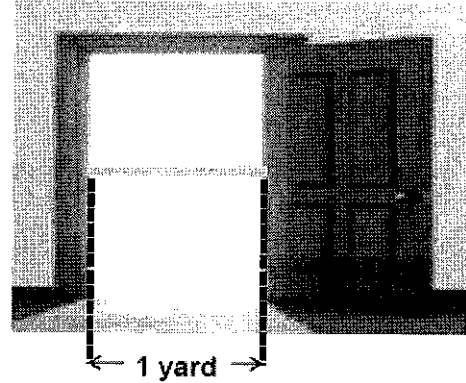
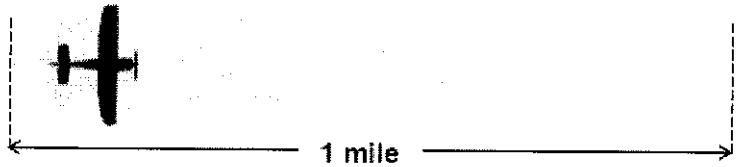
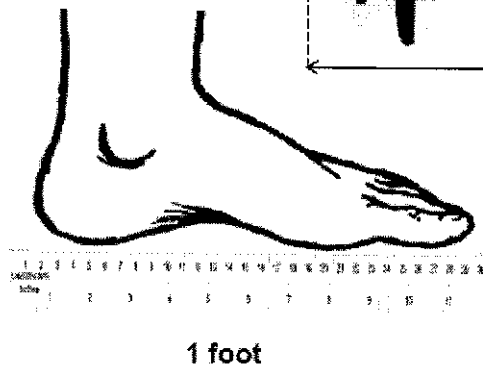
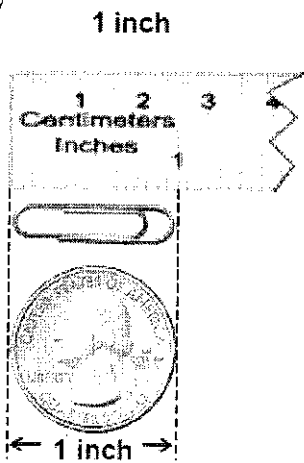


# Sec 1.1 - Basic Conversions.

Name: \_\_\_\_\_

Common Standard Length Measures:



Conversions: SMALL

LARGE

$$\frac{12 \text{ inches}}{1 \text{ foot}}$$

$$\frac{3 \text{ feet}}{1 \text{ yard}}$$

$$\frac{5280 \text{ feet}}{1 \text{ mile}}$$

$$\frac{1 \text{ foot}}{12 \text{ inches}}$$

$$\frac{1 \text{ yard}}{3 \text{ feet}}$$

$$\frac{1 \text{ mile}}{5280 \text{ feet}}$$

1. Convert 65 inches to feet.
2. Convert 9432 feet to miles.
3. Convert 1.3 miles to inches.
4. Convert 32 yards to inches.
5. Convert 4790 yards to miles

3

Common Standard Volume and Weight Measures:



1 fl. oz.



1 cup



1 pint



1 quart



1 gallon

Conversions: SMALL



LARGE

$$\frac{8 \text{ fluid ounces}}{1 \text{ cup}}$$

$$\frac{2 \text{ cups}}{1 \text{ pint}}$$

$$\frac{2 \text{ pints}}{1 \text{ quart}}$$

$$\frac{4 \text{ quarts}}{1 \text{ gallon}}$$

$$\frac{1 \text{ cup}}{8 \text{ fluid ounces}}$$

$$\frac{1 \text{ pint}}{2 \text{ cups}}$$

$$\frac{1 \text{ quart}}{2 \text{ pints}}$$

$$\frac{1 \text{ gallon}}{4 \text{ quarts}}$$

1. Convert 42 fluid ounces to cups.
2. Convert 2.8 gallons to pints.
3. Convert 4321 fluid ounces to quarts.
4. Convert 1.3 gallons to cups.

Conversions: SMALL → LARGE

$$\frac{16 \text{ ounces}}{1 \text{ pound}}$$

$$\frac{2000 \text{ pounds}}{1 \text{ ton}}$$

$$\frac{1 \text{ pound}}{16 \text{ ounces}}$$

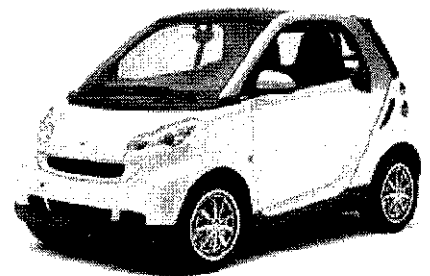
$$\frac{1 \text{ ton}}{2000 \text{ pounds}}$$



1 ounce



1 pound



1 ton

1. Convert 0.79 tons to pounds
2. Convert 72832 ounces to tons.