

Name \_\_\_\_\_

### Fractions Word Problems 3

1. A recipe calls for  $\frac{2}{3}$  cup of sugar, but you want to make  $\frac{1}{2}$  of the recipe. How much sugar will you need?
2. A car travels 240 miles in 4 hours. What is the average speed of the car in miles per hour?
3. Amy baked a cake and cut it into 8 equal slices. She ate  $\frac{2}{8}$  of the cake. What fraction of the cake is left?
4. In a school,  $\frac{3}{5}$  of the students are girls, and the rest are boys. If there are 60 students, how many of them are boys?
5. A recipe requires  $\frac{3}{4}$  teaspoon of salt, but you want to make only half the recipe. How much salt do you need?
6. A rectangular garden is 24 feet long and 12 feet wide. What fraction of the garden's area is covered by a smaller square garden that is 6 feet by 6 feet?
7. A tank is filled with 5 gallons of water, and  $\frac{3}{10}$  of it is drained. How many gallons of water are left in the tank?
8. A group of friends wants to share a pizza. If the pizza is divided into 8 equal slices, and they eat  $\frac{3}{8}$  of it, how many slices do they eat?
9. A store offers a 20% discount on a \$60 toy. How much money will you save with the discount?
10. A rectangle is divided into 5 equal sections. If  $\frac{2}{5}$  of the rectangle is shaded, what fraction of the rectangle is not shaded?

