



Formulas - Data - Measurements

Energy - Work - Fluid volume

ENERGY - WORK				
Foot pounds	x 1.356	equal	Joule	J
Joule	x 0.7376	equal	Foot pounds	ft.lb.
1 foot-pound		equal	1.356 J	
1 foot-pound		equal	1.488 kg/m	
1 kilokalorie		equal	4.185 kJ	
1 Btu		equal	1.055 kJ	
1 Joule		equal	1 watt/second (Ws)	
1 Joule		equal	1 Newton meter (Nm)	

FLUID VOLUME				
Quarts	x 0.946	equal	Liters	l
Gallons	3.7854	equal	Liters	l
Liters	x 1.057	equal	Quarts	qt
Liters	x 0.2642	equal	Gallons	gal
1 fluid ounce		equal	29.57 milli-liters	
1 US pint		equal	0.473 liters	
1 US pint		equal	4 gills	
1 US quart		equal	0.9464 liters	
1 US quart		equal	2 pints (8gills)	
1 gallon		equal	3.785 liters	
1 gallon		equal	4 quarts - 8 pints	
1 liter		equal	1.057 quarts	
1 liter		equal	0.2642 gallons	
1 barrel oil		equal	42 gallons, 168 quarts	
1 barrel oil		equal	158.97 liters	
1 US barrel		equal	31.5 gallons - 126 quarts	
1 gallon water		equal	8.3453 pounds	
1 hecto liter		equal	100 liters, 211.34 pints	
1 liter		equal	2.1134 pints - 10 deciliter	
1 liter		equal	1.0568 quarts	