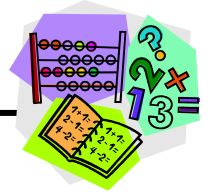


The Imperial System



The **Imperial System** is mainly used in the United States. Canada uses the [metric system](#) and the imperial system. The imperial system is used in some occupations, such as building construction. Many products are labelled with both metric and imperial units.

The chart illustrates some basic imperial units and measuring tools.

Measurement	Units	Abbreviations
Linear	inch	in. or "
	foot	ft. or '
	yard	yd. or yds.
	mile	mi.
Mass	ounces	oz.
	pounds	lb. or lbs.
	ton	T
Capacity	pint	pt.
	quart	qt.
	gallon	gal.
Volume	cubic inch	in. ³
	cubic yard	yd. ³
Temperature	degree Fahrenheit	°F
Time	seconds	s
	minutes	m

Common Imperial Conversions

Linear Measurement

12 inches = 1 foot
3 feet = 1 yard
1760 yards = 1 mile

Mass

16 ounces = 1 pound
2000 pounds = 1 ton

Capacity

2 cups = 1 pint
2 pints = 1 quart
4 quarts = 1 gallon



Practice: Converting Imperial Units

1. An outdoor education instructor bought 9 feet of rope to teach her students how to tie different knots. If there are eight students in her class, how many inches of rope does each child receive? HINT: 12 inches = 1 foot
2. Nancy is making potato salad for her family picnic. The recipe calls for three pounds of potatoes. The scale in the grocery store only measures weight in ounces. How many ounces of potatoes does she need for her recipe? HINT: 16 ounces = 1 pound
3. During a soccer tournament the concession expects to sell 100 cups of orange drink. How many quarts of orange drink should be prepared? HINT: 1 quart = 4 cups

Think About ...

When might people have to convert from one unit to another in the workplace?
At home?

If you didn't have an accurate measuring tool like a ruler, how would you estimate 3 feet? 8 ounces? 10 pounds? 1 cup?