

| Index and Conversion Factors |                     |                 |                     |                        |             |
|------------------------------|---------------------|-----------------|---------------------|------------------------|-------------|
| To Convert From              | To                  | Multiply By     | To Convert From     | To                     | Multiply By |
| Acres                        | Hectares            | 0.4046856       | Meters, cubic       | Tons, register         | 0.353147    |
| Acres                        | Kilometers, square  | 0.004046856     | Miles, nautical     | Kilometers             | 1.852       |
| Acres                        | Meters, square      | 4,046.856       | Miles, statute      | Centimeters            | 160,934.4   |
| Centimeters                  | Meters              | 0.01            | Miles, statute      | Meters                 | 1,609.344   |
| Centimeters, square          | Meters, square      | 0.0001          | Miles, statute      | Kilometers             | 1.609344    |
| Degrees, Fahrenheit          | Degrees, Celsius    | subtract 32 and | Miles, square       | Hectares               | 258.9988    |
|                              |                     | multiply by 5/9 | Miles, square       | Kilometers, square     | 2.589988    |
| Feet                         | Centimeters         | 30.48           | Ounces, avoirdupois | Grams                  | 28.349523   |
| Feet                         | Meters              | 0.3048          | Ounces, avoirdupois | Kilograms              | 0.028349523 |
| Feet                         | Kilometers          | 0.0003048       | Ounces, troy        | Pounds, troy           | 0.083333    |
| Feet, cubic                  | Liters              | 28.316847       | Ounces, troy        | Grams                  | 31.10348    |
| Feet, cubic                  | Meters, cubic       | 0.028316847     | Pints, liquid       | Milliliters            | 473.176473  |
| Feet, square                 | Centimeters, square | 929.0304        | Pints, liquid       | Liters                 | 0.473176    |
| Feet, square                 | Meters, square      | 0.09290304      | Pounds, avoirdupois | Grams                  | 453.59237   |
| Gallons, US liquid           | Liters              | 3.785412        | Pounds, avoirdupois | Kilograms              | 0.45359237  |
| Gallons, US liquid           | Meters, cubic       | 0.003785412     | Pounds, avoirdupois | Quintals               | 0.00453592  |
| Grams                        | Ounces, troy        | 0.032151        | Pounds, avoirdupois | Tons, metric           | 0.000453592 |
| Grams                        | Pounds, troy        | 0.002679        | Pounds, troy        | Ounces, troy           | 12          |
| Hectares                     | Kilometers, square  | 0.01            | Pounds, troy        | Grams                  | 373.241722  |
| Hectares                     | Meters, square      | 10,000          | Quarts, dry         | Liters                 | 1.101221    |
| Inches                       | Centimeters         | 2.54            | Quarts, dry         | Dekaliters             | 0.1101221   |
| Inches                       | Meters              | 0.0254          | Quarts, liquid      | Milliliters            | 946.352946  |
| Inches, cubic                | Milliliters         | 16.387064       | Quarts, liquid      | Liters                 | 0.946352946 |
| Inches, cubic                | Liters              | 0.016387064     | Quintals            | Tons, metric           | 0.1         |
| Inches, cubic                | Meters, cubic       | 0.000016387064  | Tons, long          | Kilograms              | 1,016.047   |
| Inches, square               | Centimeters, square | 6.4516          | Tons, long          | Tons, metric           | 1.016047    |
| Inches, square               | Meters, square      | 0.00064516      | Tons, metric        | Quintals               | 10          |
| Kilograms                    | Ounces, troy        | 32.15075        | Tons, metric        | Ounces, troy           | 32,150.7    |
| Kilograms                    | Pounds, troy        | 2.679229        | Ton-miles, long     | Ton-kilometers, metric | 1.635169    |
| Kilograms                    | Tons, metric        | 0.001           | Ton-miles, short    | Ton-kilometers, metric | 1.459972    |
| Kilometers, square           | Hectares            | 100             | Tons, register      | Meters, cubic          | 2.831685    |
| Liters                       | Milliliters         | 1,000           | Tons, short         | Kilograms              | 907.185     |
| Liters                       | Meters, cubic       | 0.001           | Tons, short         | Tons, metric           | 0.907185    |
| Meters                       | Milliliters         | 1,000           | Yards               | Centimeters            | 91.44       |
| Meters                       | Centimeters         | 100             | Yards               | Meters                 | 0.9144      |
| Meters                       | Kilometers          | 0.001           | Yards, cubic        | Meters, cubic          | 0.7645549   |
| Meters, cubic                | Liters              | 1,000           | Yards, square       | Meters, square         | 0.836127    |