}$	(-9, -5)
$\sqrt{2}$	$-\sqrt{6}$	0	$\sqrt{11}$	(8, -5)
$\sqrt{1050}$	$-\sqrt{14}$	$-\sqrt{1056}$	$\sqrt{2079}$	(-7, -5)
$-\sqrt{28}$	$\sqrt{189}$	$-\sqrt{275}$	$\sqrt{154}$	(6, -5)
-14	$\sqrt{147}$	$-\sqrt{77}$	$\sqrt{22}$	(-5, -5)
(6, -3) (6, -2)	(6, -4) (6, -1)	(6, -5) (6, 0)	(6, -6) (6, 1)	

 $m = \pm 4$

D	(6, -2) (6, 6)	(6, -1) (6, 5)	(6, 0) (6, 4)	(6, 1) (6, 3)	(6, 2) (6, 2)
(12, 4)	$\sqrt{7429}$	$\sqrt{5}$	$\sqrt{96}$	$\sqrt{616}$	$\sqrt{1760}$
(11, 4)	$\sqrt{646}$	$-\sqrt{5}$	$-\sqrt{54}$	$-\sqrt{154}$	$-\sqrt{110}$
(10, 4)	$\sqrt{29716}$	$\sqrt{1176}$	$\sqrt{6125}$	$\sqrt{4620}$	$-\sqrt{297}$
(9, 4)	$\sqrt{68}$	$-\sqrt{8}$	$-\sqrt{15}$	0	$\sqrt{11}$
(8, 4)	$\sqrt{494}$	$\sqrt{110}$	$\sqrt{33}$	$-\sqrt{63}$	$-\sqrt{5}$
(7, 4)	$\sqrt{8398}$	$-\sqrt{2310}$	$\sqrt{77}$	$\sqrt{867}$	$-\sqrt{945}$
(6, 4)	$\sqrt{14212}$	$\sqrt{3080}$	$-\sqrt{2079}$	8	$\sqrt{875}$
(5, 4)	$\sqrt{884}$	$-\sqrt{88}$	$\sqrt{165}$	$-\sqrt{140}$	7
(4, 4)	$\sqrt{4862}$	$\sqrt{99}$	$-\sqrt{330}$	$\sqrt{630}$	$-\sqrt{882}$
D	(6, 2) (6, -6)	(6, 1) (6, -5)	(6, 0) (6, -4)	(6, -1) (6, -3)	(6, -2) (6, -2)

$(6, 3)(6, 1)$	$(6, 4)(6, 0)$	$(6, 5)(6, -1)$	$(6, 6)(6, -2)$	
$\sqrt{1760}$	$\sqrt{616}$	$\sqrt{96}$	$\sqrt{5}$	$(12, -4)$
$\sqrt{110}$	$\sqrt{154}$	$\sqrt{54}$	$\sqrt{5}$	$-(11, -4)$
$-\sqrt{297}$	$\sqrt{4620}$	$\sqrt{6125}$	$\sqrt{1176}$	$(10, -4)$
$-\sqrt{11}$	0	$\sqrt{15}$	$\sqrt{8}$	$-(9, -4)$
$-\sqrt{5}$	$-\sqrt{63}$	$\sqrt{33}$	$\sqrt{110}$	$(8, -4)$
$\sqrt{945}$	$-\sqrt{867}$	$-\sqrt{77}$	$\sqrt{2310}$	$-(7, -4)$
$\sqrt{875}$	8	$-\sqrt{2079}$	$\sqrt{3080}$	$(6, -4)$
-7	$\sqrt{140}$	$-\sqrt{165}$	$\sqrt{88}$	$-(5, -4)$
$-\sqrt{882}$	$\sqrt{630}$	$-\sqrt{330}$	$\sqrt{99}$	$(4, -4)$
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$(6, -3)(6, -1)$	$(6, -4)(6, 0)$	$(6, -5)(6, 1)$	$(6, -6)(6, 2)$	

 $m = \pm 3$

	D	$(6, -3)(6, 6)$	$(6, -2)(6, 5)$	$(6, -1)(6, 4)$	$(6, 0)(6, 3)$	$(6, 1)(6, 2)$
(12, 3)	$\sqrt{29716}$	$\sqrt{5}$	$\sqrt{135}$	$\sqrt{1188}$	$\sqrt{4620}$	$\sqrt{8910}$
(11, 3)	$\sqrt{1292}$	$-\sqrt{3}$	-7	$-\sqrt{220}$	$-\sqrt{308}$	$-\sqrt{66}$
(10, 3)	$\sqrt{29716}$	$\sqrt{432}$	62	$\sqrt{6655}$	$\sqrt{693}$	$-\sqrt{3234}$
(9, 3)	$\sqrt{884}$	$-\sqrt{48}$	-14	$-\sqrt{55}$	$\sqrt{77}$	$\sqrt{66}$
(8, 3)	$\sqrt{494}$	$\sqrt{66}$	$\sqrt{88}$	$-\sqrt{10}$	$-\sqrt{56}$	$\sqrt{27}$
(7, 3)	$\sqrt{92378}$	$-\sqrt{20790}$	$-\sqrt{3080}$	$\sqrt{13454}$	$-\sqrt{360}$	$-\sqrt{8505}$
(6, 3)	$\sqrt{14212}$	$\sqrt{3696}$	$-\sqrt{308}$	$-\sqrt{875}$	43	$-\sqrt{378}$
(5, 3)	$\sqrt{884}$	$-\sqrt{176}$	$\sqrt{132}$	$-\sqrt{15}$	$-\sqrt{21}$	$\sqrt{98}$
(4, 3)	$\sqrt{9724}$	$\sqrt{891}$	$-\sqrt{1617}$	$\sqrt{1500}$	$-\sqrt{756}$	$\sqrt{98}$
(3, 3)	$\sqrt{572}$	$-\sqrt{11}$	$\sqrt{33}$	$-\sqrt{60}$	$\sqrt{84}$	$-\sqrt{98}$
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	D	$(6, 3)(6, -6)$	$(6, 2)(6, -5)$	$(6, 1)(6, -4)$	$(6, 0)(6, -3)$	$(6, -1)(6, -2)$

$(6, 2)(6, 1)$	$(6, 3)(6, 0)$	$(6, 4)(6, -1)$	$(6, 5)(6, -2)$	$(6, 6)(6, -3)$	
$\sqrt{8910}$	$\sqrt{4620}$	$\sqrt{1188}$	$\sqrt{135}$	$\sqrt{5}$	$(12, -3)$
$\sqrt{66}$	$\sqrt{308}$	$\sqrt{220}$	7	$\sqrt{3}$	$-(11, -3)$
$-\sqrt{3234}$	$\sqrt{693}$	$\sqrt{6655}$	62	$\sqrt{432}$	$(10, -3)$
$-\sqrt{66}$	$-\sqrt{77}$	$\sqrt{55}$	14	$\sqrt{48}$	$-(9, -3)$
$\sqrt{27}$	$-\sqrt{56}$	$-\sqrt{10}$	$\sqrt{88}$	$\sqrt{66}$	$(8, -3)$
$\sqrt{8505}$	$\sqrt{360}$	$-\sqrt{13454}$	$\sqrt{3080}$	$\sqrt{20790}$	$-(7, -3)$
$-\sqrt{378}$	43	$-\sqrt{875}$	$-\sqrt{308}$	$\sqrt{3696}$	$(6, -3)$
$-\sqrt{98}$	$\sqrt{21}$	$\sqrt{15}$	$-\sqrt{132}$	$\sqrt{176}$	$-(5, -3)$
$\sqrt{98}$	$-\sqrt{756}$	$\sqrt{1500}$	$-\sqrt{1617}$	$\sqrt{891}$	$(4, -3)$
$\sqrt{98}$	$-\sqrt{84}$	$\sqrt{60}$	$-\sqrt{33}$	$\sqrt{11}$	$-(3, -3)$
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$(6, -2)(6, -1)$	$(6, -3)(6, 0)$	$(6, -4)(6, 1)$	$(6, -5)(6, 2)$	$(6, -6)(6, 3)$	

$m = \pm 2$

	D	(6, -4) (6, 6)	(6, -3) (6, 5)	(6, -2) (6, 4)	(6, -1) (6, 3)	(6, 0) (6, 2)	
(12, 2)	$\sqrt{29716}$	1	$\sqrt{40}$	$\sqrt{495}$	$\sqrt{2640}$	$\sqrt{6930}$	
(11, 2)	$\sqrt{9044}$	$-\sqrt{5}$	$-\sqrt{128}$	$-\sqrt{891}$	$-\sqrt{2112}$	$-\sqrt{1386}$	
(10, 2)	$\sqrt{193154}$	$\sqrt{810}$	111	$\sqrt{40678}$	$\sqrt{23826}$	$-\sqrt{2772}$	
(9, 2)	$\sqrt{3094}$	$-\sqrt{60}$	$-\sqrt{486}$	$-\sqrt{528}$	$\sqrt{11}$	$\sqrt{462}$	
(8, 2)	$\sqrt{5434}$	$\sqrt{30}$	$\sqrt{1188}$	$\sqrt{96}$	$-\sqrt{722}$	$-\sqrt{21}$	
(7, 2)	$\sqrt{92378}$	$-\sqrt{12474}$	$-\sqrt{13860}$	$\sqrt{4480}$	$\sqrt{5250}$	$-\sqrt{10125}$	
(6, 2)	$\sqrt{7106}$	$\sqrt{1540}$	$\sqrt{154}$	$-\sqrt{1008}$	$\sqrt{189}$	$\sqrt{242}$	
(5, 2)	$\sqrt{442}$	$-\sqrt{110}$	$\sqrt{11}$	$\sqrt{18}$	$-\sqrt{54}$	$\sqrt{28}$	
(4, 2)	$\sqrt{68068}$	$\sqrt{13365}$	$-\sqrt{9504}$	$\sqrt{1587}$	$\sqrt{576}$	$-\sqrt{5082}$	
(3, 2)	$\sqrt{572}$	$-\sqrt{55}$	$\sqrt{8}$	-9	$\sqrt{48}$	$-\sqrt{14}$	
(2, 2)	$\sqrt{1001}$	$\sqrt{22}$	$-\sqrt{55}$	$\sqrt{90}$	$-\sqrt{120}$	$\sqrt{140}$	
	D	(6, 4) (6, -6)	(6, 3) (6, -5)	(6, 2) (6, -4)	(6, 1) (6, -3)	(6, 0) (6, -2)	
(6, 1) (6, 1)	(6, 2) (6, 0)	(6, 3) (6, -1)	(6, 4) (6, -2)	(6, 5) (6, -3)	(6, 6) (6, -4)		
$\sqrt{9504}$	$\sqrt{6930}$	$\sqrt{2640}$	$\sqrt{495}$	$\sqrt{40}$	1	(12, -2)	
0	$\sqrt{1386}$	$\sqrt{2112}$	$\sqrt{891}$	$\sqrt{128}$	$\sqrt{5}$	$-(11, -2)$	
$-\sqrt{32340}$	$-\sqrt{2772}$	$\sqrt{23826}$	$\sqrt{40678}$	111	$\sqrt{810}$	(10, -2)	
0	$-\sqrt{462}$	$-\sqrt{11}$	$\sqrt{528}$	$\sqrt{486}$	$\sqrt{60}$	$-(9, -2)$	
$\sqrt{720}$	$-\sqrt{21}$	$-\sqrt{722}$	$\sqrt{96}$	$\sqrt{1188}$	$\sqrt{330}$	(8, -2)	
0	$\sqrt{10125}$	$-\sqrt{5250}$	$-\sqrt{4480}$	$\sqrt{13860}$	$\sqrt{12474}$	$-(7, -2)$	
$-\sqrt{840}$	$\sqrt{242}$	$\sqrt{189}$	$-\sqrt{1008}$	$\sqrt{154}$	$\sqrt{1540}$	(6, -2)	
0	$-\sqrt{28}$	$\sqrt{54}$	$-\sqrt{18}$	$-\sqrt{11}$	$\sqrt{110}$	$-(5, -2)$	
$\sqrt{7840}$	$-\sqrt{5082}$	$\sqrt{576}$	$\sqrt{1587}$	$-\sqrt{9504}$	$\sqrt{13365}$	(4, -2)	
0	$\sqrt{14}$	$-\sqrt{48}$	9	$-\sqrt{88}$	$\sqrt{55}$	$-(3, -2)$	
$-\sqrt{147}$	$\sqrt{140}$	$-\sqrt{120}$	$\sqrt{90}$	$-\sqrt{55}$	$\sqrt{22}$	(2, -2)	
(6, -1) (6, -1)	(6, -2) (6, 0)	(6, -3) (6, 1)	(6, -4) (6, 2)	(6, -5) (6, 3)	(6, -6) (6, 4)		

$m = \pm 1$

	D	$(6, -5)$ $(6, 6)$	$(6, -4)$ $(6, 5)$	$(6, -3)$ $(6, 4)$	$(6, -2)$ $(6, 3)$	$(6, -1)$ $(6, 2)$	$(6, 0)$ $(6, 1)$
(12, 1)	$\sqrt{208012}$	1	$\sqrt{66}$	$\sqrt{1210}$	$\sqrt{9075}$	$\sqrt{32670}$	$\sqrt{60984}$
(11, 1)	$\sqrt{117572}$	$-\sqrt{11}$	$-\sqrt{486}$	$-\sqrt{5390}$	$-\sqrt{20625}$	$-\sqrt{26730}$	$-\sqrt{5544}$
(10, 1)	$\sqrt{386308}$	$\sqrt{330}$	$\sqrt{9245}$	$\sqrt{55473}$	$\sqrt{80190}$	$\sqrt{6336}$	$-\sqrt{41580}$
(9, 1)	$\sqrt{6188}$	$-\sqrt{30}$	$-\sqrt{495}$	$-\sqrt{1323}$	$-\sqrt{250}$	$\sqrt{576}$	$\sqrt{420}$
(8, 1)	$\sqrt{38038}$	$\sqrt{726}$	$\sqrt{6336}$	$\sqrt{4860}$	$-\sqrt{1352}$	$-\sqrt{3645}$	$\sqrt{2100}$
(7, 1)	$\sqrt{92378}$	$-\sqrt{5082}$	$-\sqrt{19712}$	$-\sqrt{420}$	$\sqrt{12600}$	$-\sqrt{875}$	$-\sqrt{7500}$
(6, 1)	$\sqrt{14212}$	$\sqrt{1694}$	$\sqrt{2079}$	$-\sqrt{875}$	$-\sqrt{378}$	$\sqrt{1680}$	-20
(5, 1)	$\sqrt{6188}$	$-\sqrt{1210}$	$-\sqrt{165}$	29	$-\sqrt{270}$	$-\sqrt{48}$	$\sqrt{560}$
(4, 1)	$\sqrt{68068}$	$\sqrt{16335}$	$-\sqrt{990}$	$-\sqrt{2646}$	$\sqrt{7605}$	$-\sqrt{5618}$	$\sqrt{840}$
(3, 1)	$\sqrt{572}$	-11	$\sqrt{66}$	$-\sqrt{10}$	$-\sqrt{3}$	$\sqrt{30}$	$-\sqrt{56}$
(2, 1)	$\sqrt{2002}$	$\sqrt{242}$	$-\sqrt{297}$	$\sqrt{245}$	$-\sqrt{150}$	$\sqrt{60}$	$-\sqrt{7}$
(1, 1)	$\sqrt{182}$	$-\sqrt{6}$	$\sqrt{11}$	$-\sqrt{15}$	$\sqrt{18}$	$-\sqrt{20}$	$\sqrt{21}$
	D	$(6, 5)$ $(6, -6)$	$(6, 4)$ $(6, -5)$	$(6, 3)$ $(6, -4)$	$(6, 2)$ $(6, -3)$	$(6, 1)$ $(6, -2)$	$(6, 0)$ $(6, -1)$
$(6, 1)$ $(6, 0)$	$(6, 2)$ $(6, -1)$	$(6, 3)$ $(6, -2)$	$(6, 4)$ $(6, -3)$	$(6, 5)$ $(6, -4)$	$(6, 6)$ $(6, -5)$		
$\sqrt{60984}$	$\sqrt{32670}$	$\sqrt{9075}$	$\sqrt{1210}$	$\sqrt{66}$	1	(12, -1)	
$\sqrt{5544}$	$\sqrt{26730}$	$\sqrt{20625}$	$\sqrt{5390}$	$\sqrt{486}$	$\sqrt{11}$	$-(11, -1)$	
$-\sqrt{41580}$	$\sqrt{6336}$	$\sqrt{80190}$	$\sqrt{55473}$	$\sqrt{9245}$	$\sqrt{330}$	(10, -1)	
$-\sqrt{420}$	$-\sqrt{576}$	$\sqrt{250}$	$\sqrt{1323}$	$\sqrt{495}$	$\sqrt{30}$	$-(9, -1)$	
$\sqrt{2100}$	$-\sqrt{3645}$	$-\sqrt{1352}$	$\sqrt{4860}$	$\sqrt{6336}$	$\sqrt{726}$	(8, -1)	
$\sqrt{7500}$	$\sqrt{875}$	$-\sqrt{12600}$	$\sqrt{420}$	$\sqrt{19712}$	$\sqrt{5082}$	$-(7, -1)$	
-20	$\sqrt{1680}$	$-\sqrt{378}$	$-\sqrt{875}$	$\sqrt{2079}$	$\sqrt{1694}$	(6, -1)	
$-\sqrt{560}$	$\sqrt{48}$	$\sqrt{270}$	-29	$\sqrt{165}$	$\sqrt{1210}$	$-(5, -1)$	
$\sqrt{840}$	$-\sqrt{5618}$	$\sqrt{7605}$	$-\sqrt{2646}$	$-\sqrt{990}$	$\sqrt{16335}$	(4, -1)	
$\sqrt{56}$	$-\sqrt{30}$	$\sqrt{3}$	$\sqrt{10}$	$-\sqrt{66}$	11	$-(3, -1)$	
$-\sqrt{7}$	$\sqrt{60}$	$-\sqrt{150}$	$\sqrt{245}$	$-\sqrt{297}$	$\sqrt{242}$	(2, -1)	
$-\sqrt{21}$	$\sqrt{20}$	$-\sqrt{18}$	$\sqrt{15}$	$-\sqrt{11}$	$\sqrt{6}$	$-(1, -1)$	
$(6, -1)$ $(6, 0)$	$(6, -2)$ $(6, 1)$	$(6, -3)$ $(6, 2)$	$(6, -4)$ $(6, 3)$	$(6, -5)$ $(6, 4)$	$(6, -6)$ $(6, 5)$		

$m = 0$

	D	(6, -6) (6, 6)	(6, -5) (6, 5)	(6, -4) (6, 4)	(6, -3) (6, 3)	(6, -2) (6, 2)	(6, -1) (6, 1)
(12, 0)	$\sqrt{2704156}$	1	12	66	220	495	792
(11, 0)	$\sqrt{117572}$	-1	-10	-44	-110	-165	-132
(10, 0)	$\sqrt{386308}$	6	49	166	285	210	-78
(9, 0)	$\sqrt{6188}$	-2	-13	-32	-31	6	30
(8, 0)	$\sqrt{38038}$	11	55	89	19	-71	-10
(7, 0)	$\sqrt{92378}$	-33	-121	-103	75	65	-100
(6, 0)	$\sqrt{14212}$	22	11	8	-43	22	20
(5, 0)	$\sqrt{6188}$	-22	-33	18	11	-26	20
(4, 0)	$\sqrt{68068}$	99	66	-96	54	11	-64
(3, 0)	$\sqrt{572}$	-11	0	6	-8	7	-4
(2, 0)	$\sqrt{2002}$	22	-11	2	5	-10	13
(1, 0)	$\sqrt{182}$	-6	5	-4	3	-2	1
(0, 0)	$\sqrt{13}$	1	-1	1	-1	1	-1

(6, 0) (6, 0)	(6, 1) (6, -1)	(6, 2) (6, -2)	(6, 3) (6, -3)	(6, 4) (6, -4)	(6, 5) (6, -5)	(6, 6) (6, -6)
924	792	495	220	66	12	1
0	132	165	110	44	10	1
-252	-78	210	285	166	49	6
0	-30	-6	31	32	13	2
70	-10	-71	19	89	55	11
0	100	-65	-75	103	121	33
-40	20	22	-43	8	11	22
0	-20	26	-11	-18	33	22
84	-64	11	54	-96	66	99
0	4	-7	8	-6	0	11
-14	13	-10	5	2	-11	22
0	-1	2	-3	4	-5	6
1	-1	1	-1	1	-1	1

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