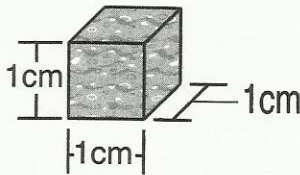


# Metric Capacity and Mass

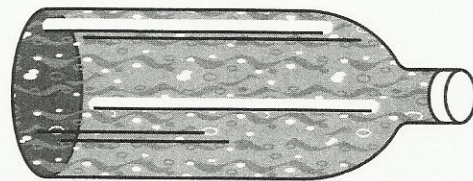
**Milliliters** and **liters** measure capacity in the metric system.



A cube 1 centimeter (cm) long, 1 centimeter wide, and 1 centimeter high will hold 1 milliliter (mL) of water.

## Metric Units of Capacity

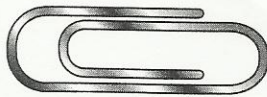
1,000 milliliters (mL) = 1 liter (L)



1 Liter

This bottle holds 1 liter (L) or 1,000 milliliters (mL) of water.

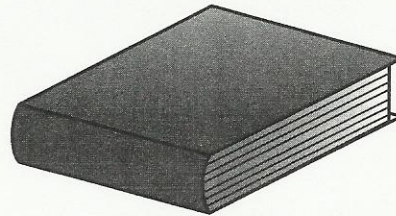
**Mass** is the amount of matter that makes up an object.



The mass of a paper clip is about 1 gram (g).

## Metric Units of Mass

1,000 grams (g) = 1 kilogram (kg)



The mass of the book is about 1 kilogram (kg) or 1,000 grams (g).

Circle the letter of the correct estimate.

- |                                 |           |           |             |
|---------------------------------|-----------|-----------|-------------|
| 1. mass of a bar of soap        | A. 120 g  | B. 120 kg | C. 12 kg    |
| 2. mass of an iron              | A. 1 g    | B. 100 g  | C. 1 kg     |
| 3. amount of water in a bathtub | A. 100 mL | B. 100 L  | C. 1,000 mL |
| 4. mass of a horse              | A. 500 g  | B. 500 kg | C. 1,000 g  |
| 5. a bottle cap                 | A. 3 mL   | B. 300 mL | C. 3 L      |