

Name \_\_\_\_\_ Date \_\_\_\_\_

### MULTIPLICATION WORD PROBLEMS

Read and answer each word problem.

1. There was  $\frac{5}{8}$  of a pie left in the fridge. Daniel ate  $\frac{1}{4}$  of the leftover pie. How much of a pie did he have?

$$\mathbf{X} \quad =$$

2. Olivia took out 8 glasses and poured juice from the pitcher. The capacity of each glass is  $\frac{3}{10}$  liter. If there was enough juice for 6 glasses, how much juice was there?

$$\mathbf{X} \quad =$$

3. Pam baked some cupcakes for her friends. She baked 24 cupcakes. Each cupcake is  $\frac{2}{15}$  pound. If she packed 6 cupcakes in each box, what is the weight of each box?

$$\mathbf{X} \quad =$$

**4. According to a recipe, each batch of pancake mix can make 12 pancakes. Kathy is making 3 batches for a brunch party. If each batch needs  $\frac{7}{12}$  cups of milk, how much milk does she need in total?**

$$\mathbf{X =}$$

**5. There are  $\frac{7}{8}$  kilograms of salt in the kitchen. Mrs. Jackson used  $\frac{2}{15}$  of the salt when she was preparing dinner. How much salt did she use?**

$$\mathbf{X =}$$

**6. According to a recipe,  $\frac{9}{20}$  oz. of sugar is needed to make 6 cookies. Ashley decided to use only a third of the sugar to make it healthier. How much sugar did Ashley use?**

$$\mathbf{X =}$$