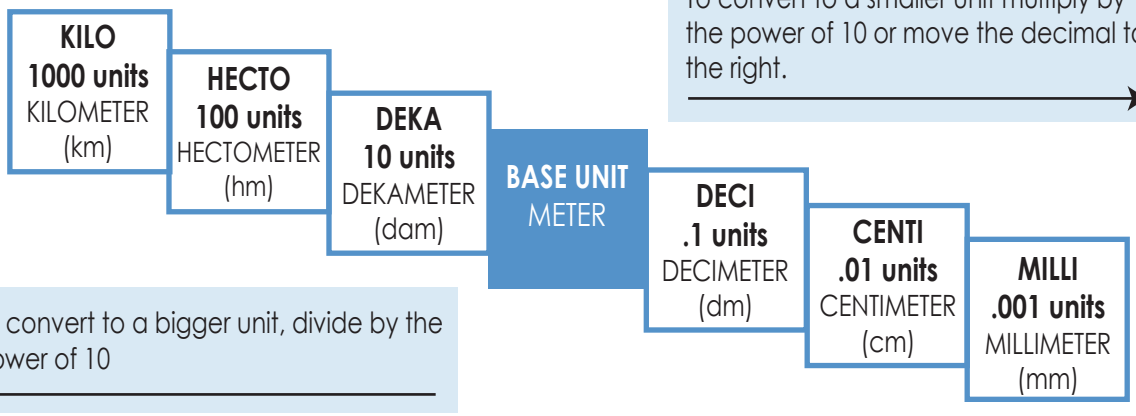
LINEAR MEASUREMENTS

METRIC

A simple way to remember the metric system is remembering the ladder method.



How do you use the "Ladder Method"?

1) Figure out a starting point.
2) Count the "jumps" to your end point.
3) Multiply or divide by 10 in the power of every "jump"

EXAMPLE : 4 m = mm

1) staring point — ending point
2) It takes 3 "jumps" to get from meter to millimeter
3) **4.0m = 4.0.0.0 mm = 4,000.0 mm**

x 10^3 — 3 hops

Convert the following measurements using the ladder method.

1) 1 km = 10,000 dm
2) 6 m = .06 hm
3) 426 dm = 42,600 mm
4) 4 m = 400 cm
5) 90 cm = 9 dm
6) 800000 mm = 8 hm
7) 24 cm = .024 dam
8) 42 dam = .42 km
9) 45 m = 4.5 dam
10) 400 mm = .4 m
11) 3.6 hm = 36,000 cm
12) 2.1 km = 2,100,000 mm
13) 9 m = 9,000 mm
14) 188 cm = 1.88 m
15) 345 dm = .0345 km