

SPARK Hybrid Education Center

Mathematics | Week 1: Ratios | Lower Level

Name: _____ Date: _____

Directions: Solve each problem. Show your work in the space provided. Circle your final answer.

1. Write the ratio of 8 cats to 12 dogs three ways (fraction, colon, word).
2. A recipe uses 2 cups flour for every 3 cups sugar. Write this ratio.
3. Simplify the ratio 15:25.
4. There are 18 boys and 12 girls. What is the ratio of girls to total students?
5. A car travels 150 miles in 3 hours. Write the unit rate.
6. Find the unit price: \$4.50 for 3 oranges.
7. A hiker walks 8 miles in 2 hours. How far in 5 hours at the same rate?
8. Two stores sell juice: Store A \$2.40/6 oz, Store B \$3.60/9 oz. Which is cheaper per oz?

--- Answer Key (Cut before distributing) ---

1. b) 4:6 and 2:3
2. a) 2:3
3. b) 3:5
4. b) 2:5
5. a) 50 mph
6. b) \$1.50
7. a) 20 miles
8. b) Same price

