

$$(1) \{d1 \rightarrow 0\}$$

$$(2) \{d2 \rightarrow 0\}$$

$$(3) \{d3 \rightarrow 0\}$$

$$(4) \{n \rightarrow 0\}$$

$$(5) \{d1 \rightarrow 1, n \rightarrow 1\}$$

$$(6) \{d2 \rightarrow 1, n \rightarrow 1\}$$

$$(7) \{d3 \rightarrow 1, n \rightarrow 1\}$$

$$(8) \left\{ d1 \rightarrow \frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}, d2 \rightarrow \right.$$

$$\left. \frac{1}{6} \left(6n - 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) - \right.$$

$$\left. \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \right. \right.$$

$$\left. \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 - 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} - \right. \right. \right.$$

$$\left. \left. \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + \right.$$

$$\left. 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right.$$

$$\left. \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \right) \right),$$

$$d3 \rightarrow \left(-12 + 46n - 36n^2 + 8n^3 - \frac{27}{2 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{2/3}} + \right.$$

$$\left. \frac{18n}{\left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{2/3}} - \right.$$

$$\left. \frac{6n^2}{\left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{2/3}} + \right)$$

$$\begin{aligned} & \frac{27}{2 \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3}} - \\ & \frac{18 n}{\left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3}} + \\ & \frac{6 n^2}{\left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3}} - \\ & \frac{9}{2} \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3} + \\ & 3 n \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3} - \\ & \frac{3}{2} \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{2/3} + \\ & \frac{9}{2} \sqrt{\left(\left(-6 n + 3 \left(\frac{2 n}{3} - \frac{2187 - 1458 n}{2187 \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3}} + \right. \right. \right. \\ & \left. \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3} \right)^2 - 12 \left(3 - 2 n + 4 n^2 - 6 n \left(\frac{2 n}{3} - \right. \right. \right. \right. \\ & \left. \left. \left. \frac{2187 - 1458 n}{2187 \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3}} + \frac{1}{3} \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3} \right) \right)^2 + \right. \\ & \left. \left. \left. 3 \left(\frac{2 n}{3} - \frac{2187 - 1458 n}{2187 \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3}} + \right. \right. \right. \right. \\ & \left. \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3} \right)^2 \right)^2 - \right. \\ & \left. \left. \left. 3 n \sqrt{\left(\left(-6 n + 3 \left(\frac{2 n}{3} - \frac{2187 - 1458 n}{2187 \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3}} + \frac{1}{3} \right. \right. \right. \right. \right. \right. \right. \\ & \left. \left. \left. \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3} \right)^2 - 12 \left(3 - 2 n + 4 n^2 - 6 n \left(\frac{2 n}{3} - \right. \right. \right. \right. \right. \right. \\ & \left. \left. \left. \frac{2187 - 1458 n}{2187 \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3}} + \frac{1}{3} \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3} \right) \right)^2 + \right. \end{aligned}$$

$$\begin{aligned}
& 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \\
& \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \Bigg) \Bigg) + \\
& \left(9 \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \right. \right. \right. \right. \right. \\
& \left. \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \right) - \\
& 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \\
& \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + 3 \right. \\
& \left. \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \\
& \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \Bigg) \Bigg) \Bigg) / \\
& \left(2 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) - \left(3n \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} - \right. \right. \right. \right. \right. \\
& \left. \left. \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \\
& \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \right) -
\end{aligned}$$

$$\begin{aligned}
& 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \\
& \quad \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + 3 \right. \\
& \quad \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \\
& \quad \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \Bigg/ \\
& \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} - \frac{3}{2} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \\
& \sqrt{\left(-6n + 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \\
& \quad \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right)^2 - 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} - \right. \right. \\
& \quad \left. \left. \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + \right. \\
& \quad \left. 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \\
& \quad \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \Bigg/ \\
& \left(36 - 42n + 12n^2 - \frac{27}{2 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{2/3}} + \right. \\
& \quad \left. \frac{18n}{\left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{2/3}} - \right.
\end{aligned}$$

$$\begin{aligned}
& \frac{6n^2}{\left(3-n+\sqrt{36-60n+37n^2-8n^3}\right)^{2/3}} + \\
& \frac{27}{2\left(3-n+\sqrt{36-60n+37n^2-8n^3}\right)^{1/3}} - \\
& \frac{18n}{\left(3-n+\sqrt{36-60n+37n^2-8n^3}\right)^{1/3}} + \\
& \frac{6n^2}{\left(3-n+\sqrt{36-60n+37n^2-8n^3}\right)^{1/3}} - \\
& \frac{9}{2} \\
& \frac{9}{2} \sqrt{\left(\left(-6n+3\left(\frac{2n}{3}-\frac{2187-1458n}{2187\left(3-n+\sqrt{36-60n+37n^2-8n^3}\right)^{1/3}}+\right.\right.\right. \\
& \left.\left.\left.\frac{1}{3}\left(3-n+\sqrt{36-60n+37n^2-8n^3}\right)^{1/3}\right)\right)^2-12\left(3-2n+4n^2-6n\left(\frac{2n}{3}-\right.\right.\right. \\
& \left.\left.\left.\frac{2187-1458n}{2187\left(3-n+\sqrt{36-60n+37n^2-8n^3}\right)^{1/3}}+\frac{1}{3}\left(3-n+\sqrt{36-60n+37n^2-8n^3}\right)^{1/3}\right)\right)+\right. \\
& \left.3\left(\frac{2n}{3}-\frac{2187-1458n}{2187\left(3-n+\sqrt{36-60n+37n^2-8n^3}\right)^{1/3}}+\right.\right. \\
& \left.\left.\left.\frac{1}{3}\left(3-n+\sqrt{36-60n+37n^2-8n^3}\right)^{1/3}\right)\right)^2\right)\right) - \\
& 3n\sqrt{\left(\left(-6n+3\left(\frac{2n}{3}-\frac{2187-1458n}{2187\left(3-n+\sqrt{36-60n+37n^2-8n^3}\right)^{1/3}}+\frac{1}{3}\right.\right.\right.
\end{aligned}$$

$$\begin{aligned}
& \left(\left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 - 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} - \right. \right. \\
& \left. \left. \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + \right. \\
& \left. 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \\
& \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \Bigg) + \\
& \left(9 \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \right. \right. \right. \right. \right. \\
& \left. \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) - \right. \\
& \left. 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \right. \\
& \left. \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + 3 \right. \right. \\
& \left. \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \\
& \left. \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \right) \Bigg) \Bigg) / \\
& \left(2 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) - \left(3n \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} - \right. \right. \right. \right. \right.
\end{aligned}$$

$$\begin{aligned}
& \frac{2187 - 1458 n}{2187 \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3}} + \\
& \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3} \right)^2 - \\
& 12 \left(3 - 2 n + 4 n^2 - 6 n \left(\frac{2 n}{3} - \frac{2187 - 1458 n}{2187 \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3}} + \right. \right. \\
& \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3} \right) + 3 \right. \\
& \left. \left(\frac{2 n}{3} - \frac{2187 - 1458 n}{2187 \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3}} + \right. \right. \\
& \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3} \right)^2 \right) \right) \Bigg/ \\
& \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3} - \frac{3}{2} \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3} \\
& \sqrt{\left(\left(-6 n + 3 \left(\frac{2 n}{3} - \frac{2187 - 1458 n}{2187 \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3}} + \right. \right. \right. \\
& \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3} \right) \right)^2 - 12 \left(3 - 2 n + 4 n^2 - 6 n \left(\frac{2 n}{3} - \right. \right. \right. \\
& \left. \left. \frac{2187 - 1458 n}{2187 \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3}} + \frac{1}{3} \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3} \right) + \right. \\
& \left. 3 \left(\frac{2 n}{3} - \frac{2187 - 1458 n}{2187 \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3}} + \right. \right. \\
& \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60 n + 37 n^2 - 8 n^3} \right)^{1/3} \right)^2 \right) \right) \Bigg\}
\end{aligned}$$

$$\begin{aligned}
(9) \left\{ d1 \rightarrow \frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}, d2 \rightarrow \right. \\
\left. \frac{1}{6} \left(6n - 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + \right. \\
\left. \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \right. \\
\left. \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right)^2 - 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} - \right. \right. \right. \\
\left. \left. \left. \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right)^2 + \right. \\
\left. 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \\
\left. \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right)^2 \right) \right), \\
d3 \rightarrow \left(-12 + 46n - 36n^2 + 8n^3 - \frac{27}{2 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{2/3}} + \right. \\
\frac{18n}{\left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{2/3}} - \\
\frac{6n^2}{\left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{2/3}} + \\
\frac{27}{2 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \\
\frac{18n}{\left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \\
\left. \frac{6n^2}{\left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{9}{2} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} + \\
& 3n \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} - \\
& \frac{3}{2} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{2/3} - \\
& \frac{9}{2} \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \right. \\
& \left. \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 - 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} - \right. \right. \right. \right. \\
& \left. \left. \left. \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + \right. \right. \\
& \left. \left. 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \right. \\
& \left. \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \right) + \\
& 3n \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \right. \right. \right. \right. \\
& \left. \left. \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 - 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} - \right. \right. \right. \right. \\
& \left. \left. \left. \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + \right. \right. \\
& \left. \left. 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \right. \\
& \left. \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \right) -
\end{aligned}$$

$$\begin{aligned}
& \left(9 \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \right. \right. \right. \right. \right. \\
& \quad \left. \left. \left. \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \right) \right) - \\
& 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \\
& \quad \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + 3 \right. \\
& \quad \left. \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \\
& \quad \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \right) \Big/ \\
& \left(2 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + \left(3n \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} - \right. \right. \right. \right. \right. \\
& \quad \left. \left. \left. \left. \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \right. \right. \\
& \quad \left. \left. \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \right) \right) - \\
& 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \\
& \quad \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + 3 \right. \\
& \quad \left. \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right.
\end{aligned}$$

$$\begin{aligned}
& \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \Bigg) \Bigg) \Bigg) \Bigg) / \\
& \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} + \frac{3}{2} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \\
& \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \right. \\
& \left. \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right)^2 - 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} - \right. \right. \right. \\
& \left. \left. \left. \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right) + \right. \\
& \left. 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \\
& \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right)^2 \Bigg) \Bigg) \Bigg) \Bigg) / \\
& \left(36 - 42n + 12n^2 - \frac{27}{2 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{2/3}} + \right. \\
& \frac{18n}{\left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{2/3}} - \\
& \frac{6n^2}{\left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{2/3}} + \\
& \frac{27}{2 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \\
& \frac{18n}{\left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \\
& \left. \frac{6n^2}{\left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{9}{2} \\
& \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} + \\
& 3n \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} - \\
& \frac{3}{2} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{2/3} - \\
& \frac{9}{2} \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \right. \\
& \left. \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 - 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} - \right. \right. \right. \right. \\
& \left. \left. \left. \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 + \right. \right. \\
& \left. \left. 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \right. \\
& \left. \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right)^2 \right) + \\
& 3n \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \right. \right. \right. \right. \\
& \left. \left. \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 - 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} - \right. \right. \right. \right. \\
& \left. \left. \left. \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 + \right. \right. \\
& \left. \left. 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \right.
\end{aligned}$$

$$\begin{aligned}
& \left. \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \right) - \\
& \left(9 \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \right. \right. \right. \right. \right. \right. \\
& \left. \left. \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \right) \right) - \\
& 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \\
& \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + 3 \right. \\
& \left. \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \\
& \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \right) \Big/ \\
& \left(2 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + \left(3n \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} - \right. \right. \right. \right. \right. \right. \\
& \left. \left. \left. \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \right. \\
& \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \right) - \\
& 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \\
& \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + 3 \right.
\end{aligned}$$

$$\begin{aligned}
& \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \\
& \quad \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \Bigg) \Bigg) \Bigg) \Bigg) / \\
& \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} + \frac{3}{2} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \\
& \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \right. \right. \\
& \quad \left. \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) - 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} - \right. \right. \right. \right. \\
& \quad \left. \left. \left. \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right) + \right. \\
& \quad \left. 3 \left(\frac{2n}{3} - \frac{2187 - 1458n}{2187 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} + \right. \right. \\
& \quad \left. \left. \frac{1}{3} \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \Bigg) \Bigg) \Bigg) \Bigg) \Bigg\}
\end{aligned}$$

(10) $\{d1 \rightarrow$

$$\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} (1 - i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3},$$

$$\begin{aligned}
d2 \rightarrow & \frac{1}{6} \left(6n - 3 \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \\
& \left. \left. \frac{1}{6} (1 - i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) - \right.
\end{aligned}$$

$$\sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right.$$

$$\begin{aligned}
& \left. \left. \left. \frac{1}{6} \left(1 - \mathfrak{i} \sqrt{3}\right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3}\right)^{1/3} \right)^2 \right) \right) - \\
& 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} + \frac{\left(1 + \mathfrak{i} \sqrt{3}\right) (2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3}\right)^{1/3}} - \frac{1}{6} \right. \right. \\
& \quad \left. \left. \left(1 - \mathfrak{i} \sqrt{3}\right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3}\right)^{1/3} \right) + \right. \\
& \quad \left. 3 \left(\frac{2n}{3} + \frac{\left(1 + \mathfrak{i} \sqrt{3}\right) (2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3}\right)^{1/3}} - \frac{1}{6} \left(1 - \mathfrak{i} \sqrt{3}\right) \right. \right. \\
& \quad \left. \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3}\right)^{1/3} \right)^2 \right) \right) \right), \\
& d3 \rightarrow \left(-21 + 88n - 48n^2 + 8n^3 - 27 \left(\frac{2n}{3} + \frac{\left(1 + \mathfrak{i} \sqrt{3}\right) (2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3}\right)^{1/3}} - \right. \right. \\
& \quad \left. \left. \frac{1}{6} \left(1 - \mathfrak{i} \sqrt{3}\right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3}\right)^{1/3} \right) - \right. \\
& \quad \left. \frac{9}{2} \left(6n - 3 \left(\frac{2n}{3} + \frac{\left(1 + \mathfrak{i} \sqrt{3}\right) (2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3}\right)^{1/3}} - \right. \right. \right. \\
& \quad \left. \left. \left. \frac{1}{6} \left(1 - \mathfrak{i} \sqrt{3}\right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3}\right)^{1/3} \right) - \right. \right. \\
& \quad \left. \left. \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} + \frac{\left(1 + \mathfrak{i} \sqrt{3}\right) (2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3}\right)^{1/3}} - \right. \right. \right. \right. \right. \\
& \quad \left. \left. \left. \left. \frac{1}{6} \left(1 - \mathfrak{i} \sqrt{3}\right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3}\right)^{1/3} \right) \right)^2 \right) \right) - \right.
\end{aligned}$$

$$\begin{aligned}
& 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \\
& \quad \left. \left. \frac{1}{6} (1 - i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + 3 \right. \\
& \quad \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} (1 - i\sqrt{3}) \right. \\
& \quad \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \Bigg) + \\
& \frac{9}{2} \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} (1 - i\sqrt{3}) \right. \\
& \quad \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \\
& \left(6n - 3 \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \\
& \quad \left. \left. \frac{1}{6} (1 - i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) - \right. \\
& \quad \left. \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \right. \\
& \quad \left. \left. \left. \frac{1}{6} (1 - i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right)^2 - \right. \\
& \quad \left. 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right.
\end{aligned}$$

$$\begin{aligned} & \left. \frac{1}{6} \left(1 - i\sqrt{3} \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right] + 3 \\ & \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} (1 - i\sqrt{3}) \right. \\ & \quad \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \Bigg) \Bigg) \Bigg) \Bigg) / \\ & \left(27 - 27 \left[\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} (1 - i\sqrt{3}) \right. \right. \\ & \quad \left. \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right] - \right. \\ & \quad \left. \frac{9}{2} \left(6n - 3 \left[\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \\ & \quad \left. \left. \left. \frac{1}{6} (1 - i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right] - \right. \right. \\ & \quad \left. \left. \sqrt{\left(\left(-6n + 3 \left[\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \right. \right. \right. \\ & \quad \left. \left. \left. \frac{1}{6} (1 - i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right]^2 - \right. \right. \\ & \quad \left. \left. 12 \left(3 - 2n + 4n^2 - 6n \left[\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \right. \right. \right. \\ & \quad \left. \left. \left. \frac{1}{6} (1 - i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right] + 3 \right. \end{aligned}$$

$$\begin{aligned}
& \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} (1 - i\sqrt{3}) \right. \\
& \quad \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \Bigg) \Bigg) \Bigg) + \\
& \frac{9}{2} \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} (1 - i\sqrt{3}) \right. \\
& \quad \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \\
& \left(6n - 3 \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \\
& \quad \left. \left. \frac{1}{6} (1 - i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) - \right. \\
& \quad \left. \sqrt{\left(-6n + 3 \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \\
& \quad \left. \left. \frac{1}{6} (1 - i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right)^2 - \right. \\
& \quad \left. 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \\
& \quad \left. \left. \frac{1}{6} (1 - i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + 3 \right. \\
& \quad \left. \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} (1 - i\sqrt{3}) \right) \right)
\end{aligned}$$

$$\left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3}\right)^{1/3} \Bigg|_1^{21}$$

$$(11) \left\{ \begin{array}{l} d1 \rightarrow \end{array} \right.$$

$$\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3})^{1/3}} - \frac{1}{6}(1 - i\sqrt{3})\left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3}\right)^{1/3},$$

$$d_2 \rightarrow \frac{1}{6} \left(6n - 3 \left[\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3})^{1/3}} - \frac{1}{6}(1 - i\sqrt{3})(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3})^{1/3} \right] \right)$$

$$\sqrt{\left(\left(-6n+3\left(\frac{2n}{3}+\frac{(1+i\sqrt{3})(2187-1458n)}{4374(3-n+\sqrt{36-60n+37n^2-8n^3})^{1/3}}-\frac{1}{6}(1-i\sqrt{3})(3-n+\sqrt{36-60n+37n^2-8n^3})^{1/3}\right)^2\right)}\right)$$

$$12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3})^{1/3}} - \frac{1}{6} \right. \right. \\ \left. \left. (1 - i\sqrt{3})(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3})^{1/3} \right) \right) +$$

$$3 \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3})^{1/3}} - \frac{1}{6}(1 - i\sqrt{3}) \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \Bigg)^2 \Bigg) \Bigg) \Bigg) \Bigg) ,$$

$$d3 \rightarrow \left(-21 + 88n - 48n^2 + 8n^3 - 27 \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right.$$

$$\begin{aligned}
& \frac{1}{6} \left(1 - i\sqrt{3} \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \Bigg) - \\
& \frac{9}{2} \left(6n - 3 \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \\
& \quad \left. \left. \frac{1}{6} \left(1 - i\sqrt{3} \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + \right. \\
& \quad \left. \left. \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \right. \right. \right. \right. \\
& \quad \left. \left. \left. \frac{1}{6} \left(1 - i\sqrt{3} \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right) \right) \right) \right)^2 - \\
& 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \\
& \quad \left. \left. \frac{1}{6} \left(1 - i\sqrt{3} \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + 3 \right. \\
& \quad \left. \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} \left(1 - i\sqrt{3} \right) \right. \right. \\
& \quad \left. \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right)^2 \Bigg) \Bigg) + \\
& \frac{9}{2} \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} \left(1 - i\sqrt{3} \right) \right. \\
& \quad \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)
\end{aligned}$$

$$\begin{aligned}
& \left(6n - 3 \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \\
& \quad \left. \left. \frac{1}{6} (1 - i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + \right. \\
& \quad \left. \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \right. \\
& \quad \left. \left. \left. \frac{1}{6} (1 - i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right) \right)^2} - \right. \\
& \quad \left. 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \\
& \quad \left. \left. \left. \frac{1}{6} (1 - i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + 3 \right. \right. \\
& \quad \left. \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} (1 - i\sqrt{3}) \right) \right. \\
& \quad \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \Bigg) \Bigg) / \\
& \quad \left(27 - 27 \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} (1 - i\sqrt{3}) \right) \right. \\
& \quad \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) - \\
& \quad \frac{9}{2} \left(6n - 3 \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right.
\end{aligned}$$

$$\begin{aligned}
& \frac{1}{6} \left(1 - i \sqrt{3} \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \Bigg) + \\
& \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} + \frac{(1 + i \sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \\
& \quad \left. \left. \left. \frac{1}{6} \left(1 - i \sqrt{3} \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right)^2 - \right. \\
& \quad \left. 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} + \frac{(1 + i \sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \\
& \quad \left. \left. \left. \frac{1}{6} \left(1 - i \sqrt{3} \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + 3 \right. \right. \\
& \quad \left. \left(\frac{2n}{3} + \frac{(1 + i \sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} \left(1 - i \sqrt{3} \right) \right. \right. \\
& \quad \left. \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \right) \Bigg) + \\
& \frac{9}{2} \left(\frac{2n}{3} + \frac{(1 + i \sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} \left(1 - i \sqrt{3} \right) \right. \\
& \quad \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \\
& \left(6n - 3 \left(\frac{2n}{3} + \frac{(1 + i \sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \\
& \quad \left. \left. \frac{1}{6} \left(1 - i \sqrt{3} \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + \right.
\end{aligned}$$

$$\begin{aligned}
& \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \\
& \quad \left. \left. \left. \frac{1}{6} (1 - i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right)^2 - \right. \\
& 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \\
& \quad \left. \left. \frac{1}{6} (1 - i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + 3 \right. \\
& \quad \left. \left(\frac{2n}{3} + \frac{(1 + i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} (1 - i\sqrt{3}) \right. \right. \\
& \quad \left. \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \right) \}
\end{aligned}$$

(12) {d1 →

$$\begin{aligned}
& \frac{2n}{3} + \frac{(1 - i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} (1 + i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}, \\
& d2 \rightarrow \frac{1}{6} \left(6n - 3 \left(\frac{2n}{3} + \frac{(1 - i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \\
& \quad \left. \left. \frac{1}{6} (1 + i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) - \right. \\
& \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} + \frac{(1 - i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \\
& \quad \left. \left. \left. \frac{1}{6} (1 + i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right)^2 - \right.
\end{aligned}$$

$$\begin{aligned}
& 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} + \frac{(1 - i\sqrt{3})(2187 - 1458n)}{4374(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3})^{1/3}} - \frac{1}{6} \right. \right. \\
& \quad \left. \left. (1 + i\sqrt{3})(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3})^{1/3} \right) + \right. \\
& \quad \left. 3 \left(\frac{2n}{3} + \frac{(1 - i\sqrt{3})(2187 - 1458n)}{4374(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3})^{1/3}} - \frac{1}{6}(1 + i\sqrt{3}) \right. \right. \\
& \quad \left. \left. (3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3})^{1/3} \right)^2 \right) \Bigg), \\
& d3 \rightarrow \left(-21 + 88n - 48n^2 + 8n^3 - 27 \left(\frac{2n}{3} + \frac{(1 - i\sqrt{3})(2187 - 1458n)}{4374(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3})^{1/3}} - \right. \right. \\
& \quad \left. \left. \frac{1}{6}(1 + i\sqrt{3})(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3})^{1/3} \right) - \right. \\
& \quad \left. \frac{9}{2} \left(6n - 3 \left(\frac{2n}{3} + \frac{(1 - i\sqrt{3})(2187 - 1458n)}{4374(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3})^{1/3}} - \right. \right. \right. \\
& \quad \left. \left. \left. \frac{1}{6}(1 + i\sqrt{3})(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3})^{1/3} \right) - \right. \right. \\
& \quad \left. \left. \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} + \frac{(1 - i\sqrt{3})(2187 - 1458n)}{4374(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3})^{1/3}} - \right. \right. \right. \right. \right. \\
& \quad \left. \left. \left. \left. \frac{1}{6}(1 + i\sqrt{3})(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3})^{1/3} \right) \right)^2 \right) - \right. \\
& \quad \left. 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} + \frac{(1 - i\sqrt{3})(2187 - 1458n)}{4374(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3})^{1/3}} - \right. \right. \right.
\end{aligned}$$

$$\begin{aligned}
& \frac{1}{6} \left(1 + i \sqrt{3} \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \Bigg) + 3 \\
& \left(\frac{2n}{3} + \frac{(1 - i \sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} (1 + i \sqrt{3}) \right. \\
& \quad \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \Bigg) \Bigg) + \\
& \frac{9}{2} \left(\frac{2n}{3} + \frac{(1 - i \sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} (1 + i \sqrt{3}) \right. \\
& \quad \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \\
& \left(6n - 3 \left(\frac{2n}{3} + \frac{(1 - i \sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \\
& \quad \left. \left. \frac{1}{6} (1 + i \sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) - \right. \\
& \quad \left. \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} + \frac{(1 - i \sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \right. \right. \\
& \quad \left. \left. \left. \frac{1}{6} (1 + i \sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right)^2 - \right. \\
& \quad \left. 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} + \frac{(1 - i \sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \right. \\
& \quad \left. \left. \left. \frac{1}{6} (1 + i \sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + 3 \right) \right)
\end{aligned}$$

[illegible]

[illegible]

$$\begin{aligned}
d2 \rightarrow & \frac{1}{6} \left(6n - 3 \left(\frac{2n}{3} + \frac{(1 - i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \\
& \left. \left. \frac{1}{6} (1 + i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + \right. \\
& \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} + \frac{(1 - i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \\
& \left. \left. \left. \frac{1}{6} (1 + i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right)^2 - \right. \\
& 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} + \frac{(1 - i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} \right. \right. \\
& \left. \left. (1 + i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + \right. \\
& 3 \left(\frac{2n}{3} + \frac{(1 - i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} (1 + i\sqrt{3}) \right. \\
& \left. \left. \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \right) \Bigg), \\
d3 \rightarrow & \left(-21 + 88n - 48n^2 + 8n^3 - 27 \left(\frac{2n}{3} + \frac{(1 - i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \\
& \left. \left. \frac{1}{6} (1 + i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) - \right. \\
& \left. \frac{9}{2} \left(6n - 3 \left(\frac{2n}{3} + \frac{(1 - i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right.
\end{aligned}$$

$$\begin{aligned}
& \frac{1}{6} \left(1 + i \sqrt{3} \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \Bigg) + \\
& \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} + \frac{(1 - i \sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \\
& \quad \left. \left. \left. \frac{1}{6} \left(1 + i \sqrt{3} \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right)^2 - \right. \\
& \quad \left. 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} + \frac{(1 - i \sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \\
& \quad \left. \left. \left. \frac{1}{6} \left(1 + i \sqrt{3} \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + 3 \right. \right. \\
& \quad \left. \left(\frac{2n}{3} + \frac{(1 - i \sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} \left(1 + i \sqrt{3} \right) \right. \right. \\
& \quad \left. \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right)^2 \Bigg) \Bigg) + \\
& \frac{9}{2} \left(\frac{2n}{3} + \frac{(1 - i \sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} \left(1 + i \sqrt{3} \right) \right. \\
& \quad \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \\
& \left(6n - 3 \left(\frac{2n}{3} + \frac{(1 - i \sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \\
& \quad \left. \left. \frac{1}{6} \left(1 + i \sqrt{3} \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + \right.
\end{aligned}$$

$$\sqrt{\left(\left(-6n+3\left(\frac{2n}{3}+\frac{(1-i\sqrt{3})(2187-1458n)}{4374(3-n+\sqrt{36-60n+37n^2-8n^3})^{1/3}}-\frac{1}{6}(1+i\sqrt{3})(3-n+\sqrt{36-60n+37n^2-8n^3})^{1/3}\right)^2-12\left(3-2n+4n^2-6n\left(\frac{2n}{3}+\frac{(1-i\sqrt{3})(2187-1458n)}{4374(3-n+\sqrt{36-60n+37n^2-8n^3})^{1/3}}-\frac{1}{6}(1+i\sqrt{3})(3-n+\sqrt{36-60n+37n^2-8n^3})^{1/3}\right)+3\left(\frac{2n}{3}+\frac{(1-i\sqrt{3})(2187-1458n)}{4374(3-n+\sqrt{36-60n+37n^2-8n^3})^{1/3}}-\frac{1}{6}(1+i\sqrt{3})(3-n+\sqrt{36-60n+37n^2-8n^3})^{1/3}\right)^2\right)\right)/\left(27-27\left(\frac{2n}{3}+\frac{(1-i\sqrt{3})(2187-1458n)}{4374(3-n+\sqrt{36-60n+37n^2-8n^3})^{1/3}}-\frac{1}{6}(1+i\sqrt{3})(3-n+\sqrt{36-60n+37n^2-8n^3})^{1/3}\right)-\left(3-n+\sqrt{36-60n+37n^2-8n^3}\right)^{1/3}\right)-9\left(6n-3\left(\frac{2n}{3}+\frac{(1-i\sqrt{3})(2187-1458n)}{4374(3-n+\sqrt{36-60n+37n^2-8n^3})^{1/3}}-\frac{1}{6}(1+i\sqrt{3})(3-n+\sqrt{36-60n+37n^2-8n^3})^{1/3}\right)+\left(3-n+\sqrt{36-60n+37n^2-8n^3}\right)^{1/3}\right)\right)}$$

$$\begin{aligned}
& \left. \left. \left. \frac{1}{6} \left(1 + \mathfrak{i} \sqrt{3} \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \right) - \\
& 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} + \frac{\left(1 - \mathfrak{i} \sqrt{3} \right) (2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \\
& \left. \left. \frac{1}{6} \left(1 + \mathfrak{i} \sqrt{3} \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + 3 \right. \\
& \left. \left(\frac{2n}{3} + \frac{\left(1 - \mathfrak{i} \sqrt{3} \right) (2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} \left(1 + \mathfrak{i} \sqrt{3} \right) \right. \right. \\
& \left. \left. \left. \left. \left. \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \right) \right) \right) \right) + \\
& \frac{9}{2} \left(\frac{2n}{3} + \frac{\left(1 - \mathfrak{i} \sqrt{3} \right) (2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} \left(1 + \mathfrak{i} \sqrt{3} \right) \right. \\
& \left. \left. \left. \left. \left. \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right) \right) \right) \right) \\
& \left(6n - 3 \left(\frac{2n}{3} + \frac{\left(1 - \mathfrak{i} \sqrt{3} \right) (2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \\
& \left. \left. \frac{1}{6} \left(1 + \mathfrak{i} \sqrt{3} \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) + \right. \\
& \left. \sqrt{\left(\left(-6n + 3 \left(\frac{2n}{3} + \frac{\left(1 - \mathfrak{i} \sqrt{3} \right) (2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \right. \right. \right. \\
& \left. \left. \left. \frac{1}{6} \left(1 + \mathfrak{i} \sqrt{3} \right) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right) \right)^2 \right) \right) -
\end{aligned}$$

$$\begin{aligned}
& 12 \left(3 - 2n + 4n^2 - 6n \left(\frac{2n}{3} + \frac{(1 - i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \right. \right. \\
& \quad \left. \left. \frac{1}{6} (1 + i\sqrt{3}) \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} + 3 \right) \right. \\
& \quad \left(\frac{2n}{3} + \frac{(1 - i\sqrt{3})(2187 - 1458n)}{4374 \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3}} - \frac{1}{6} (1 + i\sqrt{3}) \right. \\
& \quad \left. \left. \left(3 - n + \sqrt{36 - 60n + 37n^2 - 8n^3} \right)^{1/3} \right)^2 \right) \left. \right\}
\end{aligned}$$

$$(14) \{d1 \rightarrow 1, d2 \rightarrow 2, n \rightarrow 2\}$$

$$(15) \{d1 \rightarrow 1, d3 \rightarrow 2, n \rightarrow 2\}$$

$$(16) \{d1 \rightarrow 2, d2 \rightarrow 1, n \rightarrow 2\}$$

$$(17) \{d1 \rightarrow 2, d3 \rightarrow 1, n \rightarrow 2\}$$

$$(18) \{d2 \rightarrow 1, d3 \rightarrow 2, n \rightarrow 2\}$$

$$(19) \{d2 \rightarrow 2, d3 \rightarrow 1, n \rightarrow 2\}$$

$$(20) \{d1 \rightarrow 2, d2 \rightarrow 1, d3 \rightarrow 2, n \rightarrow 2\}$$