



Length

Compilation of technical data.
 PAI does not assume any responsibility.

| When You Know | Symbol | Multiply By | To Find | When You Know | Symbol | Multiply By | To Find |
|-------------------------|-------------------|---|----------------------------------|----------------------|--------|---|---------------------------|
| LENGTH | | | | | | | |
| Angström | Å | 0.000 1* | µm | Microinch or Mils | µin | 0.025 4* 0.001* | mm in |
| Micron or Micrometer | µm (1 000 000) | 10 000* 0.001* 0.000 039 | Å mm in | Inch | in | 0.083 333 0.027 778 25.40* 2.54* 0.025 4* | ft yd mm cm m |
| Millimeter | mm (1000) | 1 000.0* 0.1* 0.001* 0.039 4 | µm cm m in | | | | |
| Centimeter | cm (100) | 10.0* 0.01* 0.394 0.032 808 0.010 9 | mm | Foot | ft | 12.0* 0.333 333 30.48* 0.304 8* | in yd cm m |
| | | | m in ft yd | | | | |
| Decimeter | dm (10) | 10* 0.1* | cm m | Yard | yd | 36.0* 3.0* 91.44* 0.914 4* | in ft cm m |
| Meter | m (1) | 1 000.0* 100.0* 0.001* 39.37 3.280 8 1.094 | mm cm km in ft yd | | | | |
| Dekameter | dam (10) | 10.0* | m | Mile | mi | 63 360.0* 5 280.0* 1 760.0* 1 609.344* 1.609 344* | in ft yd m km |
| Hectometer | hm (100) | 100.0* | m | | | | |
| Kilometer | km (1000) | 1 000.0* 3 280.8 1 093.6 0.621 4 0.54 | m | Nautical Mile | INM | 1.150 8 1.852* | mi km |
| | | | ft yd mi INM | | | | |
| | | | | Chain | | 66.0* 22.0* | ft yd |
| | | | | | | | |
| | | | | Furlong | | 660.0* 220.0* | ft yd |
| | | | | | | | |
| | | | | Rod | | 16.5 | ft |
| | | | | | | | |
| | | | | Hand | | 4.0* | in |
| | | | | | | | |
| | | | | Fathom | | 6.0* | ft |
| | | | | | | | |
| | | | | Span | | 9.0* | in |
| | | | | | | | |
| | | | | Link | | 0.66* | ft |
| | | | | | | | |
| | | | | Vara (Texas) | | 0.925 926 | yd |
| | | | | | | | |

* An asterisk indicates the figure is exact.