

LESSON
8-1**Understanding Percent****Reteach**

- A.** A percent is a ratio of a number to 100. Percent means “per hundred.”
To write 38% as a fraction, write a fraction with a denominator of 100.

$$\frac{38}{100}$$

Then write the fraction in simplest form.

$$\frac{38}{100} = \frac{38 \div 2}{100 \div 2} = \frac{19}{50}$$

So, $38\% = \frac{19}{50}$.

- B.** To write 38% as a decimal, first write it as fraction.

$$38\% = \frac{38}{100}$$

$$\frac{38}{100} \text{ means “38 divided by 100.”}$$

$$\begin{array}{r} 0.38 \\ 100 \overline{)38.00} \\ \underline{-300} \\ 800 \\ \underline{-800} \\ 0 \end{array}$$

So, $38\% = 0.38$.

Write each percent as a fraction in simplest form.

1. 43%

2. 72%

3. 88%

4. 35%

Write each percent as a decimal.

5. 64%

6. 92%

7. 73%

8. 33%
