

Multiplying Decimals

With Whole Numbers

$$72 \times 3.6$$

The diagram shows the multiplication of 72 by 3.6. The numbers are aligned as follows:

$$\begin{array}{r} 72 \rightarrow \textcircled{0} \\ \times 3.6 \rightarrow \textcircled{1} \\ \hline 432 \\ + 216 \times \\ \hline 259.2 \rightarrow \textcircled{1} \end{array}$$

Annotations:

- A purple 'x' is placed above the first horizontal line.
- A purple '+' is placed to the left of the second horizontal line.
- A purple 'x' is placed to the right of the second horizontal line.
- A blue arrow labeled '1' points from the decimal point in 3.6 to the decimal point in the product 259.2.
- A blue arrow labeled '2' points from the decimal point in the product 259.2 to the decimal point in 3.6.