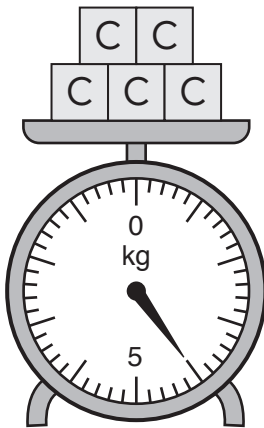


**CHAPTER**  
**12****Conversion of Measurements****PROBLEM SOLVING****Thinking Skills****Solve.**

1. Victoria sprinted 90 meters. What was the distance in centimeters?

**Read the scale.**

2. If each can of corn has the same mass, what will be the mass of two such cans in grams?



Name: \_\_\_\_\_

Date: \_\_\_\_\_

3. Express the volume of water in the jug in milliliters.



4. Emma finds the mass of a bag and a chair. She finds that the bag has a mass of 6 kilograms 9 grams. Both the chair and the bag have the same mass. Color the boxes that show the mass of the chair.

6,090 g

6,900 g

6,009 g

6 kg 9 g

6 kg 900 g

6 kg 90 g

Name: \_\_\_\_\_

Date: \_\_\_\_\_

5. A jug contains 3 liters 500 milliliters of water. Water from the jug is used to fill seven 250-milliliter mugs. Find the amount of water left in the jug.

6. Convert each measurement to liters and milliliters. Then shade the boxes with the two largest and the two smallest measurements.

Y  
1,903 mL  
\_\_\_ L \_\_\_ mL

S  
6,012 mL  
\_\_\_ L \_\_\_ mL

O  
3,250 mL  
\_\_\_ L \_\_\_ mL

E  
7,009 mL  
\_\_\_ L \_\_\_ mL

J  
300 mL  
\_\_\_ L \_\_\_ mL

T  
1 mL  
\_\_\_ L \_\_\_ mL

D  
4,020 mL  
\_\_\_ L \_\_\_ mL

R  
1,025 mL  
\_\_\_ L \_\_\_ mL

A  
5,001 mL  
\_\_\_ L \_\_\_ mL

I  
8,150 mL  
\_\_\_ L \_\_\_ mL

U  
6,905 mL  
\_\_\_ L \_\_\_ mL

M  
250 mL  
\_\_\_ L \_\_\_ mL

Arrange the letters in the shaded boxes to spell out the answer to the following riddle.

What can fly without wings?

\_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_



**PROBLEM SOLVING**

**Strategies**

7. Look for the pattern.

10 cm      1 m 15 cm      \_\_\_\_\_      3 m 40 cm      \_\_\_\_\_

8. At a charity walk, Bryan walks 3 kilometers 320 meters more than Luis. Kerry walks 850 meters less than Bryan. Luis walks 6 kilometers. Find the total distance walked by Kerry and Bryan.

**Name:** \_\_\_\_\_

**Date:** \_\_\_\_\_

- 9.** A pail contains a certain amount of water. After Peter used it to fill a 1.5 liter can, a 750 milliliter bottle, and a 2 liter 250 milliliter tin, he realized that he had a liter of water left in the pail. How much water was in the pail at first?

Name: \_\_\_\_\_

Date: \_\_\_\_\_



**PROBLEM SOLVING**

## Exploration

- 10.** The total mass of two goats is 48 kilograms. The mass of one of the goats is at least 10 kilograms more than the other. The mass of the lighter goat is more than 16 kilograms. Find three possible masses of the heavier goat.

Name: \_\_\_\_\_

Date: \_\_\_\_\_



## Journal Writing

### Correct the mistakes.

11.  $2 \text{ km } 5 \text{ cm} = 2 \times 100 \text{ cm} + 5 \text{ cm} = 205 \text{ cm}$

---

---

12.  $4,050 \text{ g} = 40 \text{ kg } 50 \text{ g}$

---

---

13.  $750 \text{ mL} = 7 \text{ L } 50 \text{ mL}$

---

---

