**Thursday, August 27, 2015**

**Objectives:**

1. Know how to make a graph using a set of data, including best-fit line and equation.
2. Know how to do a one step conversion, and possibly a multi-step conversion.

**Announcements:**

1. Project Data, Data Tables and Graph with best fit line equation due Monday
2. Timesheet Week 1 due today
3. Quiz Today

**What we are doing today:**

1. Best Fit Line Equation: Notes & Video
   1. Drawing a best fit line
   2. Y=mx + b
      1. Finding m (slope)
      2. Finding b (y-intercept) algebraically
      3. Solving for Y
      4. Solving for x

2. Barbie Bungee Jump graph: How to do the Homework

a. Calculate averages

b. Set-up Graph

c. Data Tables, Graph, Best Fit Line & Best Fit Line equation due

Monday.

1. Dimensional Analysis Notes
   1. Prefixes: milli to kilo
   2. How to convert between units
   3. Class practice
2. Classwork Practice / Homework (NEED A CALCULATOR FOR THIS)
   1. Problem 1 together
   2. Work on problems 1-12 with the time you have left in class. Anything not finished is homework due Monday.