

Conversion Factors

Metric to English

| To Obtain | Multiply | By |
|----------------|---------------------|---------------|
| Inches | Centimeters | 0.3937007874 |
| Feet | Meters | 3.280839895 |
| Yards | Meters | 1.093613298 |
| Miles | Kilometers | 0.6213711922 |
| Square Inches | Square Centimeters | 0.1550003100 |
| Square Feet | Square Meters | 10.76391042 |
| Square Yards | Square Meters | 1.195990046 |
| Cubic Inches | Milliliters | 0.06102374409 |
| Cubic Feet | Cubic Meters | 35.31466672 |
| Cubic Yards | Cubic Meters | 1.307950619 |
| Fluid Ounces | Milliliters | 0.03381402270 |
| Teaspoons | Milliliters | 0.202884136 |
| Tablespoons | Milliliters | 0.0676280454 |
| Cups | Liters | 4.22675284 |
| Quarts | Liters | 1.05668821 |
| Gallons | Liters | 0.2641720524 |
| Ounces | Grams | 0.03527396195 |
| Pounds | Kilograms | 2.204622622 |
| Miles per Hour | Kilometers per Hour | 1.609344001 |

English to Metric

| To Obtain | Multiply | By |
|---------------------|----------------|--------------------|
| Centimeters | Inches | 2.54 |
| Meters | Feet | 0.3048 |
| Meters | Yards | 0.9144 |
| Kilometers | Miles | 1.609344 |
| Square Centimeters | Square Inches | 6.4516 |
| Square Meters | Square Feet | 0.09290304 |
| Square Meters | Square Yards | 0.83612736 |
| Milliliters | Cubic Inches | 16.387064 |
| Cubic Meters | Cubic Feet | 0.02831684659 |
| Cubic Meters | Cubic Yards | 0.764554858 |
| Milliliters | Fluid Ounces | 29.57352956 |
| Milliliters | Teaspoons | 4.92892159 |
| Milliliters | Tablespoons | 14.7867648 |
| Liters | Cups | 0.236588236 |
| Liters | Quarts | 0.946352946 |
| Liters | Gallons | 3.785411784 |
| Grams | Ounces | 28.34952313 |
| Kilograms | Pounds | 0.45359237 |
| Kilometers per Hour | Miles per Hour | 0.621371192 |

Note: Boldface numbers are exact, others are given to ten significant figures.