

METRIC EQUIVALENTS

1 in. = 2.54 cm. 1 ft. = 30.48 cm. 1 yd. = 91.44 cm. 1 mi. = 1.609 km.	1 cm. = 0.3937 in. 1 m. = 39.37 in. 1 m. = 1.094 yd. 1 km. = 0.6214 mi.
1 sq. in. = 6.4514 sq. cm. 1 sq. ft. = 929.01 sq. cm. 1 sq. yd. = 0.83613 sq. m.	1 sq. cm. = 0.1550 sq. in. 1 sq. m. = 10.764 sq. ft. 1 sq. m. = 1.196 sq. yd.
1 cu. in. = 16.387 c.c. 1 cu. ft. = 28317 c.c. 1 cu. yd. = 0.7645 cu. m. 1 Imp. gal. = 4.546 l.	1 c. c. = 0.061 cu. in. 1 l. = 61.024 cu. in. 1 cu. m. = 1.308 cu. yd. 1 l. = 1.7598 Imp. pts.
1 lb. av. = 453.59 g. 1 gr. = 0.0648 g.	1 kg. = 2.205 lb. av. 1 g. = 15.432 gr.

DENSITIES OF SUBSTANCES, IN GRAMS PER CUBIC CENTIMETRE

Alcohol, ethyl.....	0.79	Lead, cast or wrought...	11.35
Alcohol, methyl.....	0.81	Maple.....	0.68
Aluminium, cast.....	2.57	Marble.....	2.65
Aluminium, wrought...	2.72	Mercury at 0° C.....	13.596
Benzine.....	0.90	Nickel.....	8.60
Bismuth.....	9.80	Oak.....	0.75
Brass wire (70 Cu + 30 Zn)	8.70	Paraffin.....	0.89
Cadmium, cast.....	8.56	Petroleum.....	0.88
Cedar.....	0.53	Pine, white.....	0.42
Cobalt, cast.....	8.60	Pine, red.....	0.59
Cork.....	0.24	Platinum.....	21.45
Copper, cast.....	8.88	Sea-water.....	1.025
Copper, wrought.....	8.90	Silver, cast.....	10.45
Diamond.....	3.55	Silver, wrought.....	10.56
Glycerine.....	1.26	Steel, wire.....	7.85
Gold, wrought.....	19.34	Sulphuric acid.....	1.84
Ice.....	0.92	Tin, cast.....	7.29
Iridium.....	22.10	Tungsten.....	19.12
Iron, gray cast.....	7.08	Uranium.....	18.49
Iron, wrought.....	7.85	Zinc, cast.....	7.10