

A. Metric System

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Prefix	Symbol	Numerical Value	Interpretation
Kilo	K	1000	One thousand times
Hecto	H	100	One hundred times
Deca	D	10	Ten times
Deci	d	1×10^{-1}	Tenth part of
Centi	c	1×10^{-2}	Hundredth part of
Milli	m	1×10^{-3}	Thousandth part of
Micro	μ or mc	1×10^{-6}	Millionth part of
Nano	n	1×10^{-9}	Billionth part of

B. Apothecaries' and Avoirdupois System

- One of the oldest systems of measurement
- There are still some medications which have been used for many years which are customarily written using this system

examples are:

Morphine sulfate

Atropine sulfate

Codeine

Sodium Phenobarbital

Aspirin

Avoirdupois Measure of Weight

1 g	15. 432 gr
1 kg	2.20 lb (avoir)
1 gr	0.065 g or 65 mg
1 oz	28.35 g
1 dram	31.1 g
1 lb (avoir.)	454 g
1 lb (apoth)	373.2 g
1 oz	437.5 gr

NOTE:

Apothecaries' and Avoirdupois System share some similar units of measurement but, they have different values

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Elements