

Lesson 3 Reteach

Percents and Decimals

To write a percent as a decimal first rewrite the percent as a fraction with a denominator of 100. Then write the fraction as a decimal.

Example 1

Write 23% as a decimal.

$$\begin{aligned} 23\% &= \frac{23}{100} \\ &= 0.23 \end{aligned}$$

Rewrite the percent as a fraction with a denominator of 100.

Write *23 hundredths* as a decimal.

Example 2

Write 7% as a decimal.

$$\begin{aligned} 7\% &= \frac{7}{100} \\ &= 0.07 \end{aligned}$$

Rewrite the percent as a fraction with a denominator of 100.

Write *7 hundredths* as a decimal.

To write a decimal as a percent first write the decimal as a fraction with a denominator of 100. Then write the fraction as a percent.

Example 3

Write 0.44 as a percent.

$$\begin{aligned} 0.44 &= \frac{44}{100} \\ &= 44\% \end{aligned}$$

Write *44 hundredths* as a fraction.

Write the fraction as a percent.

Example 4

Write 0.65 as a percent.

$$\begin{aligned} 0.65 &= \frac{65}{100} \\ &= 65\% \end{aligned}$$

Write *65 hundredths* as a fraction.

Write the fraction as a percent.

Exercises

Write each percent as a decimal.

1. 39%

2. 57%

3. 82%

4. 13%

5. 8%

6. 4%

Write each decimal as a percent.

7. 0.86

8. 0.36

9. 0.65

10. 0.2

11. 0.48

12. 0.17