

> **Cos(Pi/257);**

$$\begin{aligned}
 & \frac{1}{256} - \frac{1}{256} \sqrt{257} - \frac{1}{256} \sqrt{514 - 2 \sqrt{257}} \\
 & - \frac{1}{256} \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} - \frac{1}{256} \text{sqrt}\left( 2056 \right. \\
 & - 72 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \\
 & \left. - 2(1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \right) \\
 & \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
 & - 32 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
 & - 32 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \sqrt{514 + 2 \sqrt{257}} \\
 & - 64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \left. \right) + \frac{1}{256} \text{sqrt}\left( \right. \\
 & - 64 \text{sqrt}\left( 2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + \right. \\
 & \left. \left. 2(1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}}) \right) \right) \\
 & \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
 & + 32 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
 & + 32 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \\
 & + 64 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \left. \right) - 64 \text{sqrt}\left( 2056 \right. \\
 & - 72 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \\
 & \left. - 2(1 - \sqrt{257} + \sqrt{514 - 2 \sqrt{257}}) \right) \\
 & \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
 & + 32 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
 & - 32 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} + 64 \sqrt{514 + 2 \sqrt{257}} \\
 & - 64 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \left. \right) + 4112 \\
 & + 58 \sqrt{514 - 2 \sqrt{257}} - 64 \text{sqrt}\left( 2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} \right. \\
 & \left. - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 2(1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}}) \right) \\
 & \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
 & - 32 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \\
 & - 64 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
 & - 32 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \left. \right) - 192 \sqrt{514 + 2 \sqrt{257}} \\
 & - 16 \sqrt{257} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
 & + 2 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \sqrt{257} - 2 \left( 1 - \sqrt{257} \right. \\
 & \left. - \sqrt{514 - 2 \sqrt{257}} - \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right) \text{sqrt}\left( \right.
 \end{aligned}$$

$$\begin{aligned}
& 2056 - 72 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \\
& - 2 (1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \\
& \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \sqrt{514 + 2 \sqrt{257}} \\
& - 64 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& - 2 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}} \\
& - 96 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 96 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 64 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 6 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} \\
& - 2 (1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \\
& \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \operatorname{sqrt}\left( 2056 - 72 \sqrt{257} \right. \\
& \left. + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. - 2 (1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \right. \\
& \left. \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \sqrt{514 + 2 \sqrt{257}} \right. \\
& \left. - 64 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right) + \frac{1}{256} \operatorname{sqrt}\left( 8224 - \right. \\
& 192 \operatorname{sqrt}\left( 2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} \right. \\
& \left. - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 2 (1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}}) \right. \\
& \left. \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. + 64 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \right) \\
& - 128 \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} - 64 \operatorname{sqrt}\left( 2056 \right. \\
& \left. - 72 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. - 2 (1 - \sqrt{257} + \sqrt{514 - 2 \sqrt{257}}) \right. \\
& \left. \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} + 64 \sqrt{514 + 2 \sqrt{257}} \right. \\
& \left. - 64 \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \right) + 114 \sqrt{514 - 2 \sqrt{257}} -
\end{aligned}$$

$$\begin{aligned}
& 64 \sqrt[3]{2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \\
& - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 2(1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}}) \\
& \sqrt[3]{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& - 32 \sqrt[3]{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \\
& - 64 \sqrt[3]{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt[3]{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 128 \sqrt[3]{\phantom{2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} +}} \\
-64 \sqrt[3]{\phantom{2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} +} \\
2(1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}})} \\
& \sqrt[3]{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 32 \sqrt[3]{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 32 \sqrt[3]{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \\
& + 64 \sqrt[3]{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
& + 96 \sqrt[3]{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}} + 2(1 + \sqrt{257} \\
& - \sqrt{514 + 2 \sqrt{257}}) \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& - 6 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 64 \sqrt[3]{2056 - 72 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \\
& - 2(1 - \sqrt{257} + \sqrt{514 - 2 \sqrt{257}}) \\
& \sqrt[3]{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
& + 32 \sqrt[3]{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt[3]{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} + 64 \sqrt{514 + 2 \sqrt{257}} \\
& - 64 \sqrt[3]{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 4112 \\
& + 192 \sqrt{514 - 2 \sqrt{257}} + 58 \sqrt{514 + 2 \sqrt{257}} \\
& - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \\
& + 2 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \sqrt{257} - 2 \left( 1 + \sqrt{257} \right. \\
& \left. - \sqrt{514 + 2 \sqrt{257}} + \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right) \sqrt[3]{\phantom{2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} +}} \\
2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + \\
(1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}}) \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
+ 32 \sqrt[3]{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
+ 32 \sqrt[3]{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \\
+ 64 \sqrt[3]{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} + 64 \sqrt[3]{2056} \\
- 72 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}
\end{aligned}$$

$$\begin{aligned}
& + 2(1 - \sqrt{257} + \sqrt{514 - 2\sqrt{257}}) \\
& \sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& + 32\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} + 64\sqrt{514 + 2\sqrt{257}} \\
& + 64\sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}} + 16\sqrt{257} \\
& + 64\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} \\
& - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} \\
& + 96\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& + 2\sqrt{1028 - 60\sqrt{257} + 30\sqrt{514 + 2\sqrt{257}} - 2\sqrt{514 + 2\sqrt{257}}\sqrt{257} - 64\sqrt{2056 + 72\sqrt{257}}} \\
& - 30\sqrt{514 + 2\sqrt{257}} + 2\sqrt{514 + 2\sqrt{257}}\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 2(1 + \sqrt{257}) \\
& + \sqrt{514 + 2\sqrt{257}}\sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}} \\
& - 64\sqrt{514 - 2\sqrt{257}} - 64\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& + 32\sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}} \Big) \\
& - 256\sqrt{514 + 2\sqrt{257}} + 224\sqrt{257} \\
& + 6\sqrt{514 - 2\sqrt{257}}\sqrt{1028 + 60\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257}} \\
& + 6\sqrt{1028 + 60\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257}}\sqrt{257} - 2 \left( 1 - \sqrt{257} \right. \\
& \left. - \sqrt{514 - 2\sqrt{257}} - \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \right) \sqrt{2056 - 72\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}}} \\
& - 2(1 - \sqrt{257} - \sqrt{514 - 2\sqrt{257}}) \\
& \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} - 64\sqrt{514 + 2\sqrt{257}} \\
& - 64\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& - 38\sqrt{1028 + 60\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}}} \\
& - 96\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 96\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} \\
& + 64\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& - 64\sqrt{1028 - 60\sqrt{257} + 30\sqrt{514 + 2\sqrt{257}} - 2\sqrt{514 + 2\sqrt{257}}\sqrt{257} + 14\sqrt{514 - 2\sqrt{257}}\sqrt{257}} \\
& - 2(1 - \sqrt{257} - \sqrt{514 - 2\sqrt{257}}) \\
& \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} - 128\sqrt{2056 + 72\sqrt{257}} \\
& - 30\sqrt{514 + 2\sqrt{257}} + 2\sqrt{514 + 2\sqrt{257}}\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 2(1 + \sqrt{257})
\end{aligned}$$



$$\begin{aligned}
& -2(1 - \sqrt{257} - \sqrt{514 - 2\sqrt{257}}) \\
& \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} - 64\sqrt{514 + 2\sqrt{257}} \\
& - 64\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}) \Big) \text{sqrt} \Big( \\
& -64 \text{sqrt} \Big( 2056 + 72\sqrt{257} + 30\sqrt{514 + 2\sqrt{257}} - 2\sqrt{514 + 2\sqrt{257}}\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + \\
& 2(1 + \sqrt{257} - \sqrt{514 + 2\sqrt{257}}) \\
& \sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& + 32\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& + 32\sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}} + 64\sqrt{514 - 2\sqrt{257}} \\
& + 64\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}) - 64 \text{sqrt} \Big( 2056 \\
& - 72\sqrt{257} - 30\sqrt{514 - 2\sqrt{257}} - 2\sqrt{514 - 2\sqrt{257}}\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} \\
& - 2(1 - \sqrt{257} + \sqrt{514 - 2\sqrt{257}}) \\
& \sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} \\
& + 32\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} + 64\sqrt{514 + 2\sqrt{257}} \\
& - 64\sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}) + 4112 \\
& + 58\sqrt{514 - 2\sqrt{257}} - 64 \text{sqrt} \Big( 2056 + 72\sqrt{257} + 30\sqrt{514 + 2\sqrt{257}} - 2\sqrt{514 + 2\sqrt{257}}\sqrt{257} \\
& - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 2(1 + \sqrt{257} - \sqrt{514 + 2\sqrt{257}}) \\
& \sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& - 32\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} + 64\sqrt{514 - 2\sqrt{257}} \\
& - 64\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}) - 192\sqrt{514 + 2\sqrt{257}} \\
& - 16\sqrt{257} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{1028 + 60\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257}} \\
& + 2\sqrt{1028 + 60\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257}}\sqrt{257} - 2 \Big( 1 - \sqrt{257} \\
& - \sqrt{514 - 2\sqrt{257}} - \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \Big) \text{sqrt} \Big( \\
& 2056 - 72\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} \\
& - 2(1 - \sqrt{257} - \sqrt{514 - 2\sqrt{257}}) \\
& \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} - 64\sqrt{514 + 2\sqrt{257}}
\end{aligned}$$

$$\begin{aligned}
& -64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& -2 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}} \\
& -96 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& -96 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
& -64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 6 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} \\
& -2(1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \\
& \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \operatorname{sqrt}\left(2056 - 72 \sqrt{257}\right. \\
& \left. + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}\right. \\
& \left. - 2(1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}})\right) \\
& \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \sqrt{514 + 2 \sqrt{257}} \\
& - 64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}) \left. + 128 \operatorname{sqrt}\left(64 \operatorname{sqrt}\left(2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 2(1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}}) \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}} + 64 \sqrt{514 - 2 \sqrt{257}} + 64 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}}\right) - 96 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}} + 6 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} + 4112 - 192 \sqrt{514 - 2 \sqrt{257}} - 2(1 + \sqrt{257} + \sqrt{514 + 2 \sqrt{257}})\right) \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} - 58 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{1028 - 60 \sqrt{257} - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} - 2 \sqrt{1028 - 60 \sqrt{257} - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \sqrt{257} - 2 \left(1 + \sqrt{257} + \sqrt{514 + 2 \sqrt{257}} - \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}}\right) \operatorname{sqrt}\left(2056 + 72 \sqrt{257} - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 2(1 + \sqrt{257} + \sqrt{514 + 2 \sqrt{257}})\right) \\
& \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 32 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} - 64 \sqrt{514 - 2 \sqrt{257}} \\
& + 64 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} + 64 \operatorname{sqrt}\left(2056\right. \\
& \left. - 72 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}\right)
\end{aligned}$$

$$\begin{aligned}
& + 2(1 - \sqrt{257} - \sqrt{514 - 2\sqrt{257}}) \\
& \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& + 32\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} - 64\sqrt{514 + 2\sqrt{257}} \\
& + 64\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& + 32\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} \\
& - 2\sqrt{1028 - 60\sqrt{257} - 30\sqrt{514 + 2\sqrt{257}} + 2\sqrt{514 + 2\sqrt{257}}\sqrt{257} + 16\sqrt{257}} \\
& + 64\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} \\
& + 96\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} - 64\sqrt{2056} \\
& + 72\sqrt{257} - 30\sqrt{514 + 2\sqrt{257}} + 2\sqrt{514 + 2\sqrt{257}}\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 2(1 \\
& + \sqrt{257} + \sqrt{514 + 2\sqrt{257}})\sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}} \\
& + 32\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& - 32\sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}} - 64\sqrt{514 - 2\sqrt{257}} \\
& + 64\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} + 64\sqrt{2056} \\
& - 72\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} \\
& - 2(1 - \sqrt{257} - \sqrt{514 - 2\sqrt{257}}) \\
& \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} - 64\sqrt{514 + 2\sqrt{257}} \\
& - 64\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}) \\
& - 32\sqrt{1028 + 60\sqrt{257} - 30\sqrt{514 - 2\sqrt{257}} - 2\sqrt{514 - 2\sqrt{257}}\sqrt{257} - 2\sqrt{2056 - 72\sqrt{257}}} \\
& + 28\sqrt{514 - 2\sqrt{257}} + 4\sqrt{514 - 2\sqrt{257}}\sqrt{257} \\
& - 34\sqrt{1028 + 60\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257}} \\
& + 2\sqrt{1028 + 60\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257}}\sqrt{257} \\
& + 2\sqrt{514 - 2\sqrt{257}}\sqrt{1028 + 60\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257}} \\
& - 32\sqrt{1028 + 60\sqrt{257} - 30\sqrt{514 - 2\sqrt{257}} - 2\sqrt{514 - 2\sqrt{257}}\sqrt{257} - 64\sqrt{514 + 2\sqrt{257}}} \\
& - 64\sqrt{1028 - 60\sqrt{257} + 30\sqrt{514 + 2\sqrt{257}} - 2\sqrt{514 + 2\sqrt{257}}\sqrt{257}}) + \frac{1}{256}\sqrt{16448 - 192} \\
& \sqrt{2056 + 72\sqrt{257} + 30\sqrt{514 + 2\sqrt{257}} - 2\sqrt{514 + 2\sqrt{257}}\sqrt{257}} \\
& - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 2(1 + \sqrt{257} - \sqrt{514 + 2\sqrt{257}}) \\
& \sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& + 32\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}}
\end{aligned}$$



$$\begin{aligned}
& + 32 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \\
& + 64 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 128 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 256 \operatorname{sqrt}\left(8224 + 192 \right. \\
& \operatorname{sqrt}\left(2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} \right. \\
& \left. - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 2(1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}}) \right. \\
& \left. \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. + 64 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \right) \\
& - 128 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \operatorname{sqrt}\left(2056 \right. \\
& \left. - 72 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. - 2(1 - \sqrt{257} + \sqrt{514 - 2 \sqrt{257}}) \right. \\
& \left. \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} + 64 \sqrt{514 + 2 \sqrt{257}} \right. \\
& \left. - 64 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \right) + 114 \sqrt{514 - 2 \sqrt{257}} - \\
& 64 \operatorname{sqrt}\left(2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} \right. \\
& \left. - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 2(1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}}) \right. \\
& \left. \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. - 64 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \right) - 256 \sqrt{514 + 2 \sqrt{257}} - \\
& 128 \operatorname{sqrt}\left( \right. \\
& -64 \operatorname{sqrt}\left(2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + \right. \\
& \left. 2(1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}}) \right. \\
& \left. \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. + 64 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \right) \\
& - 96 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}}
\end{aligned}$$

$$\begin{aligned}
& + 6 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} + 4112 - 192 \sqrt{514 - 2 \sqrt{257}} - 2 (1 + \sqrt{257} + \sqrt{514 + 2 \sqrt{257}}) \\
& \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}} - 58 \sqrt{514 + 2 \sqrt{257}}} \\
& - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{1028 - 60 \sqrt{257} - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \\
& - 2 \sqrt{1028 - 60 \sqrt{257} - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \sqrt{257} + 2 \left( 1 + \sqrt{257} \right. \\
& \left. + \sqrt{514 + 2 \sqrt{257}} - \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \right) \text{sqrt} \left( \right. \\
& 2056 + 72 \sqrt{257} - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 2 \\
& \left. (1 + \sqrt{257} + \sqrt{514 + 2 \sqrt{257}}) \right) \\
& \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 32 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} - 64 \sqrt{514 - 2 \sqrt{257}} \\
& + 64 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \text{sqrt} \left( 2056 \right. \\
& \left. - 72 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. + 2 (1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \right) \\
& \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& + 32 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \sqrt{514 + 2 \sqrt{257}} \\
& + 64 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 32 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 2 \sqrt{1028 - 60 \sqrt{257} - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} + 16 \sqrt{257} \\
& + 64 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} \\
& + 96 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \text{sqrt} \left( 2056 \right. \\
& \left. + 72 \sqrt{257} - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 2 (1 \right. \\
& \left. + \sqrt{257} + \sqrt{514 + 2 \sqrt{257}}) \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} - 64 \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. + 64 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right) - 64 \text{sqrt} \left( 2056 \right. \\
& \left. - 72 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. - 2 (1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \right) \\
& \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \sqrt{514 + 2 \sqrt{257}} \\
& \left. - 64 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right) + 2 \left( 1 - \sqrt{257} \right.
\end{aligned}$$

$$\begin{aligned}
& -\sqrt{514 - 2\sqrt{257}} - \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} + \text{sqrt}\left( \right. \\
& 2056 - 72\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} \\
& \left. - 2(1 - \sqrt{257} - \sqrt{514 - 2\sqrt{257}}) \right) \\
& \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} - 64\sqrt{514 + 2\sqrt{257}} \\
& - 64\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \Big) \text{sqrt}\left( 64\text{sqrt}\left( 2056 \right. \right. \\
& + 72\sqrt{257} + 30\sqrt{514 + 2\sqrt{257}} - 2\sqrt{514 + 2\sqrt{257}}\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 2(1 \\
& + \sqrt{257} - \sqrt{514 + 2\sqrt{257}})\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& + 32\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& + 32\sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}} + 64\sqrt{514 - 2\sqrt{257}} \\
& + 64\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} \Big) + 64\text{sqrt}\left( 2056 \right. \\
& - 72\sqrt{257} - 30\sqrt{514 - 2\sqrt{257}} - 2\sqrt{514 - 2\sqrt{257}}\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} \\
& \left. - 2(1 - \sqrt{257} + \sqrt{514 - 2\sqrt{257}}) \right) \\
& \sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} \\
& + 32\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} + 64\sqrt{514 + 2\sqrt{257}} \\
& - 64\sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}} \Big) + 4112 \\
& + 58\sqrt{514 - 2\sqrt{257}} + 64\text{sqrt}\left( 2056 + 72\sqrt{257} + 30\sqrt{514 + 2\sqrt{257}} - 2\sqrt{514 + 2\sqrt{257}}\sqrt{257} \right. \\
& \left. - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 2(1 + \sqrt{257} - \sqrt{514 + 2\sqrt{257}}) \right) \\
& \sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& - 32\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} + 64\sqrt{514 - 2\sqrt{257}} \\
& - 64\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}} \Big) - 192\sqrt{514 + 2\sqrt{257}} \\
& - 16\sqrt{257} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{1028 + 60\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257}} \\
& + 2\sqrt{1028 + 60\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257}}\sqrt{257} + 2\left( 1 - \sqrt{257} \right. \\
& \left. - \sqrt{514 - 2\sqrt{257}} - \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \right) \text{sqrt}\left( \right. \\
& 2056 - 72\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} \\
& \left. - 2(1 - \sqrt{257} - \sqrt{514 - 2\sqrt{257}}) \right) \\
& \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} - 64\sqrt{514 + 2\sqrt{257}}
\end{aligned}$$

$$\begin{aligned}
& -64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& -2 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}} \\
& -96 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& -96 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
& -64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 6 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} \\
& -2(1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \\
& \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}} + 64 \text{sqrt}\left(2056 - 72 \sqrt{257} \right. \\
& \left. + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. - 2(1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \right) \\
& \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& -32 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& -32 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \sqrt{514 + 2 \sqrt{257}} \\
& -64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \Big) + 128 \text{sqrt}\left(64 \text{sqrt}\left( \right. \right. \\
& \left. \left. 2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 2 \right. \right. \\
& \left. \left. (1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}}) \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right. \right. \\
& \left. \left. + 32 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right. \right. \\
& \left. \left. + 32 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \right. \right. \\
& \left. \left. + 64 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \right) \right) \\
& + 96 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}} + 2(1 + \sqrt{257}) \\
& - \sqrt{514 + 2 \sqrt{257}}) \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& - 6 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} + 64 \text{sqrt}\left(2056 - 72 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} \right. \\
& \left. + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \right) \\
& - 2(1 - \sqrt{257} + \sqrt{514 - 2 \sqrt{257}}) \\
& \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
& + 32 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} + 64 \sqrt{514 + 2 \sqrt{257}} \\
& - 64 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \Big) + 4112 \\
& + 192 \sqrt{514 - 2 \sqrt{257}} + 58 \sqrt{514 + 2 \sqrt{257}} \\
& - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \\
& + 2 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \sqrt{257} + 2 \left(1 + \sqrt{257} \right. \\
& \left. - \sqrt{514 + 2 \sqrt{257}} + \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right) \text{sqrt}\left( \right.
\end{aligned}$$

$$\begin{aligned}
& 2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 2 \\
& (1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}}) \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}}} + 32 \sqrt{514 + 2 \sqrt{257}} \\
& + 32 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}}} + 32 \sqrt{514 + 2 \sqrt{257}} \\
& + 32 \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}}} - 32 \sqrt{514 + 2 \sqrt{257}} + 64 \sqrt{514 - 2 \sqrt{257}} \\
& + 64 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}} - 32 \sqrt{514 - 2 \sqrt{257}} - 64 \sqrt{2056} \\
& - 72 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \\
& + 2 (1 - \sqrt{257} + \sqrt{514 - 2 \sqrt{257}}) \\
& \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}} - 32 \sqrt{514 - 2 \sqrt{257}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}} + 32 \sqrt{514 - 2 \sqrt{257}} \\
& + 32 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}} - 32 \sqrt{514 - 2 \sqrt{257}} + 64 \sqrt{514 + 2 \sqrt{257}} \\
& + 64 \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}}} - 32 \sqrt{514 + 2 \sqrt{257}} + 16 \sqrt{257} \\
& + 64 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}} - 32 \sqrt{514 - 2 \sqrt{257}} \\
& - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} \\
& + 96 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}}} + 32 \sqrt{514 + 2 \sqrt{257}} \\
& + 2 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} + 64 \sqrt{2056 + 72 \sqrt{257}} \\
& - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 2 (1 + \sqrt{257}) \\
& + \sqrt{514 + 2 \sqrt{257}} \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}}} - 32 \sqrt{514 + 2 \sqrt{257}} \\
& - 64 \sqrt{514 - 2 \sqrt{257}} - 64 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}} + 32 \sqrt{514 - 2 \sqrt{257}} \\
& - 32 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}}} + 32 \sqrt{514 + 2 \sqrt{257}} \\
& + 32 \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}}} - 32 \sqrt{514 + 2 \sqrt{257}} \Big) + 224 \sqrt{257} \\
& + 6 \sqrt{514 - 2 \sqrt{257}} \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& + 6 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \sqrt{257} + 2 \left( 1 - \sqrt{257} \right. \\
& \left. - \sqrt{514 - 2 \sqrt{257}} - \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}} + 32 \sqrt{514 - 2 \sqrt{257}} \right) \sqrt{2056} \\
& - 72 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \\
& - 2 (1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \\
& \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}} + 32 \sqrt{514 - 2 \sqrt{257}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}} + 32 \sqrt{514 - 2 \sqrt{257}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}} - 32 \sqrt{514 - 2 \sqrt{257}} - 64 \sqrt{514 + 2 \sqrt{257}} \\
& - 64 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}}} + 32 \sqrt{514 + 2 \sqrt{257}} \Big) \\
& - 38 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \\
& - 96 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}} + 32 \sqrt{514 - 2 \sqrt{257}} \\
& - 96 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}} - 32 \sqrt{514 - 2 \sqrt{257}}
\end{aligned}$$



















$$\begin{aligned}
& -2 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} \sqrt{257}} \\
& + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} \sqrt{257}} \\
& + 64 \sqrt{514 - 2 \sqrt{257}} - 64 \sqrt{1028 + 60 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} \sqrt{257}} \\
& - 32 \sqrt{1028 - 60 \sqrt{257} - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} \sqrt{257}} - 64 \sqrt{2056 + 72 \sqrt{257}} \\
& + 28 \sqrt{514 + 2 \sqrt{257}} - 4 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} \\
& + 34 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} \sqrt{257}} \\
& + 2 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} \sqrt{257}} \\
& - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} \sqrt{257}} \\
& + 32 \sqrt{1028 - 60 \sqrt{257} - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} \sqrt{257}} + 64 \sqrt{514 - 2 \sqrt{257}} \\
& + 64 \sqrt{1028 + 60 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} \sqrt{257}} + 2 \left( 1 - \sqrt{257} \right. \\
& \left. - \sqrt{514 - 2 \sqrt{257}} - \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}} - \sqrt{2056 - 72 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 2(1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}})} \right. \\
& \left. \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \sqrt{514 + 2 \sqrt{257}} \right. \\
& \left. - 64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right) + \sqrt{2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 2(1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}})} \\
& \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 32 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 32 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \\
& + 64 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \sqrt{2056 - 72 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 2(1 - \sqrt{257} + \sqrt{514 - 2 \sqrt{257}})} \\
& \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
& + 32 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} + 64 \sqrt{514 + 2 \sqrt{257}} \\
& - 64 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 4112 \\
& + 58 \sqrt{514 - 2 \sqrt{257}} - 64 \sqrt{2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 2(1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}})} \\
& - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 2(1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}})
\end{aligned}$$

$$\begin{aligned}
& \sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& - 32\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} + 64\sqrt{514 - 2\sqrt{257}} \\
& - 64\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}} - 192\sqrt{514 + 2\sqrt{257}} \\
& - 16\sqrt{257 + 2\sqrt{514 - 2\sqrt{257}}}\sqrt{1028 + 60\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257}} \\
& + 2\sqrt{1028 + 60\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257}}\sqrt{257} - 2\left(1 - \sqrt{257}\right. \\
& \left. - \sqrt{514 - 2\sqrt{257}} - \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}}\right) \text{sqrt}\left( \right. \\
& \left. 2056 - 72\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} \right. \\
& \left. - 2(1 - \sqrt{257} - \sqrt{514 - 2\sqrt{257}}) \right) \\
& \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} - 64\sqrt{514 + 2\sqrt{257}} \\
& - 64\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& - 2\sqrt{1028 + 60\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257}} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} \\
& - 96\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 96\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} \\
& - 64\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& + 6\sqrt{514 - 2\sqrt{257}}\sqrt{257} \\
& - 2(1 - \sqrt{257} - \sqrt{514 - 2\sqrt{257}}) \\
& \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} - 64\text{sqrt}\left( 2056 - 72\sqrt{257} \right. \\
& \left. + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} \right. \\
& \left. - 2(1 - \sqrt{257} - \sqrt{514 - 2\sqrt{257}}) \right) \\
& \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} - 64\sqrt{514 + 2\sqrt{257}} \\
& - 64\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \left. \right) \text{sqrt}\left( 8224 - 192 \right. \\
& \left. \text{sqrt}\left( 2056 + 72\sqrt{257} + 30\sqrt{514 + 2\sqrt{257}} - 2\sqrt{514 + 2\sqrt{257}}\sqrt{257} \right. \right. \\
& \left. \left. - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 2(1 + \sqrt{257} - \sqrt{514 + 2\sqrt{257}}) \right. \right. \\
& \left. \left. \sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \right. \right. \\
& \left. \left. + 32\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \right. \right. \\
& \left. \left. + 32\sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}} + 64\sqrt{514 - 2\sqrt{257}} \right. \right.
\end{aligned}$$





$$\begin{aligned}
& + 2 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} \sqrt{257} - 2} \left( 1 + \sqrt{257} \right. \\
& \left. - \sqrt{514 + 2 \sqrt{257}} + \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right) \text{sqrt} \left( \right. \\
& 2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 2 \\
& (1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}}) \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 32 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 32 \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \\
& + 64 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \left. \right) + 64 \text{sqrt} \left( 2056 \right. \\
& \left. - 72 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. + 2 (1 - \sqrt{257} + \sqrt{514 - 2 \sqrt{257}}) \right. \\
& \left. \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} + 64 \sqrt{514 + 2 \sqrt{257}} \right. \\
& \left. + 64 \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \right) + 16 \sqrt{257} \\
& + 64 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} \\
& + 96 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 2 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 64 \text{sqrt} \left( 2056 + 72 \sqrt{257} \right. \\
& \left. - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 2 (1 + \sqrt{257}) \right. \\
& \left. + \sqrt{514 + 2 \sqrt{257}} \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \right. \\
& \left. - 64 \sqrt{514 - 2 \sqrt{257}} - 64 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \right) \left. \right) \\
& - 256 \sqrt{514 + 2 \sqrt{257}} + 224 \sqrt{257} \\
& + 6 \sqrt{514 - 2 \sqrt{257}} \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& + 6 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} \sqrt{257} - 2} \left( 1 - \sqrt{257} \right. \\
& \left. - \sqrt{514 - 2 \sqrt{257}} - \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right) \text{sqrt} \left( \right. \\
& 2056 - 72 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \\
& \left. - 2 (1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \right. \\
& \left. \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \sqrt{514 + 2 \sqrt{257}} \right.
\end{aligned}$$

$$\begin{aligned}
& -64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& -38 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}} \\
& -96 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& -96 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
& +64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& -64 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} + 14 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& -2(1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \\
& \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} - 128 \operatorname{sqrt}\left(2056 + 72 \sqrt{257}\right. \\
& \left. - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 2(1 + \sqrt{257}) \right. \\
& \left. + \sqrt{514 + 2 \sqrt{257}} \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}}\right. \\
& \left. + 32 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}}\right. \\
& \left. - 32 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} - 64 \sqrt{514 - 2 \sqrt{257}}\right. \\
& \left. + 64 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}}\right) - 64 \operatorname{sqrt}\left(2056\right. \\
& \left. - 72 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}\right. \\
& \left. - 2(1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}})\right) \\
& \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& -32 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& -32 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \sqrt{514 + 2 \sqrt{257}} \\
& -64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}) + 2 \sqrt{514 - 2 \sqrt{257}} \\
& \operatorname{sqrt}\left(2056 - 72 \sqrt{257} + 28 \sqrt{514 - 2 \sqrt{257}} + 4 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}\right. \\
& \left. - 34 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}}\right. \\
& \left. + 2 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \sqrt{257}\right. \\
& \left. + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}}\right. \\
& \left. - 32 \sqrt{1028 + 60 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} - 64 \sqrt{514 + 2 \sqrt{257}}\right. \\
& \left. - 64 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}}\right) + 2 \\
& \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \operatorname{sqrt}\left(2056 - 72 \sqrt{257}\right. \\
& \left. + 28 \sqrt{514 - 2 \sqrt{257}} + 4 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}\right. \\
& \left. - 34 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}}\right. \\
& \left. + 2 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \sqrt{257}\right. \\
& \left. + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}}\right. \\
& \left. - 32 \sqrt{1028 + 60 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} - 64 \sqrt{514 + 2 \sqrt{257}}\right. \\
& \left. - 64 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}}\right) + 2 \operatorname{sqrt}\left(2056 - 72 \sqrt{257}\right.
\end{aligned}$$

$$\begin{aligned}
& + 28 \sqrt{514 - 2 \sqrt{257}} + 4 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} \\
& - 34 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& + 2 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \sqrt{257} \\
& + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} - 64 \sqrt{514 + 2 \sqrt{257}} \\
& - 64 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \sqrt{257} + 2 \left( 1 - \sqrt{257} \right. \\
& \left. - \sqrt{514 - 2 \sqrt{257}} - \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} - \text{sqrt} \left( \right. \right. \\
& \left. \left. 2056 - 72 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \right. \right. \\
& \left. \left. - 2 (1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \right. \right. \\
& \left. \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \sqrt{514 + 2 \sqrt{257}} \right. \\
& \left. - 64 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right) \text{sqrt} \left( \right. \\
& \left. - 64 \text{sqrt} \left( 2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + \right. \right. \\
& \left. \left. 2 (1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}}) \right. \right. \\
& \left. \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. + 64 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \right) - 64 \text{sqrt} \left( 2056 \right. \\
& \left. - 72 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. - 2 (1 - \sqrt{257} + \sqrt{514 - 2 \sqrt{257}}) \right. \\
& \left. \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} + 64 \sqrt{514 + 2 \sqrt{257}} \right. \\
& \left. - 64 \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \right) + 4112 \\
& + 58 \sqrt{514 - 2 \sqrt{257}} - 64 \text{sqrt} \left( 2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} \right. \\
& \left. - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 2 (1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}}) \right. \\
& \left. \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. - 64 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \right) - 192 \sqrt{514 + 2 \sqrt{257}}
\end{aligned}$$

$$\begin{aligned}
& -16 \sqrt{257} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& + 2 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \sqrt{257} - 2 \left( 1 - \sqrt{257} \right. \\
& \left. - \sqrt{514 - 2 \sqrt{257}} - \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right) \text{sqrt} \left( \right. \\
& 2056 - 72 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \\
& \left. - 2(1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \right. \\
& \left. \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \sqrt{514 + 2 \sqrt{257}} \right. \\
& \left. - 64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right) \\
& - 2 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \\
& - 96 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 96 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 6 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} \\
& - 2(1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \\
& \left. \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \text{sqrt} \left( 2056 - 72 \sqrt{257} \right. \right. \\
& \left. \left. + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \right. \right. \\
& \left. \left. - 2(1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \right. \right. \\
& \left. \left. \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \right. \\
& \left. \left. - 32 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \right. \\
& \left. \left. - 32 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \sqrt{514 + 2 \sqrt{257}} \right. \right. \\
& \left. \left. - 64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right) \right) + 128 \text{sqrt} \left( 64 \text{sqrt} \left( \right. \right. \\
& 2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 2 \\
& (1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}}) \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 32 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 32 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \\
& \left. \left. + 64 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \right) \right) \\
& - 96 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 6 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} + 4112 - 192 \sqrt{514 - 2 \sqrt{257}} - 2(1 + \sqrt{257} + \sqrt{514 + 2 \sqrt{257}}) \\
& \left. \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} - 58 \sqrt{514 + 2 \sqrt{257}} \right. \\
& \left. - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{1028 - 60 \sqrt{257} - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \right. \\
& \left. - 2 \sqrt{1028 - 60 \sqrt{257} - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \sqrt{257} - 2 \left( 1 + \sqrt{257} \right. \right.
\end{aligned}$$

$$\begin{aligned}
& + \sqrt{514 + 2\sqrt{257} - \sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}}} \sqrt{\left( \right. \\
& 2056 + 72\sqrt{257} - 30\sqrt{514 + 2\sqrt{257}} + 2\sqrt{514 + 2\sqrt{257}}\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 2 \\
& \left. (1 + \sqrt{257} + \sqrt{514 + 2\sqrt{257}}) \right)} \\
& \sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}} \\
& + 32\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& - 32\sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}} - 64\sqrt{514 - 2\sqrt{257}} \\
& + 64\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} + 64\sqrt{\left( 2056 \right. \\
& \left. - 72\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} \right. \\
& \left. + 2(1 - \sqrt{257} - \sqrt{514 - 2\sqrt{257}}) \right)} \\
& \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& + 32\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} - 64\sqrt{514 + 2\sqrt{257}} \\
& + 64\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& + 32\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} \\
& - 2\sqrt{1028 - 60\sqrt{257} - 30\sqrt{514 + 2\sqrt{257}} + 2\sqrt{514 + 2\sqrt{257}}\sqrt{257} + 16\sqrt{257}} \\
& + 64\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} \\
& + 96\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} - 64\sqrt{\left( 2056 \right. \\
& \left. + 72\sqrt{257} - 30\sqrt{514 + 2\sqrt{257}} + 2\sqrt{514 + 2\sqrt{257}}\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 2(1 \right. \\
& \left. + \sqrt{257} + \sqrt{514 + 2\sqrt{257}})\sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}} \right. \\
& \left. + 32\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \right. \\
& \left. - 32\sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}} - 64\sqrt{514 - 2\sqrt{257}} \right. \\
& \left. + 64\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} + 64\sqrt{\left( 2056 \right. \\
& \left. - 72\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} \right. \\
& \left. - 2(1 - \sqrt{257} - \sqrt{514 - 2\sqrt{257}}) \right)} \\
& \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} - 64\sqrt{514 + 2\sqrt{257}} \\
& \left. - 64\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \right) \\
& - 32\sqrt{1028 + 60\sqrt{257} - 30\sqrt{514 - 2\sqrt{257}} - 2\sqrt{514 - 2\sqrt{257}}\sqrt{257} - 2}\sqrt{\left( 2056 - 72\sqrt{257} \right. \\
& \left. + 28\sqrt{514 - 2\sqrt{257}} + 4\sqrt{514 - 2\sqrt{257}}\sqrt{257} \right)} \\
& - 34\sqrt{1028 + 60\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257}} \\
& + 2\sqrt{1028 + 60\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257}}
\end{aligned}$$

$$\begin{aligned}
& + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} - 64 \sqrt{514 + 2 \sqrt{257}} \\
& - 64 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \Big) - 64 \operatorname{sqrt}\left( 2056 - 72 \sqrt{257} \right. \\
& - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \\
& \left. - 2 (1 - \sqrt{257} + \sqrt{514 - 2 \sqrt{257}}) \right. \\
& \left. \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \right. \\
& + 32 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} + 64 \sqrt{514 + 2 \sqrt{257}} \\
& \left. - 64 \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \right) + 2 \operatorname{sqrt}\left( \right. \\
& \left. - 64 \operatorname{sqrt}\left( 2056 + 72 \sqrt{257} + 28 \sqrt{514 + 2 \sqrt{257}} - 4 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} \right. \right. \\
& + 34 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \\
& + 2 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \sqrt{257} \\
& - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \\
& + 32 \sqrt{1028 - 60 \sqrt{257} - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} + 64 \sqrt{514 - 2 \sqrt{257}} \\
& \left. + 64 \sqrt{1028 + 60 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \right) - 64 \operatorname{sqrt}\left( 2056 - 72 \sqrt{257} \right. \\
& - 28 \sqrt{514 - 2 \sqrt{257}} - 4 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} \\
& - 34 \sqrt{1028 + 60 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& + 2 \sqrt{1028 + 60 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \sqrt{257} \\
& - 2 \sqrt{1028 + 60 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \sqrt{514 - 2 \sqrt{257}} \\
& + 32 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} + 64 \sqrt{514 + 2 \sqrt{257}} \\
& \left. - 64 \sqrt{1028 - 60 \sqrt{257} - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \right) + 4112 + 56 \sqrt{514 - 2 \sqrt{257}} \\
& 64 \operatorname{sqrt}\left( 2056 + 72 \sqrt{257} + 28 \sqrt{514 + 2 \sqrt{257}} - 4 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} \right. \\
& - 34 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \\
& - 2 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \sqrt{257} \\
& + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \\
& + 64 \sqrt{514 - 2 \sqrt{257}} - 64 \sqrt{1028 + 60 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& \left. - 32 \sqrt{1028 - 60 \sqrt{257} - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \right) - 192 \sqrt{514 + 2 \sqrt{257}} \\
& - 16 \sqrt{257} + 4 \sqrt{514 - 2 \sqrt{257}} \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& + 4 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \sqrt{257} - 66 \operatorname{sqrt}\left( 2056 \right. \\
& \left. - 72 \sqrt{257} + 28 \sqrt{514 - 2 \sqrt{257}} + 4 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} \right)
\end{aligned}$$



$$\begin{aligned}
& -64 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 128 \operatorname{sqrt}\left( \right. \\
& -64 \operatorname{sqrt}\left( 2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + \right. \\
& \left. 2(1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}}) \right. \\
& \left. \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. + 64 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \right) \\
& + 96 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}} + 2(1 + \sqrt{257})} \\
& - \sqrt{514 + 2 \sqrt{257}} \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& - 6 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 64 \operatorname{sqrt}\left( 2056 - 72 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} \right. \\
& \left. + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. - 2(1 - \sqrt{257} + \sqrt{514 - 2 \sqrt{257}}) \right. \\
& \left. \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} + 64 \sqrt{514 + 2 \sqrt{257}} \right. \\
& \left. - 64 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \right) + 4112 \\
& + 192 \sqrt{514 - 2 \sqrt{257}} + 58 \sqrt{514 + 2 \sqrt{257}} \\
& - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \\
& + 2 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}} \sqrt{257} - 2 \left( 1 + \sqrt{257} \right. \\
& \left. - \sqrt{514 + 2 \sqrt{257}} + \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right) \operatorname{sqrt}\left( \right. \\
& 2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 2 \\
& (1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}}) \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& \left. + 32 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. + 64 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \right) + 64 \operatorname{sqrt}\left( 2056 \right. \\
& \left. - 72 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \right. \\
& \left. + 2(1 - \sqrt{257} + \sqrt{514 - 2 \sqrt{257}}) \right. \\
& \left. \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. - 32 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right. \\
& \left. + 32 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} + 64 \sqrt{514 + 2 \sqrt{257}} \right)
\end{aligned}$$



$$\begin{aligned}
& + 64 \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 16 \sqrt{257} \\
& + 64 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} \\
& + 96 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 2 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 64 \text{sqrt} \left( 2056 + 72 \sqrt{257} \right. \\
& - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 2 (1 + \sqrt{257}) \\
& + \sqrt{514 + 2 \sqrt{257}} \left. \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \right) \\
& - 64 \sqrt{514 - 2 \sqrt{257}} - 64 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 32 \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \Big) \\
& - 512 \sqrt{514 + 2 \sqrt{257}} - 64 \sqrt{257} \\
& + 14 \sqrt{514 - 2 \sqrt{257}} \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& + 14 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \sqrt{257} - 2 \left( 1 - \sqrt{257} \right. \\
& - \left. \sqrt{514 - 2 \sqrt{257}} - \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \right) \text{sqrt} \left( \right. \\
& 2056 - 72 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \\
& \left. - 2 (1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \right) \\
& \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \sqrt{514 + 2 \sqrt{257}} \\
& - 64 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& - 174 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \\
& - 352 \sqrt{1028 + 60 \sqrt{257} - 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 96 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} + 256 \text{sqrt} \left( 64 \text{sqrt} \left( 2056 \right. \right. \\
& + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 2 (1 \\
& + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}}) \left. \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \right) \\
& + 32 \sqrt{1028 - 60 \sqrt{257} - 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 32 \sqrt{1028 - 60 \sqrt{257} + 2 (1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \\
& + 64 \sqrt{1028 + 60 \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \Big) + 64 \text{sqrt} \left( 2056 \right. \\
& - 72 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} + 2 (1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \\
& \left. - 2 (1 - \sqrt{257} + \sqrt{514 - 2 \sqrt{257}}) \right)
\end{aligned}$$

$$\begin{aligned}
& \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
& + 32 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} + 64 \sqrt{514 + 2 \sqrt{257}} \\
& - 64 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} + 4112 \\
& + 58 \sqrt{514 - 2 \sqrt{257}} + 64 \operatorname{sqrt}\left(2056 + 72 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}\right. \\
& \left. - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 2(1 + \sqrt{257} - \sqrt{514 + 2 \sqrt{257}})\right) \\
& \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} + 64 \sqrt{514 - 2 \sqrt{257}} \\
& - 64 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} - 192 \sqrt{514 + 2 \sqrt{257}} \\
& - 16 \sqrt{257} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& + 2 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \sqrt{257} + 2 \left(1 - \sqrt{257}\right. \\
& \left. - \sqrt{514 - 2 \sqrt{257}} - \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}}\right) \operatorname{sqrt}\left(2056 - 72 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}\right. \\
& \left. - 2(1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}})\right) \\
& \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \sqrt{514 + 2 \sqrt{257}} \\
& - 64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& - 2 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \\
& - 96 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 96 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 6 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} \\
& - 2(1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \\
& \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} + 64 \operatorname{sqrt}\left(2056 - 72 \sqrt{257}\right. \\
& \left. + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}}\right. \\
& \left. - 2(1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}})\right) \\
& \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}}} - 64 \sqrt{514 + 2 \sqrt{257}} \\
& - 64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}) \left. \right)
\end{aligned}$$

$$\begin{aligned}
& + 64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& - 192 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& - 2(1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}}) \\
& \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} - 128 \operatorname{sqrt}\left(2056 + 72 \sqrt{257}\right. \\
& - 30 \sqrt{514 + 2 \sqrt{257}} + 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 2(1 + \sqrt{257}) \\
& + \sqrt{514 + 2 \sqrt{257}} \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}}} \\
& + 32 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 - 60 \sqrt{257} + 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} - 32 \sqrt{514 + 2 \sqrt{257}} - 64 \sqrt{514 - 2 \sqrt{257}}} \\
& + 64 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}) + 192 \operatorname{sqrt}\left(2056\right. \\
& - 72 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} \\
& \left. - 2(1 - \sqrt{257} - \sqrt{514 - 2 \sqrt{257}})\right) \\
& \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} - 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} + 32 \sqrt{514 - 2 \sqrt{257}}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} + 2(1 - \sqrt{257}) \sqrt{514 - 2 \sqrt{257}} - 32 \sqrt{514 - 2 \sqrt{257}} - 64 \sqrt{514 + 2 \sqrt{257}}} \\
& - 64 \sqrt{1028 - 60 \sqrt{257} - 2(1 + \sqrt{257}) \sqrt{514 + 2 \sqrt{257}} + 32 \sqrt{514 + 2 \sqrt{257}}) + 6 \sqrt{514 - 2 \sqrt{257}} \\
& \operatorname{sqrt}\left(2056 - 72 \sqrt{257} + 28 \sqrt{514 - 2 \sqrt{257}} + 4 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}\right. \\
& - 34 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& + 2 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \sqrt{257} \\
& + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 64 \sqrt{514 + 2 \sqrt{257}}} \\
& \left. - 64 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}}\right) + 6 \\
& \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \operatorname{sqrt}\left(2056 - 72 \sqrt{257}\right. \\
& + 28 \sqrt{514 - 2 \sqrt{257}} + 4 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} \\
& - 34 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& + 2 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \sqrt{257} \\
& + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& - 32 \sqrt{1028 + 60 \sqrt{257} - 30 \sqrt{514 - 2 \sqrt{257}} - 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} - 64 \sqrt{514 + 2 \sqrt{257}}} \\
& \left. - 64 \sqrt{1028 - 60 \sqrt{257} + 30 \sqrt{514 + 2 \sqrt{257}} - 2 \sqrt{514 + 2 \sqrt{257}} \sqrt{257}}\right) + 6 \operatorname{sqrt}\left(2056 - 72 \sqrt{257}\right. \\
& + 28 \sqrt{514 - 2 \sqrt{257}} + 4 \sqrt{514 - 2 \sqrt{257}} \sqrt{257} \\
& - 34 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \\
& + 2 \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}} \sqrt{257} \\
& + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{1028 + 60 \sqrt{257} + 30 \sqrt{514 - 2 \sqrt{257}} + 2 \sqrt{514 - 2 \sqrt{257}} \sqrt{257}}
\end{aligned}$$



$$\begin{aligned}
& -2(1 - \sqrt{257} - \sqrt{514 - 2\sqrt{257}}) \\
& \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} - 64\sqrt{514 + 2\sqrt{257}} \\
& - 64\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& - 2\sqrt{1028 + 60\sqrt{257} + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}}} \\
& - 96\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 96\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} \\
& - 64\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \\
& + 6\sqrt{514 - 2\sqrt{257}}\sqrt{257} \\
& - 2(1 - \sqrt{257} - \sqrt{514 - 2\sqrt{257}}) \\
& \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} - 64\sqrt{2056 - 72\sqrt{257}} \\
& + 30\sqrt{514 - 2\sqrt{257}} + 2\sqrt{514 - 2\sqrt{257}}\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} \\
& - 2(1 - \sqrt{257} - \sqrt{514 - 2\sqrt{257}}) \\
& \sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} - 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} + 32\sqrt{514 - 2\sqrt{257}}} \\
& - 32\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}}} - 64\sqrt{514 + 2\sqrt{257}} \\
& - 64\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} \Big) + 128\sqrt{64\sqrt{2056 + 72\sqrt{257}} + 30\sqrt{514 + 2\sqrt{257}} - 2\sqrt{514 + 2\sqrt{257}}\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 2(1 + \sqrt{257} - \sqrt{514 + 2\sqrt{257}})\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} + 32\sqrt{1028 - 60\sqrt{257} - 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} + 32\sqrt{514 + 2\sqrt{257}}} + 32\sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}} + 64\sqrt{514 - 2\sqrt{257}} + 64\sqrt{1028 + 60\sqrt{257} + 2(1 - \sqrt{257})\sqrt{514 - 2\sqrt{257}} - 32\sqrt{514 - 2\sqrt{257}})} \\
& - 96\sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}} \\
& + 6\sqrt{514 + 2\sqrt{257}}\sqrt{257} + 4112 - 192\sqrt{514 - 2\sqrt{257}} - 2(1 + \sqrt{257} + \sqrt{514 + 2\sqrt{257}}) \\
& \sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}} - 58\sqrt{514 + 2\sqrt{257}} \\
& - 2\sqrt{514 + 2\sqrt{257}}\sqrt{1028 - 60\sqrt{257} - 30\sqrt{514 + 2\sqrt{257}} + 2\sqrt{514 + 2\sqrt{257}}\sqrt{257}} \\
& - 2\sqrt{1028 - 60\sqrt{257} - 30\sqrt{514 + 2\sqrt{257}} + 2\sqrt{514 + 2\sqrt{257}}\sqrt{257}}\sqrt{257} - 2\left(1 + \sqrt{257} + \sqrt{514 + 2\sqrt{257}} - \sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}}\right)\sqrt{2056 + 72\sqrt{257} - 30\sqrt{514 + 2\sqrt{257}} + 2\sqrt{514 + 2\sqrt{257}}\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 2(1 + \sqrt{257} + \sqrt{514 + 2\sqrt{257}})} \\
& \sqrt{1028 - 60\sqrt{257} + 2(1 + \sqrt{257})\sqrt{514 + 2\sqrt{257}} - 32\sqrt{514 + 2\sqrt{257}}}
\end{aligned}$$



