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# Weights & Measures (Quickstudy: Academic)

BASIC MEASUREMENT SYSTEMS			
Feet	ft	12 inches	30.48 cm
Yards	yd	3 feet	0.9144 m
Miles	mi	1,760 yards	1.6093 km
Centimeters	cm	10 millimeters	0.3937 inches
Meters	m	100 centimeters	39.37 inches
Kilometers	km	1,000 meters	0.6214 miles

LENGTH			
Inches	in	2.54 centimeters	0.0254 meters
Feet	ft	30.48 centimeters	0.3048 meters
Yards	yd	91.44 centimeters	0.9144 meters
Miles	mi	1,609.344 meters	1.6093 kilometers
Kilometers	km	1,000 meters	0.6214 miles
Meters	m	100 centimeters	39.37 inches
Centimeters	cm	10 millimeters	0.3937 inches
Millimeters	mm	0.1 centimeters	0.03937 inches

AREA			
Square Feet	sq ft	0.092903 square meters	0.00092903 hectares
Square Yards	sq yd	0.836127 square meters	0.00083613 hectares
Square Miles	sq mi	2.589988 square kilometers	0.0002589988 hectares
Square Inches	sq in	6.4516 square centimeters	0.00064516 square meters
Square Feet	sq ft	0.092903 square meters	0.00092903 hectares
Square Yards	sq yd	0.836127 square meters	0.00083613 hectares
Square Miles	sq mi	2.589988 square kilometers	0.0002589988 hectares

ENERGY			
Btu	Btu	1055.06 joules	0.00105506 kilowatt-hours
Kilowatt-hour	kWh	3,600,000 joules	3.6 kilowatt-hours
Calorie	cal	4.184 joules	0.000004184 kilowatt-hours
Kilocalorie	kcal	4,184 joules	0.000004184 kilowatt-hours

VOLUME (LIQUID)			
Gallons	gal	3.78541 liters	0.00378541 kiloliters
Quarts	qt	0.946353 liters	0.000946353 kiloliters
Pints	pt	0.473176 liters	0.000473176 kiloliters
Cups	cup	0.236588 liters	0.000236588 kiloliters
Fluid Ounces	fl oz	29.5735 milliliters	0.0000295735 kiloliters

VOLUME (DRY)			
Cubic Feet	cu ft	0.0283168 cubic meters	0.0000283168 kiloliters
Cubic Yards	cu yd	0.764555 cubic meters	0.000764555 kiloliters
Cubic Inches	cu in	16.3871 milliliters	0.0000163871 kiloliters

WEIGHT			
Pounds	lb	0.453592 kilograms	0.000453592 metric tons
Ounces	oz	28.3495 grams	0.0000283495 metric tons
Tons	ton	2,000 pounds	0.907185 metric tons
Kilograms	kg	2.20462 pounds	0.00220462 metric tons
Grams	g	0.001 kilograms	0.000001 metric tons

NUMERICAL PREFIXES			
10 <sup>1</sup>	10	10	10
10 <sup>2</sup>	100	10 <sup>2</sup>	100
10 <sup>3</sup>	1,000	10 <sup>3</sup>	1,000
10 <sup>6</sup>	1,000,000	10 <sup>6</sup>	1,000,000
10 <sup>9</sup>	1,000,000,000	10 <sup>9</sup>	1,000,000,000
10 <sup>12</sup>	1,000,000,000,000	10 <sup>12</sup>	1,000,000,000,000

SI PREFIXES			
10 <sup>1</sup>	10	10	10
10 <sup>2</sup>	100	10 <sup>2</sup>	100
10 <sup>3</sup>	1,000	10 <sup>3</sup>	1,000
10 <sup>6</sup>	1,000,000	10 <sup>6</sup>	1,000,000
10 <sup>9</sup>	1,000,000,000	10 <sup>9</sup>	1,000,000,000
10 <sup>12</sup>	1,000,000,000,000	10 <sup>12</sup>	1,000,000,000,000



## Synopsis

Contains the conversions, tables and formulas used most by people at work, home or even vacationing.

## Book Information

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## Customer Reviews

I was actually looking for a chart for cooking measures for liquid and dry without buying 5 or 6 of those metal ones for the fridge. This has most of what I was looking for and a lot of what I really don't need and some I don't understand. I sure hope it helps without going to ASK.COM when I have a question.

This covers -- for all standard systems -- temps, lengths, areas, energy (BTU, HP, J, Kw, etc) weights, volumes, lumber, nails, nails/screws/bolts, tornadic & Beaufort & hurricane scales, and a few others. Its 4 pages are on 2 double-sided pages, each plastic enclosed, and already punched for a 3 ring notebook. The Fahrenheit - Celsius conversion table goes from -40 F to 212 F degree by degree with accompanying C degrees. While I wish it had something similar for lengths and weights, that would have involved many, many more pages and a simple calculator will let you quickly find the answers with the conversions in these charts. For \$5, this is very worthwhile to help those of us living in the USA who converse with residents in other countries and who wish to communicate in units they'll understand and appreciate.

I collected ALL of these in the series and I am so glad I did. These charts have become incredibly helpful and educational for both my own studies and reference as an MT, as well as my children using them for general knowledge and school work. I would highly recommend and buy again.

Christmas hit, even for the old folks. Great reference chart. I got one for me and then purchased more for other family members. Quicker than google. Lots of great info and pretty handy overall. Love that it's laminated. I got the Math Fundamentals 1 Guide, too. We had a great "quiz fest" on Christmas Day!

I have a 14yr old that I home school and he is having trouble with Math. These charts are very detailed and self explanatory and I would encourage anyone struggling in Math to try these out. They really do help. The cost is very low and they deliver very very quickly!

Impressive! I carry it to college classes as an extra resource. Has every type of measurement you could ever imagine and conversions as well. Whether you are a scientist, business owner, contractor, a do-it-yourselfer, or a cook, you will love it like I do.

You can never have too many of these sheets. These are very popular with my fellow students. We pass them around. They are not too expensive so if they like what I bought they buy their own and I do the same if I like one of their's I buy one for myself.

I bought many of these cards (in different subjects) from and they were a GREAT help in nursing school and now as a Nurse I find I refer to them all the time. Recommend highly!

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