

Guided Practice 4.5

NAME _____

Module 4 Fractions, Decimals, Percents, and Factors
Lesson 5 Simplifying and Converting Fractions

Set 1

Write the fraction in simplest form.

1

$$\frac{6}{30}$$

$$\frac{6}{30} = \frac{\cancel{6}^1 \times 1}{\cancel{6}_1 \times 5} = \frac{1}{5}$$

2

$$\frac{12}{18}$$

$$\frac{12}{18} = \frac{\cancel{6}^1 \times 2}{\cancel{6}_1 \times 3} = \frac{2}{3}$$

3

$$\frac{25}{55}$$

$$\frac{25}{55} = \frac{\cancel{5}^1 \times 5}{\cancel{5}_1 \times 11} = \frac{5}{11}$$

Set 2

Write the improper fraction as a mixed number.

1

$$\frac{15}{4}$$

$$15 \div 4 = 3 \text{ R}3$$

$$3 \frac{3}{4}$$

2

$$\frac{26}{3}$$

$$26 \div 3 = 8 \text{ R}2$$

$$8 \frac{2}{3}$$

Set 3

Write the mixed number as an improper fraction.

1

$$9 \frac{1}{2}$$

$$2 \times 9 = 18$$

$$18 + 1 = 19$$

$$\frac{19}{2}$$

2

$$4 \frac{3}{4}$$

$$4 \times 4 = 16$$

$$16 + 3 = 19$$

$$\frac{19}{4}$$

