Conversion Chart

**Measurement**

**Unit 2 Line Master 7**

**Distance**

|  |  |  |
| --- | --- | --- |
| **Imperial** | **Metric** | **Imperial to Metric** |
| 12 in. = 1 ft 3 ft = 1 yd 1760 yd = 1 mi 5280 ft = 1 mi | 10 mm = 1 cm 100 cm = 1 m 1000 m = 1 km | 1 in. ≈ 2.54 cm 1 ft ≈ 0.3048 m 1 mi ≈ 1.61 km |

**Area**

|  |  |  |
| --- | --- | --- |
| **Imperial** | **Metric** | **Imperial to Metric** |
| 144 in.2 = 1 ft2 43 560 ft2 = 1 acre 640 acres = 1 mi2 | 10 000 cm2 = 1 m2 10 000 m2 = 1 hectare 100 hectares = 1 km2 | 1 in.2 ≈ 6.45 cm2 1 ft2 ≈ 0.092903 m2 1 mi2 ≈ 2.59 km2 |

**Volume**

|  |  |  |
| --- | --- | --- |
| **Imperial** | **Metric** | **Imperial to Metric** |
| 57.75 in.3 = 1 qt  4 qt = 1 gal  1 cup = 8 fluid oz | 1 cm3 =1 mL  1000 ml = 1 L  1000 L = 1 m3 | 16.39 cm3 ≈ 1 in.3 1 ft3 ≈ 0.0283168 m3 3.79 L ≈ 1 gal |

**Mass**

|  |  |  |
| --- | --- | --- |
| **Imperial** | **Metric** | **Imperial to Metric** |
| 437.5 grains = 1 oz 16 oz = 1 lb  2000 lb = 1 short ton | 1000 mg = 1 g 1000 g = 1 kg 1000 kg = 1 metric ton | 453 g ≈ 1 lb 2.2 lb ≈ 1 kg |

**Temperature**

Fahrenheit to Celsius conversions:   
°C = 59 (°F − 32)  
°F = 95 (°C + 32)

**Miscellaneous**

1 GB = 1000 MB

$1 CDN = $0.73 USD (at time of printing)