

COMMON EQUIVALENTS

LENGTH	VOLUME	MASS (WEIGHT)	ABBREVIATIONS
1 in = 25.4 mm 1 in = 2.54 cm 1 ft = 30.48 cm 1 yd = 91.44 cm 1 mi = 5280. ft 1 mi = 1.609 km 1 mi = 0.868 nmi 1 mi = 1609.344 m 1 nmi = 6076.12 ft 1 nmi = 1.1508 mi 1 nmi = 1852 m 1 nmi = 1.853 km 1 mm = 0.039 in 1 cm = 0.394 in 1 cm = 0.033 ft 1 m = 39.37 in 1 m = 3.281 ft 1 km = 3280.84 ft 1 km = 0.6214 mi 1 km = 0.5400 nmi 1 fa = 6 ft	1 in <sup>3</sup> = 16.387 cc 1 ft <sup>3</sup> = 1728 in <sup>3</sup> 1 ft <sup>3</sup> = 0.02832 m <sup>3</sup> 1 ft <sup>3</sup> = 7.48 gal 1 yd <sup>3</sup> = 27 ft <sup>3</sup> 1 cm <sup>3</sup> = 1 ml 1 cm <sup>3</sup> = 1 cc 1 m <sup>3</sup> = 1,000 l 1 m <sup>3</sup> = 100,000 ml 1 m <sup>3</sup> = 35.315 ft <sup>3</sup> 1 m <sup>3</sup> = 264.17 gal 1 oz = 2 Tbs 1 oz = 6 tsp 1 pt = 16 oz 1 pt = 2 c 1 pt = 454 ml 1 qt = 2 pt 1 qt = 0.9464 l 1 gal = 4 qt 1 gal = 3.7854 l 1 gal = 0.8327 Igl 1 l = 1000 ml 1 l = 1 dm <sup>3</sup> 1 l = 1.057 qt	1 oz = 28.25 gm 1 lb = 453.6 gm 1 lb = 7000 gr 1 lb = 16 oz 1 lb = 0.4536 kg 1 at = 2000 lb 1 st = 907.2 kg 1 st = 0.9072 mt 1 st = 0.8929 lt 1 lt = 2240 lb 1 lt = 1.12 st 1 mt = 1000 kg 1 mt = 2204.6 lb 1 kg = 2.2046 lb sea water 1 ft <sup>3</sup> = 64 lb pure water (4°C) 1 ft <sup>3</sup> = 62.428 lb 1 ml = 1 gm 1 l = 1 kg 1 m <sup>3</sup> = 1 mt	ac acre atm atmosphere c cup cc cubic centimeter cm centimeter dm decimeter fa fathom ft foot gal US gallon gm gram gr grain hPa hectoPascal Igl Imperial gallon in inch kg kilogram km kilometer kph kilometer/hour kt knot
AREA	VELOCITY	FORCE (PRESSURE)	
1 in <sup>2</sup> = 6.5 cm <sup>2</sup> 1 ft <sup>2</sup> = 144.0 in <sup>2</sup> 1 ft <sup>2</sup> = 0.09 m <sup>2</sup> 1 yd <sup>2</sup> = 9 ft <sup>2</sup> 1 yd <sup>2</sup> = 1296 in <sup>2</sup> 1 yd <sup>2</sup> = 0.8 m <sup>2</sup> 1 ac = 4840 yd <sup>2</sup> 1 ac = 43560 ft <sup>2</sup> 1 ac = 0.4 hectare 1 mi <sup>2</sup> = 27,878,400 ft <sup>2</sup> 1 mi <sup>2</sup> = 2,589,988 m <sup>2</sup> 1 cm <sup>2</sup> = 0.16 in <sup>2</sup> 1 m <sup>2</sup> = 10,000 cm <sup>2</sup> 1 m <sup>2</sup> = 10.76 ft <sup>2</sup>	1 kt = 1.1507 mph 1 kt = 0.5144 mps 1 kt = 1.852 kmh 1 mph = 0.8690 kt 1 mph = 0.4470 mps 1 mph = 1.6093 kmh 1 mps = 3.6 kph 1 mps = 2.2369 mph 1 mps = 1.9438 kt 1 kph = 0.6214 mph 1 kph = 0.5399 kt	1 hPa = 1 mb 1 hPa = 0.750 mm <sub>Hg</sub> 1 hPa = 0.0295 in <sub>Hg</sub> 1 hPa = 100 Pa 1 Pa = 1 Newton/m <sup>2</sup> 1 Pa = 100,000 dyne/m <sup>2</sup> 1 mm <sub>Hg</sub> = 1.333 hPa 1 mm <sub>Hg</sub> = 0.0394 in <sub>Hg</sub> 1 in <sub>Hg</sub> = 33.864 hPa 1 in <sub>Hg</sub> = 25.4 mm <sub>Hg</sub> 1 atm = 1013.250 hPa 1 atm = 14.7 lb/in <sup>2</sup> 1 atm = 760 mm <sub>Hg</sub> 1 atm = 29.921 in <sub>Hg</sub> 1 atm = 33 ft <sub>sea water</sub>	l liter lb pound lt long ton m meter mb millibar mi statute mile ml milliliter mm millimeter mph s. mile/hour mps meter/sec mt metric ton nmi nautical mile oz US ounce Pa Pascal pt US pint qt US quart st short ton T tablespoon tsp teaspoon yd yard