

Converting Units of Volume

Metric System:

Milliliter (mL) - the volume of one cubic centimeter; 1 mL = _____ L

Liter (L) - the volume of a cube that measures 10 cm on each side; 1 L = _____ mL

Imperial System:

Fluid Ounce (fl oz) - 1/_____th of a US gallon

Cup - _____ ounces or 1/_____th of a US gallon

Pint - 1/_____th of a US gallon

Quart - 1/_____th of a US gallon

Gallon - _____ fluid ounces or _____ quarts;

1 Gallon = _____ L (Liters)



Answers for Converting Units of Volume

Metric System

Milliliter (mL) - the volume of one cubic centimeter; $1 \text{ mL} = 0.001 \text{ L}$

Liter (L) - the volume of a cube that measures 10 cm on each side; $1 \text{ L} = 1000 \text{ mL}$

Imperial System:

Fluid Ounce (fl oz) - $1/128$ th of a US gallon

Cup - 8 ounces or $1/16$ th of a US gallon

Pint - $1/8$ th of a US gallon

Quart - $1/4$ th of a US gallon

Gallon - 128 fluid ounces or 4 quarts

1 Gallon = 3.7854 L

