

Table: NAMES AND SYMBOLS FOR METRIC PREFIXES  
Table 1

Prefix	Symbol	Multiplier
exa	E	1,000,000,000,000,000,000
peta	P	1,000,000,000,000,000
tera	T	1,000,000,000,000
giga	G	1,000,000,000
mega	M	1,000,000
kilo	k	1,000
hecto	h	100
deka	da	10
deci	d	0.1
centi	c	0.01
milli	m	0.001
micro	u	0.000 001
nano	n	0.000 000 001
pico	p	0.000 000 000 001
femto	f	0.000 000 000 000 001
atto	a	0.000 000 000 000 000 001

METRIC AND ENGLISH EQUIVALENTS  
Table 2

Unit	Metric	English
acre	0.405 hectares	4,840 sq yards
barrel (oil, US)	159 liters	42 gallons (US)
carat	200 milligrams	.007 ounce avdp
degrees, C (Celsius)	water boils at 100 deg. C, freezes at 0 deg. C	multiply by 1.8 and add 32 to obtain degrees
degrees, F (Fahrenheit)	subtract 32 and divide by 1.8 to obtain degrees C	water boils at 212 deg. F, freezes at 32 deg. F
foot	0.3048 meters	0.333 yards
gallon (US)	3.79 liters	4 quarts, liquid
hectare	0.1 sq kilometer	2.47 acres; 10,00 sq meters; 11,960 sq yard
hectoliter	100 liters	26.42 gallons (US)
hundredweight	45.36 kilograms	100 pounds, avdp
inch	2.54 centimeters	0.0278 yards

kilogram	0.001 tons, metric	2.2 pounds, avdp
kilometer	1,000 meters	0.621 miles
kilometer, square	100 hectares	247 acres; 0.386 sq miles
liter	0.01 hectoliter	1.06 quarts, liquid
meter	100 centimeters	1.09 yards
meter, square	1.196 sq yards	
meter, cubic	1,000 liters	1.308 cu yards; 4 board feet
mile, nautical	1.852 kilometers	1.151 miles
mile (statute)	1.61 kilometers	5,280 feet
mile, square	259 hectares	640 acres; 2.59 sq kilometers
pound, avdp	0.454 kilograms	16 ounces, avdp
quart (US)	0.946 liters	0.25 gallons (US)
ton, deadweight	1.016 metric tons	2,240 pounds, avd
ton, long	1.016 metric tons	2,240 pounds, avd
ton, metric	1,000 kilograms	2,205 pounds, avd
ton, register	2.83 cu meters	100 cu feet
ton, short	0.907 metric tons	2,000 pounds, avd
yard	0.914 meters	3 feet
yard, square	0.836 sq meters	9 sq feet
yard, cubic	0.765 cu meters	27 cu feet