

ANSWERS**Multiplying Fractions Word Problems #3****Example Problem**

Carlota will buy a new bicycle that costs \$250. The bike shop will allow her to pay in installments. Each installment will be $\frac{1}{5}$ of the total price. How much does she need to pay in each installment?

$$\frac{1}{5} \times 250 = \frac{1 \times 250}{5} = \frac{250}{5} = 50$$

Answer: \$50

Directions: Follow the steps in the example box when you solve the following word problems. Be sure to show your work and label your answers.

1. There are 180 students in Kennedy Elementary School. One sixth of the students are in fourth grade. How many fourth graders attend Kennedy Elementary?



30 fourth graders

2. Mateo bought a packet of 12 pens. He wants to give $\frac{1}{3}$ of them to his classmates. How many will he give away?

4 pens



3. Cheryl's family ordered 4 pizzas. They ate $\frac{3}{4}$ of each pizza. How much pizza did they eat altogether?



3 pizzas

Challenge

4. A cupcake stand has 64 cupcakes. The available flavors are lemon, carrot, and caramel. If $\frac{5}{8}$ of them are caramel and lemon, how many carrot cupcakes are there?

24 carrot cupcakes

