

Appendix 2 – Metric Conversion Table

TO CONVERT FROM:	TO:	MULTIPLY BY:
atmospheres	bars	1.01325*
atmospheres	inches of mercury	29.921256
atmospheres	inches of water	406.80172
atmospheres	kilograms per square centimeter	1.0332275
atmospheres	kilopascals	101.325*
atmospheres	millibars	1013.25*
atmospheres	pounds per square inch	14.695949
barrels, non-oil liquid	cubic feet	4.2109376
barrels, non-oil liquid	cubic meters	0.1192405
barrels, non-oil liquid	gallons	31.5*
barrels, non-oil liquid	liters	119.24047
barrels, oil	cubic feet	5.6145833
barrels, oil	cubic meters	0.1589873
barrels, oil	gallons	42.0*
barrels, oil	liters	158.98729
bars	atmospheres	0.9869233
bars	inches of mercury	29.529983
bars	inches of water	401.48716
bars	kilograms per square centimeter	1.0197162
bars	kilopascals	100.0*
bars	millibars	1000.0*
bars	pounds per square foot	2088.5434
bars	pounds per square inch	14.503774
BTUs	calories	251.99576
BTUs	horsepower-hours	0.000393
BTUs	joules	1055.0559
BTUs	kilogram-meters	107.58576
BTUs	kilowatt-hours	0.0002931
BTUs	kilojoules	1.0550559
BTUs	pounds-feet	778.16927
BTUs	watt hours	0.2930711
BTUs per gallon	megajoules per cubic meter	0.279
BTUs per gallon	megajoules per liter	0.000279
BTUs per minute	horsepower	0.0235809
BTUs per minute	kilowatts	0.0175843
BTUs per pound	joules per kilogram	2326.0*
BTUs per pound	kilojoules per kilogram	2.32*
BTUs per pound	megajoules per kilogram	0.002326*
calories	BTUs	0.0039683
calories	joules	4.1868*
calories	kilogram-meters	0.4269348
calories	pounds-feet	3.0880252
calories	watt hours	0.001163
centiliters	deciliters	0.1*
centiliters	liters	0.01*

*Exact number

Appendix 2 – Metric Conversion Table

TO CONVERT FROM:	TO:	MULTIPLY BY:
centimeters	feet	0.0328084
centimeters	hands	0.0984252
centimeters	inches	0.3937008
centimeters	meters	0.01*
centimeters	microns	10000.0*
centimeters	millimeters	10.0*
centimeters	mils	393.70079
centimeters	yards	0.0109361
centimeters per second	feet per second	0.0328084
centimeters per second	kilometers per hour	0.036*
centimeters per second	miles per hour	0.0223694
centimeters per second per second	feet per second per second	0.0438084
centimeters per second per second	g	0.0010197
centimeters per second per second	meters per second per second	0.01*
circles	circumferences	1.0*
circumferences	circles	1.0*
circumferences	degrees	360.0*
circumferences	grades	400.0*
circumferences	minutes	21600.0*
circumferences	quadrants	4.0*
circumferences	radians	6.2831853
circumferences	seconds	129600.0*
cubic centimeters	cubic inches	0.0610237
cubic centimeters	cubic meters	0.000001*
cubic centimeters	gallons	0.0002642
cubic centimeters	liters	0.001*
cubic centimeters	milliliters	1.0*
cubic centimeters	ounces, fluid	0.03381
cubic centimeters	pints	0.0021134
cubic centimeters	quarts	0.0010567
cubic feet	cubic centimeters	28316.847
cubic feet	cubic inches	1728.0*
cubic feet	cubic meters	0.0283168
cubic feet	cubic yards	0.037037
cubic feet	gallons	7.4805195
cubic feet	liters	28.316866
cubic feet	ounces, fluid	957.50649
cubic feet	pints	59.844156
cubic feet	quarts	29.922078
cubic feet, water	pounds	62.424215
cubic inches	cubic centimeters	16.387064
cubic inches	cubic feet	0.0005787
cubic inches	gallons	0.004329
cubic inches	liters	0.0163871
cubic inches	ounces, fluid	0.5541126

*Exact number

Appendix 2 – Metric Conversion Table

TO CONVERT FROM:	TO:	MULTIPLY BY:
cubic inches	pints	0.034632
cubic inches	quarts	0.017316
cubic inches, water	pounds	0.0361251
cubic meters	cubic centimeters	1000000.0*
cubic meters	cubic feet	35.314667
cubic meters	cubic yards	1.3079506
cubic meters	gallons	264.17205
cubic meters	liters	1000.0*
cubic meters, water	kilograms	999.94004
cubic meters, water	pounds	2204.4903
cubic yards	cubic feet	27.0*
cubic yards	cubic meters	0.7645549
cubic yards	gallons	201.97403
cubic yards	liters	764.55486
deciliters	centiliters	10.0*
deciliters	liters	0.1*
degrees	circumferences	0.0027778
degrees	grades	1.1111111
degrees	minutes	60.0*
degrees	quadrants	0.0111111
degrees	radians	0.0174533
degrees	seconds	3600.0*
fathoms	feet	6.0*
fathoms	meters	1.8288*
fathoms	yards	2.0*
feet	centimeters	30.48*
feet	fathoms	0.1666667
feet	furlongs	0.0015152
feet	inches	12.0*
feet	hands	3.0*
feet	kilometers	0.0003048
feet	meters	0.3048*
feet	mils	12000.0*
feet	yards	0.3333333
feet per second	centimeters per second	30.48*
feet per second	feet per minute	60.0*
feet per second	kilometers per hour	1.09728*
feet per second	knots	0.5924838
feet per second	meters per second	0.3048*
feet per second	miles per hour	0.6818182
feet per second per second	centimeters per second per second	30.48*
feet per second per second	<i>g</i>	0.0310809
feet per second per second	meters per second per second	0.3048*
furlongs	feet	660.0*
furlongs	meters	201.168*

*Exact number

Appendix 2 – Metric Conversion Table

TO CONVERT FROM:	TO:	MULTIPLY BY:
furlongs	miles	0.125*
furlongs	yards	220.0*
<i>g</i>	centimeters per second per second	980.665*
<i>g</i>	feet per second per second	32.174049
<i>g</i>	meters per second per second	9.80665*
gallons	cubic centimeters	3785.4118
gallons	cubic feet	0.1336806
gallons	cubic inches	231.0*
gallons	cubic meters	0.0037854
gallons	cubic yards	0.0049511
gallons	liters	3.7854118
gallons	ounces, fluid	128.0*
gallons	pints	8.0*
gallons	quarts	4.0*
gallons, acetone	pounds	6.6
gallons, castor oil	pounds	8.1
gallons, ethanol (ethyl alcohol)	pounds	7.6
gallons, ether	pounds	6.2
gallons, gasoline	pounds	6.0
gallons, kerosene	pounds	6.6
gallons, liquid propane	pounds	4.25
gallons, methanol (methyl alcohol)	pounds	6.7
gallons, naptha	pounds	5.6
gallons, nitromethane	pounds	9.4
gallons, oil (crude)	pounds	7.5
gallons, oil (refined)	pounds	7.0
gallons, turpentine	pounds	7.3
gallons, water	pounds	8.3449037
gallons, water (sea)	pounds	8.6
gallons, imperial	liters	4.54609*
gallons, imperial	gallons, U.S.	1.2009499
gallons, U.S.	gallons, imperial	0.8326742
gallons per horsepower-hour	liters per kilowatt-hour	0.0793181
gons	grades	1.0*
grades	circumferences	0.0025*
grades	degrees	0.9*
grades	gons	1.0*
grades	minutes	54.0*
grades	radians	0.015708
grades	quadrants	0.01*
grades	seconds	3240.0*
grains	grams	0.0647989
grains	milligrams	64.798911
grains	ounces	0.0022857
grams	grains	15.432358

*Exact number

Appendix 2 – Metric Conversion Table

TO CONVERT FROM:	TO:	MULTIPLY BY:
grams	kilograms	0.001*
grams	milligrams	1000.0*
grams	ounces	0.035274
grams	pounds	0.0022046
grams per centimeter	kilograms per meter	10.0*
grams per cubic centimeter	pounds per cubic foot	62.42796
grams per cubic centimeter	pounds per cubic inch	0.0361273
grams per cubic centimeter	pounds per gallon	8.3454044
grams per cubic centimeter	kilograms per cubic meter	1000.0*
grams per kilowatt-hour	pounds per horsepower-hour	0.001644
hands	centimeters	10.16*
hands	feet	0.3333333
hands	inches	4.0*
horsepower	pounds-feet per minute	33000.0*
horsepower	pounds-feet per second	550.0*
horsepower, metric	horsepower, SAE	0.9863201
horsepower, metric	kilogram-meters per second	75.0*
horsepower, metric	kilowatts	0.7354988
horsepower, SAE	horsepower, metric	1.0138697
horsepower, SAE	kilowatts	0.7456999
horsepower-hours	BTUs	2544.4336
horsepower-hours	calories	641186.48
horsepower-hours	kilojoules	2684.52*
horsepower-hours	kilowatt-hours	0.7456999
horsepower-hours	megajoules	2.68452*
inches	centimeters	2.54*
inches	feet	0.0833333
inches	hands	0.25*
inches	meters	0.0254*
inches	microns	25400.0*
inches	millimeters	25.4*
inches	mils	1000.0*
inches	yards	0.0277778
inches of mercury	atmospheres	0.0334211
inches of mercury	bars	0.0338639
inches of mercury	inches of water	13.595915
inches of mercury	kilograms per square centimeter	0.0345316
inches of mercury	kilopascals	3.3863886
inches of mercury	millibars	33.863886
inches of mercury	pounds per square foot	70.726197
inches of mercury	pounds per square inch	0.4911541
inches of water	atmospheres	0.0024582
inches of water	bars	0.0024907
inches of water	inches of mercury	0.0735515
inches of water	kilograms per square centimeter	0.0025398

*Exact number

Appendix 2 – Metric Conversion Table

TO CONVERT FROM:	TO:	MULTIPLY BY:
inches of water	kilograms per square meter	25.398476
inches of water	kilopascals	0.249074
inches of water	millibars	2.4907397
inches of water	pounds per square foot	5.2020179
inches of water	pounds per square inch	0.0361251
joules	BTUs	0.0009478
joules	calories	0.2388459
joules	kilogram-meters	0.1019716
joules	kilojoules	0.001*
joules	megajoules	0.000001*
joules	newton-meters	1.0*
joules	ounces-inches	141.61193
joules	pounds-feet	0.7375622
joules	pounds-inches	8.8507457
joules	watt-hours	0.0002778
joules	watt-seconds	1.0*
joules per gram	kilojoules per kilogram	1.0*
joules per kilogram	BTUs per pound	0.0004299
kilograms	grams	1000.0*
kilograms	newtons	9.80665*
kilograms	pounds	2.2046224
kilograms	tons, long	0.0009842
kilograms	tons, short	0.0011023
kilograms, water	liters	1.00006
kilograms per cubic meter	grams per cubic centimeter	0.001*
kilograms per cubic meter	pounds per cubic foot	0.062428
kilograms per cubic meter	pounds per gallon	0.0083454
kilograms per kilowatt-hour	pounds per horsepower-hour	1.6439879
kilograms per liter	pounds per gallon	8.3454064
kilograms per meter	grams per centimeter	0.1
kilograms per meter	pounds per foot	0.671969
kilograms per meter	pounds per inch	0.0559974
kilograms per square centimeter	atmospheres	0.9678411
kilograms per square centimeter	bars	0.980665*
kilograms per square centimeter	inches of mercury	28.959021
kilograms per square centimeter	inches of water	393.7244
kilograms per square centimeter	kilograms per square meter	10000.0*
kilograms per square centimeter	kilopascals	98.0665*
kilograms per square centimeter	millibars	980.665*
kilograms per square centimeter	pounds per square foot	2048.1614
kilograms per square centimeter	pounds per square inch	14.223343
kilograms per square meter	kilograms per square centimeter	0.0001*
kilograms per square meter	pounds per square foot	0.2048161
kilogram-meters	BTUs	0.0092949
kilogram-meters	calories	2.3422781

*Exact number

Appendix 2 – Metric Conversion Table

TO CONVERT FROM:	TO:	MULTIPLY BY:
kilogram-meters	joules	9.80665*
kilogram-meters	pounds-feet	7.2330139
kilogram-meters	watt-hours	0.0027241
kilojoules	BTUs	0.9478171
kilojoules	horsepower-hours	0.0003725
kilojoules	joules	1000.0*
kilojoules	kilowatt-hours	0.0002778
kilojoules	megajoules	0.001*
kilojoules per kilogram	BTUs per pound	0.4299226
kilojoules per kilogram	joules per gram	1.0
kilometers	meters	1000.0
kilometers	miles, nautical	0.5399568
kilometers	miles, statute	0.6213712
kilometers per hour	centimeters per second	27.777778
kilometers per hour	knots	0.5399568
kilometers per hour	meters per second	0.2777778
kilometers per hour	miles per hour	0.6213712
kilometers per liter	miles per gallon, imperial	2.8248094
kilometers per liter	miles per gallon, U.S.	2.3521459
kilopascals	atmospheres	0.0098692
kilopascals	bars	0.01*
kilopascals	inches of mercury	0.2952998
kilopascals	inches of water	4.0148716
kilopascals	kilograms per square centimeter	0.0101972
kilopascals	millibars	10.0*
kilopascals	pascals	0.001*
kilopascals	pounds per square foot	20.885434
kilopascals	pounds per square inch	0.1450377
kilowatts	BTUs per minute	56.869027
kilowatts	horsepower, metric	1.3596216
kilowatts	horsepower, SAE	1.3410221
kilowatts	newton-meters per second	1000.0*
kilowatt-hours	BTUs	3412.1416
kilowatt-hours	horsepower-hours	1.3410221
kilowatt-hours	joules	3600000.0*
kilowatt-hours	kilojoules	3600.0*
kilowatt-hours	megajoules	3.6*
kilowatt-hours	watt-hours	1000.0*
knots	feet per minute	101.26859
knots	feet per second	1.6878099
knots	kilometers per hour	1.852*
knots	miles per hour	1.1507794
liters	centiliters	100.0*
liters	cubic centimeters	1000.0*
liters	cubic feet	0.0353147

*Exact number

Appendix 2 – Metric Conversion Table

TO CONVERT FROM:	TO:	MULTIPLY BY:
liters	cubic inches	61.023744
liters	cubic yards	0.0013079
liters	deciliters	10.0*
liters	gallons, imperial	0.2199692
liters	gallons, U.S.	0.2641721
liters	milliliters	1000.0*
liters	ounces, fluid	33.814023
liters	pints	2.1133764
liters	quarts	1.0566882
liters, water	kilograms	0.99994
liters, water	pounds	2.2044903
liters per kilowatt-hour	gallons per horsepower-hour	12.607459
liters per kilowatt-hour	quarts per horsepower-hour	3.1518648
liters per kilowatt-hour	pints per horsepower-hour	1.5759324
megajoules	joules	1000000.0*
megajoules	kilojoules	1000.0*
megajoules	kilowatt-hours	0.2777778
megajoules	horsepower-hours	0.3725061
megajoules per kilogram	BTUs per pound	429.92261
meters	fathoms	0.5468067
meters	feet	3.2808399
meters	furlongs	0.004971
meters	inches	39.370079
meters	kilometers	0.001
meters	mils	39370.079
meters	yards	1.0936133
meters per second	kilometers per hour	3.6*
meters per second	feet per second	3.2808399
meters per second per second	centimeters per second per second	100.0
meters per second per second	feet per second per second	3.2808399
meters per second per second	<i>g</i>	0.1019716
micrometers	micrometers	0.0254*
micrometers	micrometers	39.370079
micrometers	microns	1.0*
microns	centimeters	0.0001*
microns	inches	0.0000394
microns	micrometers	39.370079
microns	micrometers	1.0*
microns	millimeters	0.001*
microns	mils	0.0393701
miles, nautical	feet	6076.1155
miles, nautical	kilometers	1.852*
miles, nautical	miles, statute	1.1597794
miles, nautical	yards	2025.3718
miles, statute	feet	5280.0*

*Exact number

Appendix 2 – Metric Conversion Table

TO CONVERT FROM:	TO:	MULTIPLY BY:
miles, statute	furlongs	8.0*
miles, statute	kilometers	1.609344*
miles, statute	miles, nautical	0.8689762
miles, statute	yards	1760.0*
miles per gallon, imperial	kilometers per liter	0.3540062
miles per gallon, imperial	miles per gallon, U.S.	0.8326742
miles per gallon, U.S.	kilometers per liter	0.4251437
miles per gallon, U.S.	miles per gallon, imperial	1.2009499
miles per hour	centimeters per second	44.704*
miles per hour	feet per minute	88.0*
miles per hour	feet per second	1.4666667
miles per hour	kilometers per hour	1.609344*
miles per hour	knots	0.8689762
millibars	atmospheres	0.0009869
millibars	bars	0.001*
millibars	inches of mercury	0.02953
millibars	inches of water	0.4014872
millibars	kilograms per square centimeter	0.0010197
millibars	kilopascals	0.1*
millibars	millimeters of mercury	0.7500617
millibars	pascals	100.0*
millibars	pounds per square foot	2.0885434
millibars	pounds per square inch	0.0145038
milligrams	grains	0.0154324
milligrams	grams	0.001*
milligrams	ounces	0.0000353
milliliters	cubic centimeters	1.0*
milliliters	liters	0.001*
milliliters	ounces, fluid	0.033814
millimeters	centimeters	0.1*
millimeters	inches	0.0393701
millimeters	meters	0.001*
millimeters	microns	1000.0*
millimeters	mils	39.370079
mils	centimeters	0.00254*
mils	feet	0.0000833
mils	inches	0.001*
mils	meters	0.0000254*
mils	microns	25.4*
mils	millimeters	0.0254*
mils	yards	0.0002778
minutes	degrees	0.0166667
minutes	grades	0.0185185
minutes	radians	0.0002909
minutes	quadrants	0.0001852

*Exact number

Appendix 2 – Metric Conversion Table

TO CONVERT FROM:	TO:	MULTIPLY BY:
minutes	seconds	60.0*
newtons	kilograms	0.1019716
newtons	ounces	3.5969431
newtons	pounds	0.2248089
newtons per meter	newtons per millimeter	0.001*
newtons per meter	pounds per foot	0.0685218
newtons per millimeter	newtons per meter	1000.0*
newtons per millimeter	pounds per foot	68.52178
newtons per millimeter	pounds per inch	5.7101471
newtons per square meter	pascals	1.0*
newton-meters	joules	1.0*
newton-meters	pounds-foot	0.7375622
ounces	grains	437.5*
ounces	grams	28.35*
ounces	kilograms	0.0283495
ounces	milligrams	28349.523
ounces	newtons	0.2780139
ounces	pounds	0.0625*
ounces, fluid	cubic feet	0.0010444
ounces, fluid	cubic inches	1.8046875
ounces, fluid	gallons	0.0078125*
ounces, fluid	milliliters	29.573529
ounces, fluid	pints	0.0625*
ounces, fluid	quarts	0.03125*
ounces-inches	joules or newton-meters	0.0070616
ounces-inches	pounds-foot	0.0052083
ounces-inches	pounds-inches	0.0625*
pascals	bars	0.00001*
pascals	inches of mercury	0.0002953
pascals	inches of water	0.0040149
pascals	kilograms per square centimeter	0.0000102
pascals	kilopascals	1000.0*
pascals	millibars	0.01*
pascals	newtons per square meter	1.0*
pascals	pounds per square foot	208.85434
pints	cubic centimeters	473.17647
pints	cubic feet	0.0167101
pints	cubic inches	28.875
pints	gallons	0.125*
pints	liters	0.4731765
pints	ounces, fluid	16.0*
pints	quarts	0.5*
pints per horsepower-hour	liters per kilowatt-hour	0.634545*
pounds	grains	7000.0*
pounds	grams	453.6

*Exact number

Appendix 2 – Metric Conversion Table

TO CONVERT FROM:	TO:	MULTIPLY BY:
pounds	kilograms	0.4535924
pounds	newtons	4.4482217
pounds	ounces	16.0*
pounds	tons, metric	0.0004536
pounds, water	cubic feet	0.0160194
pounds, water	cubic inches	27.681566
pounds, water	cubic meters	0.0004536
pounds, water	gallons	0.1198336
pounds, water	liters	0.4536196
pounds per cubic foot	grams per cubic centimeter	0.0160185
pounds per cubic foot	pounds per cubic inch	0.0005787
pounds per cubic foot	kilograms per cubic meter	16.018464
pounds per cubic foot	pounds per gallon	0.1336806
pounds per cubic inch	grams per cubic centimeter	27.679905
pounds per cubic inch	pounds per cubic foot	1728.0*
pounds per cubic inch	kilograms per cubic meter	27679.905
pounds per cubic inch	pounds per gallon	231.0*
pounds per foot	kilograms per meter	1.488164
pounds per foot	newtons per meter	14.5939
pounds per foot	newtons per millimeter	0.0145939
pounds per foot	pounds per inch	12.0
pounds per gallon	grams per cubic centimeter	0.1198264
pounds per gallon	pounds per cubic foot	7.4805195
pounds per gallon	kilograms per cubic meter	119.82643
pounds per gallon	kilograms per liter	0.1198264
pounds per gallon	pounds per cubic inch	0.004329
pounds per horsepower-hour	grams per kilowatt-hour	608.2774
pounds per horsepower-hour	grams per megajoule	168.9659
pounds per horsepower-hour	kilograms per kilowatt-hour	0.6082774
pounds per inch	kilograms per meter	17.857968
pounds per inch	newtons per millimeter	0.1751268
pounds per inch	ounces per inch	16.0
pounds per inch	pounds per foot	0.0833333
pounds per square foot	atmospheres	0.0004725
pounds per square foot	bars	0.0004788
pounds per square foot	inches of mercury	0.014139
pounds per square foot	inches of water	0.1922331
pounds per square foot	kilograms per square centimeter	0.0004882
pounds per square foot	kilograms per square meter	4.8824277
pounds per square foot	kilopascals	0.0478803
pounds per square foot	millibars	0.4788026
pounds per square foot	pascals	47.880259
pounds per square foot	pounds per square inch	0.006944
pounds per square inch	atmospheres	0.068046
pounds per square inch	bars	0.0689476

*Exact number

Appendix 2 – Metric Conversion Table

TO CONVERT FROM:	TO:	MULTIPLY BY:
pounds per square inch	inches of mercury	2.0360207
pounds per square inch	inches of water	27.681566
pounds per square inch	pounds per square foot	144.0*
pounds per square inch	kilograms per square centimeter	0.070307
pounds per square inch	kilopascals	6.8947574
pounds per square inch	millibars	68.947574
pounds-feet	BTUs	0.0012851
pounds-feet	calories	0.3238316
pounds-feet	joules or newton-meters	1.3558179
pounds-feet	kilogram-meters	0.138255
pounds-feet	ounces-inches	192.0*
pounds-feet	pounds-inches	12.0*
pounds-feet	watt-hours	0.0003766
pounds-feet per minute	horsepower	0.0000303
pounds-inches	joules or newton-meters	0.1129848
pounds-inches	ounces-inches	16.0*
pounds-inches	pounds-feet	0.0833333
quadrants	circumferences	4.0*
quadrants	degrees	90.0*
quadrants	grades	100.0*
quadrants	minutes	5400.0*
quadrants	radians	1.5707963
quadrants	seconds	3240000.0*
quarts	cubic centimeters	946.35295
quarts	cubic feet	0.0334201
quarts	cubic inches	57.75
quarts	gallons	0.25*
quarts	liters	0.9463529
quarts	ounces, fluid	32.0*
quarts	pints	2.0*
quarts per horsepower-hour	liters per kilowatt-hour	0.3172725
radians	circumferences	0.0159154
radians	degrees	57.295779
radians	grades	63.661978
radians	Minutes	3437.7468
radians	seconds	206264.81
seconds	degrees	0.0002778
seconds	grades	0.0003086
seconds	minutes	0.0166667
seconds	radians	0.0000049
square centimeters	square feet	0.0010764
square centimeters	square inches	0.1550003
square centimeters	square yards	0.0001196
square feet	square centimeters	929.0304
square feet	square inches	144.0*

*Exact number

Appendix 2 – Metric Conversion Table

TO CONVERT FROM:	TO:	MULTIPLY BY:
square feet	square meters	0.092903
square feet	square yards	0.1111111
square inches	square centimeters	6.4516*
square inches	square feet	0.0069444
square inches	square meters	0.0006452
square inches	square millimeters	645.16*
square inches	square yards	0.0007716
square meters	square feet	10.76391
square meters	square inches	1550.0031
square meters	square yards	1.19599
square yards	square feet	9.0*
square yards	square inches	1296.0*
square yards	square meters	0.8361274
tons, long	kilograms	1016.0469
tons, long	pounds	2240.0*
tons, long	tons, short	1.12*
tons, metric	kilograms	1000.0*
tons, metric	pounds	2204.6226
tons, metric	tons, short	1.1023113
tons, short	kilograms	907.18475
tons, short	pounds	2000.0*
tons, short	tons, long	0.8928571
tons, short	tons, metric	0.9071847
watt-hours	BTUs	3.4121416
watt-hours	calories	859.84523
watt-hours	joules	3600.0*
watt-hours	kilogram-meters	367.09784
watt-hours	kilowatt-hours	0.001*
watt-hours	pounds-feet	2655.2237
yards	centimeters	91.44*
yards	fathoms	0.5*
yards	feet	3.0*
yards	furlongs	0.0045455
yards	inches	36.0*
yards	meters	0.9144*
yards	mils	36000.0*

*Exact number