

## Dividing by Whole Numbers (4-4)

Label and define the  
quotient, dividend, and divisor

$$\begin{array}{r} 8.1 \\ 9 \overline{) 72.9} \end{array}$$

← quotient the answer to a division problem

divisor  
the # that does the dividing

dividend  
the # being divided

dividing  
↓

When decimals, place the decimal point in the quotient above the point in the dividend.

Example:

$$\begin{array}{r} 9.1 \\ 7 \overline{) 63.7} \end{array}$$

**Example 1:** Divide each decimal.

I Do	You Do
$4.48 \div 7$ 	$24.8 \div 4$

**Example 2:** Divide each decimal.

I Do	You Do
$26 \div 4$ 	$10 \div 8$ 

6.5

1.25

$$\begin{array}{r} 23 \\ 3 \\ \times \frac{3}{69} \\ \hline 123 \\ \times \frac{4}{92} \\ \hline \end{array}$$

**Example 3:** Divide each decimal. You may round to the thousandths place.

I Do	You Do
$7 \div 23$ <del>703</del> $\begin{array}{r} 0.3043 \\ 23 \overline{) 7.0000} \\ \underline{- 69} \phantom{66} \\ 100 \\ \underline{- 92} \phantom{6} \\ 80 \\ \underline{- 69} \\ 11 \end{array}$ <p style="text-align: center;"><span style="border: 1px solid black; border-radius: 10px; padding: 2px;">0.304</span></p>	$9 \div 22$ $\begin{array}{r} 0.4090 \\ 22 \overline{) 9.0000} \\ \underline{- 88} \phantom{66} \\ 200 \\ \underline{- 198} \phantom{6} \\ 20 \end{array}$ <p style="text-align: center;"><span style="border: 1px solid black; border-radius: 10px; padding: 2px;">0.409</span></p>

$$\begin{array}{r} 22 \\ 3 \\ \times \frac{3}{66} \\ \hline 22 \\ 4 \\ \hline 88 \\ \hline 22 \\ 5 \\ \hline 110 \end{array}$$

$$\begin{array}{r} 22 \\ 7 \\ \times \frac{7}{154} \\ \hline 22 \\ 8 \\ \times \frac{8}{176} \\ \hline 22 \\ 9 \\ \times \frac{9}{198} \end{array}$$