

Ratios Worksheet (Grade 6)

Name: _____ Date: _____

Part 1: Writing Ratios

Write each ratio in three ways: using words, a colon, and a fraction.

1. 8 apples to 4 oranges

Words: _____

Colon: _____

Fraction: _____

2. 10 boys to 5 girls

Words: _____

Colon: _____

Fraction: _____

3. 6 red marbles to 3 blue marbles

Words: _____

Colon: _____

Fraction: _____

Part 2: Understanding Ratios

Answer the questions below.

4. In a class, there are 12 girls and 8 boys.

a. What is the ratio of girls to boys?

b. What is the ratio of boys to girls?

5. A bag contains 5 red candies and 15 green candies.

a. What is the ratio of red to green?

b. What is the ratio of green to red?

Part 3: Equivalent Ratios

Find two equivalent ratios for each.

6. 2 : 1

7. 3 : 2

8. 4 : 5

Part 4: Solve the Problem

9. A recipe uses a ratio of 2 cups of juice to 1 cup of soda.
a. How much soda is needed for 6 cups of juice?

- b. How much juice is needed for 4 cups of soda?

10. A classroom has a ratio of 3 pencils to 1 eraser.
a. How many erasers are needed for 9 pencils?

- b. How many pencils are needed for 5 erasers?

Challenge

11. Create your own ratio problem and solve it.

Problem:

Solution:

Reflection

What is a ratio? Write your answer in your own words.
