One large loaf of bread has a mass of about 1 kilogram. Jacob has 3 large loaves of bread. About how many grams is the mass of the loaves?

Mass is the amount of matter in an object. Metric units of mass include grams (g) and kilograms (kg). 1 kilogram represents the

Metric Units of Mass and Liquid Volume

 $3 \text{ kilograms} = 3 \times 1,000 \text{ grams}$

= <u>3,000</u> grams

Liters (L) and **milliliters** (mL) are metric units of liquid volume. 1 liter represents the same liquid volume as 1,000 milliliters.

A large bowl holds about 2 liters of juice. Carmen needs to know the liquid volume in milliliters.

2 liters = $2 \times 1,000$ milliliters

= <u>2,000</u> milliliters

Complete.



