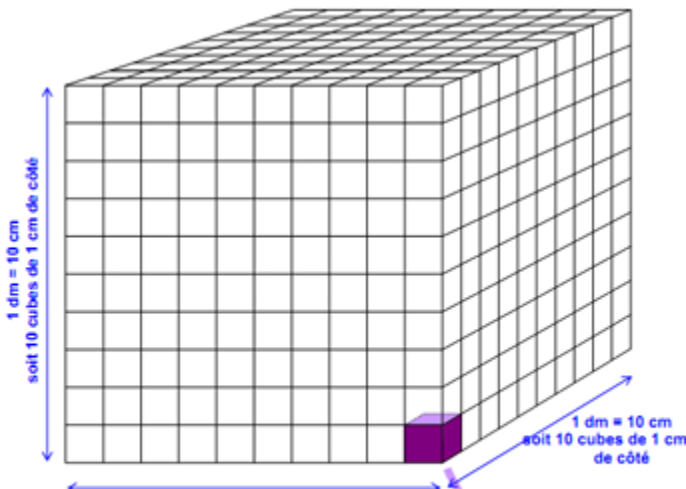


CONVERSIONS

Metric Unit of Measure	
Measures of Length	
1 meter (m)	= 1000 millimeters (mm)
1 meter (m)	= 100 centimeters (cm)
1 Kilometer (km)	= 1000 meters
1 decimeter (dm)	= 1/10 meter
Measure of Weight	
1 gram (g)	= 1000 milligrams (mg)
1 kilogram (kg)	= 1000 grams
Liquid Measures	
1 liter (L)	= 1000 milliliters (mL)
1 deciliter (dL)	= 1/10 liter

Meter – Length	Kilo – Thousand
Liter – Volume	Milli – Thousand
Gram – Mass/Weight	Centi – Hundred
Celsius – Temperature	Deci – Ten



A cube is 3 dimensional containing a length, width and height.

$$1,000,000 \text{ cm}^3 \text{ (purple)} = 1 \text{ m}^3$$

$$\frac{1 \cancel{\text{ m}}}{1 \cancel{\text{ m}}} \times \frac{100 \text{ cm}}{1} = 100 \text{ cm}$$

$$\frac{2 \cancel{\text{ kg}}}{1 \cancel{\text{ kg}}} \times \frac{1000 \text{ g}}{1} = 2000 \text{ g}$$

$$\frac{84 \cancel{\text{ ml}}}{1000 \cancel{\text{ ml}}} \times \frac{1 \text{ L}}{1} = 0.084 \text{ L}$$

HOW TO SOLVE

1. Set it up as shown to the left
2. Make sure to cancel out your units
3. Multiply across the top (numerator)
4. Multiply across the bottom (denominator)
5. Divide the answer you got for the top by the answer you got on the bottom
6. write the remaining units respectively