

Name _____

Ratios and Proportions Word Problems 3

1. In a recipe, the ratio of sugar to flour is 1:4. If you need 2 cups of sugar, how many cups of flour do you need?
2. A car travels 180 miles in 3 hours. If it continues at the same speed, how far will it travel in 5 hours?
3. In a bag of marbles, the ratio of red marbles to blue marbles is 3:2. If there are 15 red marbles, how many blue marbles are there?
4. A map scale is 1 inch represents 10 miles. If two cities are 3 inches apart on the map, how far are they from each other in reality?
5. In a classroom, there are 25 girls and 15 boys. What is the ratio of girls to the total number of students?
6. A recipe for pancakes calls for 2 cups of milk and makes 12 pancakes. How many cups of milk do you need to make 24 pancakes?
7. A bottle of juice contains 3 parts apple juice and 2 parts orange juice. If the bottle holds 24 ounces, how many ounces are apple juice?
8. A store reduced the price of a \$60 dress by 20%. What is the new price of the dress?
9. A recipe for smoothies calls for 2 cups of yogurt and 1 cup of fruit. If you want to make 8 cups of smoothies, how many cups of fruit do you need?
10. A mixture of paint is made by mixing 3 quarts of red paint and 5 quarts of blue paint. What is the ratio of red paint to the total amount of paint in the mixture?

