



METRIC CONVERSION FACTORS		
To convert from	To	Multiply by
Inch	Centimeter	2.54
Foot	Centimeter	30.48
Yard	Meter	0.9144
Mile (statute)	Kilometer	1.6093
Square inch	Square centimeter	6.4516
Square foot	Square meter	0.092903
Square yard	Square meter	0.83613
Cubic inch	Cubic centimeter	16.387
Cubic foot	Liter	28.317
Ounce (U.S., liquid)	milliliter	29.574
Quart (U.S., liquid)	Liter	0.94635
Gallon (U.S., liquid)	Liter	3.7854
Grain	Milligram	64.799
Dram (avoirdupois)	Gram	1.7718
Ounce (avoirdupois)	Gram	28.350
Pound (avoirdupois)	Kilogram	0.45359
Inch of H ₂ O	Pascal	249.09
Inch of Hg	Pascal	3386.4
Pound/square inch	Pascal	6894.8
Btu	Joule	1055.1
Horsepower	Joule/second	745.70