

# Formulas - Data - Measurements

## Force - Length

### FORCE

1 poundal (pdl)	equal	0.1383 Newton (N)
1 ounce of force (ozf)	equal	0.278 Newton (N)
1 pound of force (lbf)	equal	4.448 Newton (N)
1 pound of force (lbf)	equal	0.4536 kilogram (kg)
1 U.S. ton	equal	8.90 kilo Newton (kN)
1 kilogram force	equal	2.205 pounds (lbf)
1 kilogram force	equal	9.807 Newton (N)
1 Newton (N)	equal	0.2248 pounds (lbf)

### LENGTH

1 mil	equal	0.0254 micrometer
1 inch	equal	25.4 millimeters
1 inch	equal	2.54 centimeters
1 inch	equal	1000 mil
1 foot	equal	0.3048 meter
1 foot	equal	30.48 centimeters
1 foot	equal	12 inches
1 yard	equal	0.914 meter
1 yard	equal	91.44 centimeters
1 yard	equal	914.4 millimeters
1 yard	equal	3 feet - 36 inches
1 chain	equal	20.1 meters
1 mile	equal	1.609 kilometers
1 mile	equal	1,760 yards - 5,280 feet
1 micrometer	equal	39.37 micro inches
1 millimeter	equal	0.03937 inches
1 centimeter	equal	0.3937 inches
1 decimeter	equal	3.937 inches
1 meter	equal	10 decimeters - 100 centimeters
1 meter	equal	1,000 millimeters
1 meter	equal	3.281 feet
1 meter	equal	1.094 yards
1 kilometer	equal	0.6214 mile
1 kilometer	equal	1,000 meters
1 kilometer	equal	100,000 centimeters