

Name _____

Write Fractions and Decimals as Percents

You can write fractions and decimals as percents.

To write a decimal as a percent, multiply the decimal by 100 and write the percent symbol.

$0.073 = 7.3\%$ ← To multiply by 100, move the decimal point two places to the right.

To write a fraction as a percent, divide the numerator by the denominator. Then write the decimal as a percent.

To write $\frac{3}{8}$ as a percent, first divide 3 by 8.

$$\begin{array}{r} 0.375 \\ 8 \overline{)3.000} \\ \underline{-24} \\ 60 \\ \underline{-56} \\ 40 \\ \underline{-40} \\ 0 \end{array}$$

So, $\frac{3}{8} = 0.375$.

$0.375 = 37.5\%$ ← To write 0.375 as a percent, multiply by 100 and write the percent symbol.

Homework

Write the decimal or fraction as a percent.

1. 0.45

2. 0.6

3. 2.34

4. $\frac{7}{8}$

5. $\frac{19}{50}$

6. 0.03

7. $1\frac{11}{16}$

8. $\frac{51}{10}$
