

## Plotting and Analyzing Data Using Google Sheets and Desmos

1. Enter your group's data in the Class Data Sheet shared with you. **Once all data has been entered, make your own copy of the Class Google Sheet.**

### TOTAL CLASS DATA

#### 2. Create TOTAL class data:

- Total rows  
=SUM( *range of values* )

#### 3. Using the total class data

- Insert chart
- Customize
  - Title
  - Axis Labels
  - Change font and enlarge
- Screenshot your finished product, paste to the right, crop appropriately.

### YOUR GROUP'S DATA

#### 4. Using your group's data

- Cut and paste your own data from the table in a different place on the sheet so you can work with it
- Calculate decay factors
- Calculate average decay factor  
=AVERAGE( *range of values* )
- Take a screenshot of your data with decay factors calculated, and average decay factor.
- Paste Screenshot to the right.  
Crop appropriately.

## **RECREATE THE GRAPH IN #12 WITH SHEETS**

### **5. Using your equations from #12**

- Create a three column data table
  - # of Trials 1-15
  - # of Beads Remaining  
(Equation for Beads and autofill)
  - # of Skittles Remaining  
(Equation for Skittles and autofill)
- Create a chart. Highlight all three columns and you will get a graph with both curves on it.
- Customize
  - Title
  - Axis Labels
  - Change font and enlarge
- Screenshot your finished product, paste to the right, crop appropriately.