

# Converting Customary Measures

## Units of Length

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

## Units of Capacity

- 1 cup (c) = 8 fluid ounces (fl oz)  
 1 pint (pt) = 2 c  
 1 quart (qt) = 2 pt  
 1 gallon (gal) = 4 qt

## Units of Weight

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

### How to change from one unit of measurement to another:

To change from larger units to smaller units, you have to multiply.

- 120 yd = \_\_\_\_\_ ft  
 1 yd = 3 ft  
 $120 \times 3 = 360$   
 120 yd = 360 ft

To change from smaller units to larger ones, you have to divide.

- 256 fl oz = \_\_\_\_\_ c  
 1 c = 8 fl oz  
 $256 \div 8 = 32$   
 256 fl oz = 32 c

Complete.

- 36 in. = \_\_\_\_\_ ft
  - 4 qt = \_\_\_\_\_ c
  - 5 lb = \_\_\_\_\_ oz
  - 39 ft = \_\_\_\_\_ yd
  - 1.5 mi = \_\_\_\_\_ ft
  - 3.5 gal = \_\_\_\_\_ qt
  - 2 T = \_\_\_\_\_ lb
  - 16 pt = \_\_\_\_\_ qt
  - 64 oz = \_\_\_\_\_ lb
  - 3 yd = \_\_\_\_\_ in.
  - 4 gal = \_\_\_\_\_ pt
  - 55 yd = \_\_\_\_\_ ft
  - 6.5 lb = \_\_\_\_\_ oz
  - 20 pt = \_\_\_\_\_ gal
  - 4.5 qt = \_\_\_\_\_ c
  - 205 yd = \_\_\_\_\_ ft
- 17. Reasoning** A vendor at a festival sells soup for \$1.25 per cup or \$3.75 per quart. Which is the better buy?
- \_\_\_\_\_