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Ratios and Proportions Word Problems 2

1. A recipe for fruit punch requires 2 cups of fruit juice and 4 cups of water. If you want to make 6 cups of punch, how many cups of fruit juice do you need?

- A) 1 cup B) 2 cups
C) 3 cups D) 4 cups

2. In a garden, there are 5 red flowers for every 3 yellow flowers. If there are 24 red flowers, how many yellow flowers are there?

- A) 12 yellow flowers B) 15 yellow flowers
C) 18 yellow flowers D) 20 yellow flowers

3. A fruit basket contains 9 apples and 6 oranges. What is the ratio of apples to oranges in the basket?

- A) 2:1 B) 3:2
C) 4:3 D) 1:2

4. If 2 pencils cost \$0.50, how much do 5 pencils cost?

- A) \$0.50 B) \$1.00
C) \$1.25 D) \$1.50

5. A toy store has 12 action figures and 8 stuffed animals. What is the ratio of action figures to the total number of toys?

- A) 3:5 B) 4:5
C) 2:3 D) 1:2



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6. In a classroom, there are 15 girls and 10 boys. What is the ratio of girls to boys?

- A) 2:3 B) 3:2
C) 1:2 D) 2:1

7. A recipe for muffins calls for 3 cups of flour and 2 eggs. If you want to make 24 muffins, how many eggs do you need?

- A) 12 eggs B) 16 eggs
C) 18 eggs D) 24 eggs

8. A bag contains 24 red marbles and 36 green marbles. What is the ratio of red marbles to the total number of marbles?

- A) 2:3 B) 3:2
C) 4:5 D) 5:4

9. A toy train travels 10 meters in 5 seconds. How far will it travel in 15 seconds?

- A) 30 meters B) 20 meters
C) 40 meters D) 15 meters

10. If a recipe calls for 1 cup of sugar and makes 12 cookies, how many cups of sugar do you need to make 36 cookies?

- A) 1 cup B) 2 cups
C) 3 cups D) 4 cups

