




Metric Math Charts

Metric Conversion

K ing	H enry	D ied	U nusually 	D rinking	C hocolate	M ilk
Kilo  10 x 10 x 10 x LARGER than a unit	Hecto 10 x 10 x LARGER than a unit	Deca 10 x LARGER than a unit	* Unit * Meter (length) Liter (liquid volume) Gram (mass/weight) 1 unit	Deci 10 x SMALLER than a unit	Centi 10 x 10 x SMALLER than a unit	Milli  10 x 10 x 10 x SMALLER than a unit
1 kilo = 1,000 units	1 hecto = 100 units	1 deca = 10 units		10 deci = 1 unit	100 centi = 1 unit	1,000 milli = 1 unit
km = kilometer kL = kiloliter kg = kilogram	hm = hectometer hL = hectoliter hg = hectogram	dam = decameter daL = decaliter dag = decagram	m = meter L = liter g = gram	dm = decimeter dL = deciliter dg = decigram	cm = centimeter cL = centiliter cg = centigram	mm = millimeter mL = milliliter mg = milligram

Example: 5 kilo

50 hecto

500 deca

5,000 units

50,000 deci

500,000 centi

5,000,000 milli

← **DIVIDE** numbers by 10 if you are getting bigger (same as moving decimal point one space to the left)

MULTIPLY numbers by 10 if you are getting smaller (same as moving decimal point one space to the right) →

