

# METRIC EQUIVALENTS

(Bureau of Standards)

## Length

Cm.	= 0.3937 In.	In.	= 2.54 Cm.
Meter	= 3.28 Ft.	Ft.	= 0.3048 Meter
Meter	= 1.094 Yds.	Yd.	= 0.9144 Meter
Kilom.	= 0.621 Mile	Mile	= 1.61 Kilom.

## Area

Sq. Cm.	= 0.1550 Sq. in.	Sq. in.	= 6.45 Sq. Cm.
Sq. M.	= 10.76 Sq. ft.	Sq. ft.	= 0.0929 Sq. M.
Sq. M.	= 1.196 Sq. yds.	Sq. yd.	= 0.836 Sq. M.
Hectare	= 2.47 Acres	Acre	= 0.405 Hectare
Sq. Kilom.	= 0.386 Sq. mi.	Sq. mi.	= 2.59 Sq. Kilom.

## Volume

Cu. Cm.	= 0.061 Cu. in.	Cu. in.	= 16.38 Cu. Cm.
Cu. M.	= 35.315 Cu. ft.	Cu. ft.	= 0.028 Cu. M.
Cu. M.	= 1.308 Cu yds.	Cu. yd.	= 0.7645 Cu. M.

## Capacity

Liter	= 0.0353 Cu. ft.	Cu. ft.	= 28.32 Liters
Liter	= 0.2642 Gal. (U.S.)	Gal.	= 3.785 Liters
Liter	= 61.023 Cu. in.	Cu. in.	= 0.0164 Liter

Liter = 2.202 lbs. of fresh water at 62° F.

## Weight

Gram	= 15.432 Grains	Ounce	= 28.35 Grams
Gram	= 0.0353 Ounce	Lb.	= 0.454 Kilgm.
Kilogram	= 2.2046 Lbs.	Ton (Sht)	= 907.18 Kilgm.
Kilogram	= 0.0011 Ton (Sht)	Ton (Sht)	= 0.907 Met. Ton
Met. Ton	= 1.1025 Tons (Sht)	Ton (Sht)	= 2.000 Lbs
Grain	= 0.0648 Gram		

## Pressure

1 Kilogram per sq. cm.	= 14.2233 pounds per sq. in.
1 pound per sq. in.	= 0.070307 kilograms per sq. cm.
1 kilogram per sq. meter	= 0.20482 pounds per sq. ft.
1 pound per sq. ft.	= 4.8824 kilograms per sq. meter
1 kilogram per sq. cm.	= 0.96784 standard atmosphere
1 standard atmosphere	= 1.033228 kilograms per sq. cm.
1 metric atmosphere	= 1 kilogram per sq. cm.
1 standard atmosphere	= 14.6959 pounds per sq. in.