

**2.6.20**

## **Intro Topics: Unit Converting**

### **Today's Objectives:**

**To convert units from one to another!**

## Unit Conversions

1 day = 24 hours  
1 hour = 60 minutes

1) 5 days is how many hours?

$$\frac{5 \cancel{\text{days}} \times 24 \text{ hours}}{1 \cancel{\text{days}}}$$

120 hours

2) 5 days is how many minutes?

$$\frac{5 \cancel{\text{days}} \times 24 \cancel{\text{hrs}} \times 60 \text{ min}}{1 \cancel{\text{day}} \times 1 \cancel{\text{hr}}}$$

7,200 min

3) 100 cm is how many feet?

1 inch = 2.54 cm  
1 ft = 12 in

100 <del>cm</del>	1 in	1 ft
	2.54 cm	12 in

= 3.28 ft

$$\frac{100}{30.48}$$

4) A 100 kg person is how many ounces?

1 kg = 2.2 pounds  
1 pound = 16 ounces

100 kg	2.2 Pounds	16 Oz
	1 kg	1 Pounds

= 3,520 oz

## Elements!

C Carbon

N Nitrogen

O Oxygen

F Fluorine

Ne Neon