

WHICH MEASURE?

LENGTH

Metric System

- 1 centimeter (cm) = 10 millimeters (mm)
- 1 decimeter (dm) = 10 centimeters (cm)
- 1 meter (m) = 10 decimeters (dm)
- 1 meter (m) = 100 centimeters (cm)
- 1 meter (m) = 1,000 millimeters (mm)
- 1 dekameter (dkm) = 10 meters (m)
- 1 hectometer (hm) = 100 meters (m)
- 1 kilometer (km) = 100 dekameters (dkm)
- 1 kilometer (km) = 1,000 meters (m)

English System (U.S. Customary)

- 1 foot (ft) = 12 inches (in)
- 1 yard (yd) = 36 inches (in)
- 1 yard (yd) = 3 feet (ft)
- 1 mile (mi) = 5,280 feet (ft)
- 1 mile (mi) = 1,760 yards (yd)

AREA

Metric System

- 1 square meter (m²) = 100 square decimeters (dm²)
- 1 square meter (m²) = 10,000 square centimeters (cm²)
- 1 hectare (ha) = 0.01 square kilometer (km²)
- 1 hectare (ha) = 10,000 square meters (m²)
- 1 square kilometer (km²) = 1,000,000 square meters (m²)
- 1 square kilometer (km²) = 100 hectares (ha)

English System (U.S. Customary)

- 1 square foot (ft²) = 144 square inches (in²)
- 1 square yard (yd²) = 9 square feet (ft²)
- 1 square yard (yd²) = 1,296 square inches (in²)
- 1 acre (a) = 4,840 square yards (yd²)
- 1 acre (a) = 43,560 square feet (ft²)
- 1 square mile (mi²) = 640 acres (a)

VOLUME

Metric System

- 1 cubic decimeter (dm³) = 0.001 cubic meter (m³)
- 1 cubic decimeter (dm³) = 1,000 cubic centimeters (cm³)
- 1 cubic decimeter (dm³) = 1 liter (L)
- 1 cubic meter (m³) = 1,000,000 cubic centimeters (cm³)
- 1 cubic meter (m³) = 1,000 cubic decimeters (dm³)

English System (U.S. Customary)

- 1 cubic foot (ft³) = 1,728 cubic inches (in³)
- 1 cubic yard (yd³) = 27 cubic feet (ft³)
- 1 cubic yard (yd³) = 46,656 cubic inches (in³)

CAPACITY

Metric System

- 1 teaspoon (t) = 5 milliliters (mL)
- 1 tablespoon (T) \approx 15 milliliters (mL)
 - 1 liter (L) = 1,000 milliliters (mL)
 - 1 liter (L) = 1,000 cubic centimeters (cm³)
 - 1 liter (L) = 1 cubic decimeter (dm³)
 - 1 liter (L) = 4 metric cups
- 1 kiloliter (kL) = 1,000 liters (L)

English System (U.S. Customary)

- 1 tablespoon (T) = 3 teaspoons (t)
 - 1 cup (c) = 16 tablespoons (T)
 - 1 cup (c) = 8 fluid ounces (fl oz)
- 1 pint (pt) = 2 cups (c)
 - 1 pint (pt) = 16 fluid ounces (fl oz)
- 1 quart (qt) = 4 cups (c)
 - 1 quart (qt) = 2 pints (pt)
 - 1 quart (qt) = 32 fluid ounces (fl oz)
- 1 gallon (gal) = 16 cups (c)
 - 1 gallon (gal) = 8 pints (pt)
 - 1 gallon (gal) = 4 quarts (qt)
 - 1 gallon (gal) = 128 fluid ounces (fl oz)

WEIGHT

Metric System

- 1 gram (g) = 1,000 milligrams (mg)
- 1 kilogram (kg) = 1,000 grams (g)
- 1 metric ton (t) = 1,000 kilograms (kg)

English System (U.S. Customary)

- 1 pound (lb) = 16 ounces (oz)
- 1 ton (T) = 2,000 pounds (lb)

TIME

- 1 minute (min) = 60 seconds (sec)
- 1 hour (hr) = 60 minutes (min)
 - 1 day = 24 hours (hr)
 - 1 week = 7 days
 - 1 year (yr) = 52 weeks
 - 1 year (yr) = 365 or 366 days
 - 1 decade = 10 years
 - 1 century = 100 years