Lunch- Michaels Sub
Or Chef salad/ broccoli cheddar soup

1. Make sure yesterday's notes are taped in your notebook

2. Get a whiteboard and a marker (DO NOT WRITE ON IT YET)

$$\frac{18}{12} + \frac{5}{12} = \frac{23}{12} = \left(1\frac{11}{12}\right)$$

$$1\frac{6}{12} + \frac{5}{12} = \left(1\frac{11}{12}\right)$$

3. Problem of the Day In your notebook

$$1\frac{1}{2} + 5/12$$

Module 7 Lesson 2

- I will be able to convert measurements within a measurement system
- I will be able to convert measurements between measurement systems

Customary System

System of measurement used in the United States
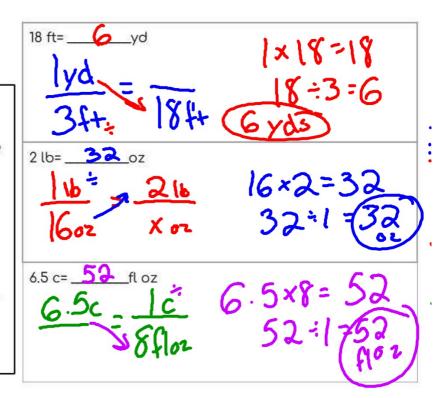
Units of Measurement-

Types of Measurement

Customary Measurements		
Length	**Weight**	**Capacity**
1 foot = 12 inches 1 yard = 3 feet 1 mile = 1,760 yards	1 pound = 16 ounces 1 ton = 2,000 pounds	1 cup = 8 fluid ounces 1 pint = 2 cups 1 quart = 2 pints 1 gallon = 4 quarts

1 yd = 36 in
1 mi = 5280 ft

Practice

Steps:

1. Identify the conversion rate that is needed to solve the problem.
2. Set up the proportion- 2 equal ratios
3. Solve the problem by cross multiplying and dividing by the left over number.

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18 ft= __6__ yd

$$\frac{1yd}{3ft \div} = \frac{}{18ft}$$

$1 \times 18 = 18$
$18 \div 3 = 6$
$\boxed{6\ yds}$

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2 lb= __32__ oz

$$\frac{1lb \div}{16oz} \nearrow \frac{2lb}{X\ oz}$$

$16 \times 2 = 32$
$32 \div 1 = \boxed{32\ oz}$

6.5 c= __52__ fl oz

$$\frac{6.5c}{} = \frac{1c \div}{8floz}$$

$6.5 \times 8 = 52$
$52 \div 1 = \boxed{52\ fl\ oz}$

Practice on White boards

1. 5 tons = __10,000__ pounds

2. 71 ft = __852__ in

3. 76 quarts = __19__ gallons

$$\frac{4qt}{1gal} = \frac{76qt}{}$$

4. 190 cups = __95__ pints

5. 29 pounds = __464__ ounces

6. 59 yd = __177__ ft

$$\frac{1gal}{4qt} = \frac{x}{76qt}$$

Homework

$$1qt = 2pts = 4c$$

×2

$$1pts = 2c$$

16c = _____ qt

$$\frac{1qt}{4c}$$