Name: _____ Date: _____ _____
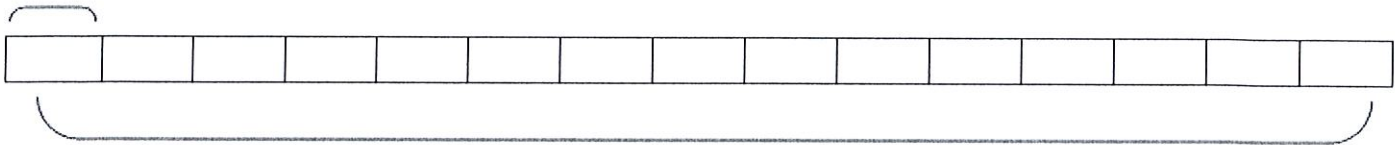
Decimal Problem-Solving: Picture Method

Solve each problem using pictures.

Example: Leonard split an entire bag of chips among the 15 children at the camp. Each camper received exactly 28.3 grams of chips. What was the weight (in grams) of the entire bag of chips?

1 serving = 28.3 grams

Entire Bag of Chips: 15 servings

Solution:
If there are 15 servings of identical size, then to find the weight of the entire bag:

$$28.3 \times 15 = 424.5 \text{ grams}$$

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You try!

1. Johnny purchased orange juice and apple juice for a total of $5.64. If the orange juice costs $2.36, what is the difference in price between the orange juice and apple juice?

2. Kiera cut a piece of ribbon into two parts. The first piece was 17.3 inches long. The second piece was 5.6 inches less. What was the total length of the ribbon?

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3. Ties at Jenk's Department Store cost $14.99 each. Howard purchased three ties. He gave the cashier $50. How much change did the cashier give back to Howard?

4. Jenna purchased a 24.5 ounce bottle of syrup for Saturday morning breakfast. After four people used equal amounts of syrup, there were 11.7 ounces left. How many ounces did each person use?

5. Hannah has 14 stuffed animals. Colleen has 4 times more than Hannah. How many stuffed animals do they have combined?

6. A box of 8 waffles weighs 26.9 ounces. The box weighs 4.5 ounces. What is the weight of each waffle?