

# English - Metric Conversions

## DRY MEASURE

- 1 pint = .550 liter
- 1 quart = 1.101 liters
- 1 peck = 8.809 liters
- 1 bushel = .352 hectoliter

## LIQUID MEASURE

- 1 pint = .473 liter
- 1 quart = .946 liter
- 1 gallon = 3.785 liter

## AVOIRDUPOIS MEASURE

- 1 ounce = 28.3495 grams
- 1 pound = .4536 kilogram
- 1 short ton = .9072 metric ton
- 1 long ton = 1.016 metric tons

## SQUARE MEASURE

- 1 sq inch = 6.452 sq cm
- 1 sq foot = .092 square meter
- 1 sq yard = .836 square meter
- 1 acre = .404 hectare
- 1 sq mile = 2.59 sq kilometers
- 1 sq mile = 259 hectares

## TEMPERATURE:

### *Celsius*

$$C^{\circ} = (F^{\circ} - 32) \times .555$$

### *Fahrenheit*

$$F^{\circ} = (C^{\circ} \times 1.8) + 32$$

## LONG MEASURE

- 1 inch = 25 mm (2.54 cm)
- 1 foot = .3 meter
- 1 yard = .9144 meter
- 1 mile = 1.609 kilometers

## CUBIC MEASURE

- 1 cu inch = 16.38 cu centimeters
- 1 cu foot = .0283 cu meter
- 1 cu yard = .764 cu meter

## METRIC MEASURE

- 1 millimeter = .04 inch
- 1 meter = 3.3 feet
- 1 meter = 1.1 yards
- 1 kilometer = .6 miles
- 1 sq centimeter = .16 square inch
- 1 sq meter = 11 square feet
- 1 sq meter = 1.2 square yards
- 1 cu centimeter = .06 cubic inch
- 1 cubic meter = 35 cubic feet
- 1 cubic meter = 1.3 cubic yards
- 1 liter = 1.06 quarts
- 1 cubic meter = 264 gallons
- 1 gram = .035 ounces
- 1 kilogram = 2.2 pounds
- 1 kilowatt = 1.3 horsepower
- 1 horsepower = .75 kilowatt

# Decimal Equivalents

1/64	.015625	17/64	.265625	33/64	.515625	49/64	.765625
1/32	.03125	9/32	.28125	17/32	.53125	25/32	.78125
3/64	.046875	19/64	.296875	35/64	.546875	51/64	.796875
1/16	.0625	5/16	.3125	9/16	.5625	13/16	.8125
5/64	.078125	21/64	.328125	37/64	.578125	53/64	.828125
3/32	.09375	11/32	.34375	19/32	.59375	27/32	.84375
7/64	.109375	23/64	.359375	39/64	.609375	55/64	.859375
1/8	.125	3/8	.375	5/8	.625	7/8	.875
9/64	.140625	25/64	.390625	41/64	.640625	57/64	.890625
5/32	.15625	13/32	.40625	21/32	.65625	29/32	.90625
11/64	.171875	27/64	.421875	43/64	.671875	59/64	.921875
3/16	.1875	7/16	.4375	11/16	.6875	15/16	.9375
13/64	.203125	29/64	.453125	45/64	.703125	61/64	.953125
7/32	.21875	15/32	.46875	23/32	.71875	31/32	.96875
15/64	.234375	31/64	.484375	47/64	.734375	63/64	.984375
1/4	.25	1/2	.5	3/4	.75	4/4	1.0