

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**BLM 5.GR.1**

## Practice: Get Ready

### Rational Numbers

- Identify pairs of rational numbers.
  - $\frac{1}{4}$                       A 1.25
  - $-\frac{5}{4}$                       B -0.25
  - $1\frac{1}{4}$                       C 0.25
  - $-\frac{1}{4}$                       D -1.25
- Which rational number is not equivalent to the other numbers in each set?
  - $-\frac{2}{5}, -0.4, \frac{-2}{-5}, \frac{2}{-5}$
  - $1\frac{3}{4}, \frac{7}{4}, 1.75, \frac{4}{4}$
  - $-2\frac{1}{8}, 2.125, 2\frac{1}{8}, \frac{17}{8}$
- Rewrite each fraction as a decimal.
  - $\frac{3}{10}$                       b)  $\frac{4}{5}$
  - $-\frac{5}{8}$                       d)  $\frac{16}{-5}$
- Rewrite each fraction in lowest terms.
  - $\frac{6}{8}$                       b)  $\frac{-12}{20}$
  - $-\frac{13}{39}$                       d)  $\frac{20}{16}$

### Ratio and Proportion

- Write a ratio, in simplest form, to compare each quantity to its total.
  - 2 L of juice concentrate in 8 L of juice
  - 12 g of carbohydrate in 36 g of bread
  - 14 girls in a class of 30 students
  - 9 dogs in a group of 12 pets
- There are 9 g of protein in 250 mL of milk. How much protein is in 1 L of milk?
- It cost \$12 for 8 people to see an exhibit. What is the cost for 90 people?

### Percents

- Write a percent for each. If necessary, round each percent to one decimal place.
  - 8 out of 42
  - 19 out of 52
  - 10 out of 33
  - 5 out of 26
- Find each amount.
  - 7% of 25
  - 15% of 80
  - 9% of 68
  - 32% of 40