

Unit 8 Objective 4 Remediation

Find Equivalent Fractions

***Remember!** The % sign represents “per 100.”

To express a percent as a fraction:

- a) Drop the percent sign and write the percent as a fraction with a denominator of 100.
- b) Simplify the fraction.

➤ **Example 1**

5%

Solution

$$5\% = \frac{5}{100} = \frac{5 \div 5}{100 \div 5} = \frac{1}{20}$$

➤ **Example 2**

150%

Solution

$$150\% = \frac{150}{100} = \frac{150 \div 50}{100 \div 50} = \frac{3}{2}$$

➤ **Example 3**

72.5%

Solution

$$72.5\% = \frac{72.5}{100} = \frac{725}{1000} = \frac{725 \div 25}{1000 \div 25} = \frac{29}{40}$$

Try Some! Write each percent as a fraction in simplest form.

1. 80%

6. 40%

2. 12.5%

7. 180%

3. 1.8%

8. 37.5%

4. 1%

9. 35%

5. 48%

10. 130%