

Dividing Decimals by 1-Digit Numbers

Find $107.25 \div 3 =$

$$\begin{array}{r} \times 35.75 \\ 3 \overline{) 107.25} \\ \underline{-9} \\ 17 \\ \underline{-15} \\ 22 \\ \underline{-21} \\ 15 \\ \underline{-15} \\ 0 \end{array}$$

Step 1: Set problem up like a normal division problem.

Step 2: Put the decimal on the castle roof.

Step 3: Divide!

Step 4: Check w/ multiplication!

Find $156 \div 8 =$

$$\begin{array}{r} \times 19.5 \\ 8 \overline{) 156.0} \\ \underline{-8} \\ 76 \\ \underline{-72} \\ 40 \\ \underline{-40} \\ 0 \end{array}$$

$$\begin{array}{r}
 \times 4605 \\
 2 \overline{) 0.9210} \\
 \underline{-8} \\
 12 \\
 \underline{-12} \\
 01 \\
 \underline{-0} \\
 10 \\
 \underline{-10} \\
 0
 \end{array}$$

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$$6 \overline{) 43.8}$$

$$4 \overline{) 37.0}$$