

Name: _____

Date: _____

Ratios and Proportions

Solve each problem. Show your work.

1. A recipe uses 2 cups of flour for 1 batch of pancakes. Sam makes 4 batches. How many cups of flour are needed?

Answer: _____

2. A recipe uses 3 cups of flour for 1 batch of pancakes. Zara makes 3 batches. How many cups of flour are needed?

Answer: _____

3. The ratio of boys to girls in a club is 3 : 5. There are 9 boys. How many girls are there?

Answer: _____

4. A car travels 130 miles in 2 hours at a steady speed. What is its speed in miles per hour?

Answer: _____

5. A recipe uses 2 cups of flour for 1 batch of pancakes. Lena makes 2 batches. How many cups of flour are needed?

Answer: _____

6. A car travels 275 miles in 5 hours at a steady speed. What is its speed in miles per hour?

Answer: _____

7. The ratio of boys to girls in a club is 4 : 3. There are 24 boys. How many girls are there?

Answer: _____

8. A car travels 100 miles in 2 hours at a steady speed. What is its speed in miles per hour?

Answer: _____

9. The ratio of boys to girls in a club is 3 : 4. There are 24 boys. How many girls are there?

Answer: _____

10. The ratio of boys to girls in a club is 5 : 1. There are 45 boys. How many girls are there?

Answer: _____

Ratios and Proportions: Answer Key

1. 8 cups

2. 9 cups

3. 15

4. 65 mph

5. 4 cups

6. 55 mph

7. 18

8. 50 mph

9. 32

10. 9