







Metric Conversion

K ing	H enry	D ied	U nusually 	D inking	C hocolate	M ilk
Kilo	Hecto	Deca	* Unit * Meter (length) Liter (liquid volume) Gram (mass/weight)	Deci	Centi	Milli
10 x 10 x 10 x LARGER than a unit 	10 x 10 x LARGER than a unit	10 x LARGER than a unit		10 x SMALLER than a unit	10 x 10 x SMALLER than a unit	10 x 10 x 10 x SMALLER than a unit 
1 kilo = 1,000 units	1 hecto = 100 units	1 deca = 10 units	1 unit	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)

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$10 \times 10 \times 10 \times$ LARGER than a unit 	$10 \times 10 \times$ LARGER than a unit	$10 \times$ LARGER than a unit	* Unit * Meter (length) Liter (liquid volume) Gram (mass/weight)	$10 \times$ SMALLER than a unit	$10 \times 10 \times$ SMALLER than a unit	$10 \times 10 \times 10 \times$ SMALLER than a unit 
1 kilo = 1,000 units km = kilometer kl = kiloliter kg = kilogram	1 hecto = 100 units hm = hectometer hl = hectoliter hg = hectogram	1 deca = 10 units dam = decameter dal = decaliter dag = decagram	1 unit m = meter L = liter g = gram	10 deci = 1 unit dm = decimeter dl = deciliter dg = decigram	100 centi = 1 unit cm = centimeter cl = centiliter cg = centigram	1,000 milli = 1 unit 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

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