

Name \_\_\_\_\_

## Ratio Word Problems

1. Sarah is making lemonade. The recipe calls for mixing 2 cups of lemon juice with 6 cups of water. If she wants to make 12 cups of lemonade, how many cups of water should she use?
2. In a bag of candies, there are 4 red candies for every 3 blue candies. If there are 28 red candies, how many blue candies are there?
3. Lily is painting her room. She needs to mix 1 part of blue paint with 3 parts of white paint to get the right shade. If she needs 4 liters of blue paint, how much white paint should she use?
4. Tommy is making a fruit salad. The recipe calls for mixing 2 bananas with 5 strawberries. If he wants to use 15 strawberries, how many bananas should he use?
5. A recipe for muffins calls for a ratio of 2 cups of flour to 1 cup of sugar. If Sarah wants to use 3 cups of sugar, how much flour should she use?
6. A box contains 24 marbles, some red and some blue. If the ratio of red marbles to blue marbles is 3:5, how many red marbles are there?
7. Emily is planning a party. She needs to make punch by mixing 1 part of orange juice with 4 parts of soda. If she wants to use 2 liters of soda, how much orange juice should she use?
8. Daniel has a collection of toy cars. If the ratio of red toy cars to blue toy cars is 2:3, and he has 15 red toy cars, how many blue toy cars does he have?
9. At a zoo, the ratio of lions to tigers to bears is 3:4:5. If there are 24 lions, how many bears are there?
10. Sarah is mixing paint to paint her room. She needs to mix 2 parts of yellow paint with 1 part of green paint to get the right shade. If she needs 3 liters of green paint, how much yellow paint should she use?

