Metric System

**Basic Units:**

 Length – Meter

 Volume -Liter

 Weight – gram

**Prefixes:** Kilo (K) – 1000 Tera (T) – 1,000,000,000,000

 Hecto (h) – 100 Giga (G) – 1,000,000,000

 Deca (da) – 10 Mega (M) – 1,000,000

 M,L,G - 1

 Deci (d) – 0.1 Nano (n) – 0.000,000,001

 Cent (c) - .01 Pico (p) – 0.000,000,000,001

 Milli (m) – 0.001 femto (f) – 0.000,000,000,000,001

 Micro (µ) – 0.000,001

**Equivalents:**

 1 in. = 2.54 cm 1 cm3 = 1 mL

 1 Meter = 39.37 in

 1 meter = 1.0936 yd

 I L = 1.06 qts

 1 Kg = 2.2 lbs

 1 lb = 454 grams

 1 fl oz = 29.57 mL

 1 Km = 0.6214 miles