

حل:

$$\begin{array}{r}
 36 \\
 \hline
 3 \overline{) 1296} \\
 \underline{66} \\
 66 \\
 \underline{66} \\
 0
 \end{array}$$

Diagram illustrating the long division process for finding the square root of 1296. The divisor is 36, and the dividend is 1296. The quotient is 36. The process shows the division of 1296 by 36, resulting in a remainder of 0. Red arrows indicate the steps: 36 goes into 129 six times (36 * 6 = 216), and 36 goes into 66 six times (36 * 6 = 216). A purple arrow points from the first 3 to the 66, and a black arrow points from the 9 to the 66.

$$\sqrt[2]{1296} = 36$$