WEIGHTS, VOLUMES, TEMPERATURES, & OTHER

Convert From	Into	Multiply By
	newton/sq meter	133.3224
	pascal	133.3224
	pound–force/sq ft	2.7845
	pound–force/sq in	0.0193
	torr	1
millimicron	ångstrom	10
	centimeter	1×10^{7}
	inch	3.937×10^{-9}
	meter	1×10^{-9}
	micrometer	0.001
	micron	0.001
	millimeter	1×10^{-6}
million gal/day	cu ft/sec	1.547
milliphot	footcandle	0.929
	lumen/sq ft	0.929
	lumen/sq meter	10
	lux	10
	phot	0.001
millivolt	statvolt	3.336×10^{-6}
	volt	0.001
mil	centimeter	2.540×10^{-3}
	foot	8.333×10^{-5}
	inch	0.001
	kilometer	2.54×10^{-8}
	millimeter	0.0254
	yard	2.778×10^{-5}
miner's inch (western US)	cu foot/min	1.2 to 1.56
	cu foot/sec	0.02 to 0.026
	liter/sec	0.57 to 0.74
minim (UK)	cu cm	0.0592
	cu inch	0.0036
	milliliter	0.05919
	ounce (UK, liq)	0.002083
	scruple (UK, liq)	0.05
minim (US)	cu cm	0.06161
	cu inch	0.00376
	dram (US, liq)	0.01667
	gallon (US, liq)	1.628×10^{-4}
	gill (US)	0.00052
	liter	6.1612×10^{-5}
	milliliter	0.061612
	ounce (US, liq)	0.002083
	pint (US, liq)	0.00013
minute (angle)	degree (angle)	0.016667
	quadrant	0.000185
	radian	0.0002909
	second (angle)	60
minute (mean solar)	day (mean solar)	0.000694
	day (sidereal)	0.000696
	hour (mean solar)	0.016667
	hour (sidereal)	0.016712
	minute (sidereal)	1.002738
minute (mean sidereal)	day (mean solar)	0.000693
	minute (mean solar)	0.99727
	month (mean calendar)	2.2769×10^{-5}
	second (sidereal)	60
minute(angle)/cm	radian/cm	0.0002909
mole/cu meter	kilomole/cu meter	1×10^{-3}
	millimole/cu meter	1×10^{3}
	mole/liter	1×10^{-3}
	units/cu meter	6.022137×10^{23}
mole/liter	mole/cu meter	1000
	mole/cu decimeter	1
mole/cu decimeter	mole/liter	1
month (lunar)	day (mean solar)	29.5306
	hour (mean solar)	708.734
	minute (mean solar)	42524.05
	second (mean solar)	2.551×10^{6}
	week (mean calendar)	4.21866
month (mean calend.)	day (mean solar)	30.4167
	hour (mean solar)	730
	month (lunar)	1.030005
	week (mean calendar)	4.34524
	year (calendar)	0.08333
	year (sidereal)	0.08327
	year (tropical)	0.08328
myriagram	gram	10000
	kilogram	10
	pound (avdp)	22.046
myriawatt	kilowatt	10
neper	decibel	8.686
newton	dyne	100000
	joule/meter	1
	kilogram–force	0.10197
	kilogram–meter/sq sec	1
	poundal	7.233
	pound–force	0.2248089
newton meter	dyne cm	1×10^{7}
	foot pound–force	0.73756
	gram–force cm	10197
	kg–force meter	0.10197
	pound–force inch	8.8507
newton/sq meter	atmosphere (std)	9.8692×10^{-6}
	bar	1×10^{-5}
	barye (French)	10
	dyne/sq cm	10
	cm of Hg (0°C)	0.0007501
	cm of H_2O (4°C)	0.0101972
	kg–force/sq cm	1.01972×10^{-5}
	kg–force/sq meter	0.101972
	pascal	1
	poundal/sq ft	0.671969
	pound–force/sq foot	0.0208854
	pound–force/sq in	0.00014504
	torr (0°C)	7.50062×10^{-3}
noggins (UK, liq)	cubic cm	142.065
	gallon (UK)	0.03125
oersted	ampere turn/inch	2.0213
	ampere turn/meter	79.5775
	ampere/meter	79.5775
	gilbert/cm	1
	oersted (Int)	1.000165
oersted (Int)	oersted	0.999835
ohm	abohm	1×10^{9}
	megohm	1×10^{-6}
	microohm	1×10^{6}
	ohms (Int)	0.99951
	statohm	1.1126×10^{-12}
ohms (Int)	ohm	1.00049
ohm cm	circ mil ohms/ft	6.015×10^{6}
	microohm cm	1×10^{6}
	ohm inch	0.3937
ohm inch	ohm cm	2.54
ohm meter	abohm cm	1×10^{11}
	statohm cm	1.113×10^{-10}
ounce (apoth or troy)	dekagram	3.11035
	dram (apoth or troy)	8
	dram (avdp)	17.554
	grain	480
	gram	31.1035
	milligram	31103.5
	ounce (avdp)	1.0971
	pennyweight (troy)	20
	pound (apoth or troy)	0.0833
	pound (avdp)	0.06857
	scruple (apoth)	24
	ton (short)	3.429×10^{-5}
ounce (avdp)	dram (apoth or troy)	7.2917
	dram (avdp)	16
	grain	437.5
	gram	28.3495
	hundredweight (long)	0.000558
	hundredweight (short)	0.000625
	kilogram	0.02835
	milligram	28.3495
	ounce (apoth or troy)	0.91146
	pennyweight (troy)	18.229
	pound (apoth or troy)	0.07595
	pound (avdp)	0.0625
	scruple (apoth)	21.875
	ton (long)	2.79×10^{-5}
	ton (metric)	2.835×10^{-5}
	ton (short)	3.125×10^{-5}
ounce (UK, liq)	cu cm	28.413
	cu inch	1.7339
	drachm (UK, liq)	8
	dram (US, liq)	7.6861
	gallon (UK)	0.00625
	milliliter	28.413
	minim (UK)	480
	ounce (US, liq)	0.96076
ounce (US, liq)	cu cm	29.5735
	cu inch	1.80469
	cup (US measuring)	0.125
	cu meter	2.9574×10^{-5}
	drop (US, liq)	360
	dram (US, liq)	8
	fifth (US, liq)	0.03906
	gallon (US, dry)	0.006714
	gallon (US, liq)	0.007813
	gill (US)	0.25
	jigger (US, liq)	0.66667
	liter	0.02957
	minim (US)	480
	ounce (UK, liq)	1.0408
	pint (US, liq)	0.0625
	pony (US, liq)	1
	quart (US, liq)	0.03125
	shot (US, liq)	1
	teaspoon (US measure)	6
	tablespoon(US measure)	2
ounce–force	newton	0.278
ounce–force/sq inch	dyne/sq cm	4309.2
	gram–force/sq cm	4.39418
	in of H2O @ 39.2°F	1.730097
	in of H2O @ 60°F	1.73166
	newton/sq meter	430.922
	pascal	430.922
	pound–force/sq foot	9
	pound–force/sq inch	0.0625
ounce (avdp)/ton (long)	milligram/kg	27.9018
ounce (avdp)/ton (short)	milligram/kg	31.25
ounce (troy)/ton (long)	ounce (troy)/ton (met)	0.984
	ounce (troy)/ton (short)	0.8929
	part/million	30.612
ounce (troy)/ton (short)	ounce (troy)/ton (l)	1.12
	ounce (troy)/ton (met)	1.1023
	part/million	34.286
ounce (troy)/ton (met)	ounce (troy)/ton (long)	1.016
	ounce (troy)/ton (short)	0.9072
	part/million	31.103
pace (US Survey)	centimeter	76.2
	chain (Gunter)	0.03788
	chain (Ramden)	0.025
	foot (US Survey)	2.5