

# Chapter 10

**Customary units** - measurements in inches, gallons, pounds....

**Metric** - is a base 10 measurement. (powers of 10---  $10^2 = 100$ )

Meters (m) - length  
Liters (l) - capacity (liquids)  
Grams (g) - weight

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<b>Km</b>	<b>hm</b>	<b>dkm</b>	<b>M</b>	<b>dm</b>	<b>cm</b>	<b>mm</b>
<b>kg</b>	<b>hg</b>	<b>dkg</b>	<b>G</b>	<b>dg</b>	<b>cg</b>	<b>mg</b>
<b>kl</b>	<b>hl</b>	<b>dkl</b>	<b>L</b>	<b>dl</b>	<b>cl</b>	<b>ml</b>

**Customary length** -- inches, feet, yards, miles .

**Customary weight** - ounces, pounds, tons

**Customary capacity** - cups, pints, quarts, gallons,

**Going from smaller units to larger unit you divide.**

$$40 \text{ in.} = \underline{\hspace{2cm}} \text{ ft}$$

$$12 \text{ in.} = 1 \text{ ft}$$

so it is  $40 \div 12$  the remainder is inches

**Going from larger units to smaller units you multiply.**

$$6 \text{ gal.} = \underline{\hspace{2cm}} \text{ qts.}$$

**X**

$$1 \text{ gal} = 4 \text{ qts.}$$

$$6 \times 4$$