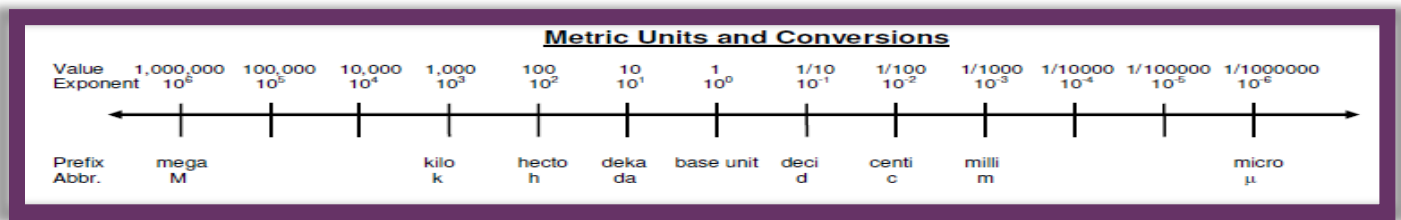


Metric Conversions and Scientific Notation – Reference Sheet

VOLUME (APPROXIMATE)	VOLUME (APPROXIMATE)
1 teaspoon (tsp) = 5 milliliters (ml)	1 milliliter (ml) = 0.03 fluid ounce (fl oz)
1 tablespoon (tbsp) = 15 milliliters (ml)	1 liter (l) = 2.1 pints (pt)
1 fluid ounce (fl oz) = 30 milliliters (ml)	1 liter (l) = 1.06 quarts (qt)
1 cup (c) = 0.24 liter (l)	1 liter (l) = 0.26 gallon (gal)
1 pint (pt) = 0.47 liter (l)	
1 quart (qt) = 0.96 liter (l)	
1 gallon (gal) = 3.8 liters (l)	
1 cubic foot (cu ft, ft ³) = 0.03 cubic meter (m ³)	1 cubic meter (m ³) = 36 cubic feet (cu ft, ft ³)
1 cubic yard (cu yd, yd ³) = 0.76 cubic meter (m ³)	1 cubic meter (m ³) = 1.3 cubic yards (cu yd, yd ³)

Conversions

Given value | wanted
|
| given unit



Significant Figures, Uncertain digits, and Rounding

- x and ÷: based on least significant figures; Unless the result has 1 as its leading sig. fig. and none of the original #'s had a leading 1, keep the extra digit.
- + and -: Round based on only 1 uncertain figure
- x and ÷ AND + and -: After EACH operation, DO NOT round if the same, round if different
- Rounding exception: when the 1st digit dropped is 5 AND there are no (non-zero) digits following, round off to the nearest even digit.