

APPROXIMATE CONVERSIONS FROM METRIC MEASURES

Metric unit	Multiply by	To obtain English unit
Length		
millimeters (mm)	0.04	inches (in)
centimeters (cm)	0.4	inches (in)
meters (m)	3.3	feet (ft)
meters	1.1	yards (yd)
kilometers (km)	0.6	miles (mi)
Area		
square centimeters (cm ²)	0.16	square inches (in ²)
square meters (m ²)	1.2	square yards (yd ²)
square kilometers (km ²)	0.4	square miles (mi ²)
hectares (ha)	2.5	acres (10,000 m ²)
Mass (weight)		
grams (g)	0.035	ounces (oz)
kilograms (kg)	2.2	pounds (lb)
metric tonnes (t)	1.1	short tons (1,000 kg)
Volume		
milliliters (mL)	0.03	fluid ounces (fl oz)
milliliters (mL)	0.06	cubic inches (in ³)
liters (L)	2.1	pints (pt)
liters (L)	1.06	quarts (qt)
liters (L)	0.26	gallons (gal)
cubic meters (m ³)	35	cubic feet (ft ³)
cubic meters (m ³)	1.3	cubic yards (yd ³)
Temperature (exact)		
degrees Celsius (°C)	multiply by 9/5, then add 32	degrees Fahrenheit (°F)