

Unit 2: Introducing Ratios

CONCEPT

Name: _____ Date: _____

Solve each problem. Write your answer on the line. Show equivalent ratios using simple whole numbers.

1. A fruit basket has 3 apples for every 2 oranges. Write the ratio of apples to oranges.

Answer: _____

2. In a class the ratio of dogs to cats owned is 5:4. Write the ratio of cats to dogs.

Answer: _____

3. A recipe uses 2 cups of flour for every 1 cup of sugar. How many cups of flour are needed for 3 cups of sugar?

Answer: _____

4. The ratio of red to blue marbles is 1:3. If there are 4 red marbles, how many blue marbles are there?

Answer: _____

5. Complete the equivalent ratio: $2:5 = 4:?$

Answer: _____

6. Complete the equivalent ratio: $3:4 = ? : 8$

Answer: _____

7. A double number line pairs 4 miles with 1 hour. How many miles match 3 hours?

Answer: _____

8. A table shows 6 pencils cost \$2. At the same rate, how much do 12 pencils cost, in dollars?

Answer: _____

9. Reduce the ratio 6:8 to simplest form.

Answer: _____

10. Reduce the ratio 10:15 to simplest form.

Answer: _____

11. For every 2 cups of water there is 1 scoop of mix. How many scoops go with 8 cups of water?

Answer: _____

12. Are the ratios 2:3 and 6:9 equivalent? Answer yes or no.

Answer: _____