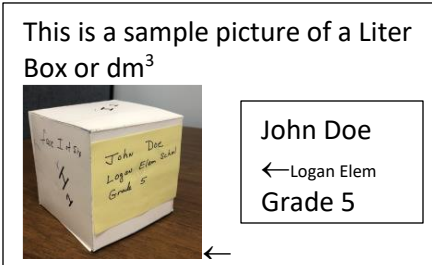


Add metric facts to the faces of your cubic decimeter. Some of the facts are:
Consider the following headings for each of the six faces of your cubic decimeter (Liter)

LENGTH; MASS; VOLUME; TEMPERTATURE; HISTORY; THE SEVEN BASIC UNITS;

A cubic dm (dm³) filled with water at 4 ° C will have a mass of 1 000 g or 1 kg.
A cubic dm (dm³) filled with water at 4 ° C will have a capacity of 1000 mL (milliliter)
A name for the dm³ is liter (L). A named for the cm³ is milliliter (mL)

The basic unit of length is the meter (m).
Short lengths use millimeters (mm)
Clothing and body measurements use centimeters (cm)
Long distances use Kilometers (km)



←
10 mm = 1 cm; 1 dm (decimeter) = 10 cm; 100 cm = 1 m; 1000 m = 1 km

Foods and packaged goods are measured in grams (g) and kilograms (kg)
1 000 mg (milligram) = 1 g (gram); 1 000 g = 1 kg (kilogram); 1 000 kg = 1 t (metric ton)

The 10 cm Cube has a volume of 1 000 cm³ (cubic centimeters)
If you fill the 10 cm Cube full of water, we have 1 L (liter) of water or 1 000 mL of water.
And the 10 cm Cube full of water would have a mass of 1 kg (kilogram)

Definition: a cm³ (centimeter cube) filled brim full of water at 4 ° C has a mass of 1 g.
Thus a liter or dm³ full of water has a mass of 1 000 g or 1 kg and a m³ (about the size of the box your washing machine would be packed in) has a mass of 1 000 kg or 1 t (1 t = 1 000 kg a metric ton)

“Water” cm³ ↔ 1 g; dm³ ↔ 1 kg; m³ ↔ 1 t “Beautiful!!”

100 °C water boils; 37 °C is normal body temperature; 21 °C is room temperature;
28 °C is beach weather! 0 °C water freezes

The unit of Volume I the cubic meter (m³) The liter (L) is a special unit for the measurements of liquids.
A solid the size of this 10 cm Cube would have a volume of 1000 cm³, but liquid filling this 10 cm Cube would have a volume of 1 L (or 1 000 mL).
The Cubic meter (m³) is preferred for larger volumes such as fluids in large storage tanks.
1 L (liter) = 1 000 mL (millimeter) = 1 dm³ (cubic decimeter)
SPEED will be in km/h (kilometers per hour)

- The four Main Reason “Why Metric is preferred “
1. The SI Metric System Was Scientifically Developed
 2. Ease of Computation
 3. Economic & Trade Reasons
 4. This is a METRIC WORLD (Universal language of measurement)