



Conversion of British and American measurements and units

Lengths 1 inch = 25.4 mm 1 foot = 0.3048 m 1 yard = 0.9144 m 1 statute mile (land mile) = 1609.341 m 1 nautical mile (sea mile) = 1853.181 m 1 cm = 0.3937 inches 1 m = 39.37 inches	Areas 1 square inch = 6.4516 cm ² 1 square foot = 0.0929 m ² 1 square yard = 0.8361 m ² 1 acre = 4047 m ² 1 square mile = 2.5899 m ² 1 cm ² = 0.155 sq. in. 1 m ² = 10.764 sq. ft.
Volume 1 cu. inch = 16.387 cm ³ 1 cu. foot = 28.3167 dm ³ 1 cu. yard = 0.764551 m ³ 1 gallon (US) = 3.78540 l 1 gallon (Brit.) = 4.546 l 1 quart (US) = 0.946 l 1 barrel (US) = 158.8 l 1 m ³ = 35.3148 cu. ft. 1 dm ³ = 61.0239 cu. in.	Weights 1 ounce (oz) = 28.35 p 1 pound (lb) = 0.4536 kp 1 quarter = 12.7 kp 1 hundredweight (centweight; cwt) = 50.802 kp 1 kp = 2.2046 lbs. = 35.274 oz.
Temperature °C (Celsius) = 0.5556 * (F-32) ° F (Fahrenheit) = 1.8°C+32	Power 1 hp = 0.736 kW 1 hp = 1.014 hp = 0.7453 kW 1 kW = 1.36 hp = 1.31 hp