

Group Members: _____

Wash or sanitize your hands before you start.

In your group, you have a tube of mini M&Ms.

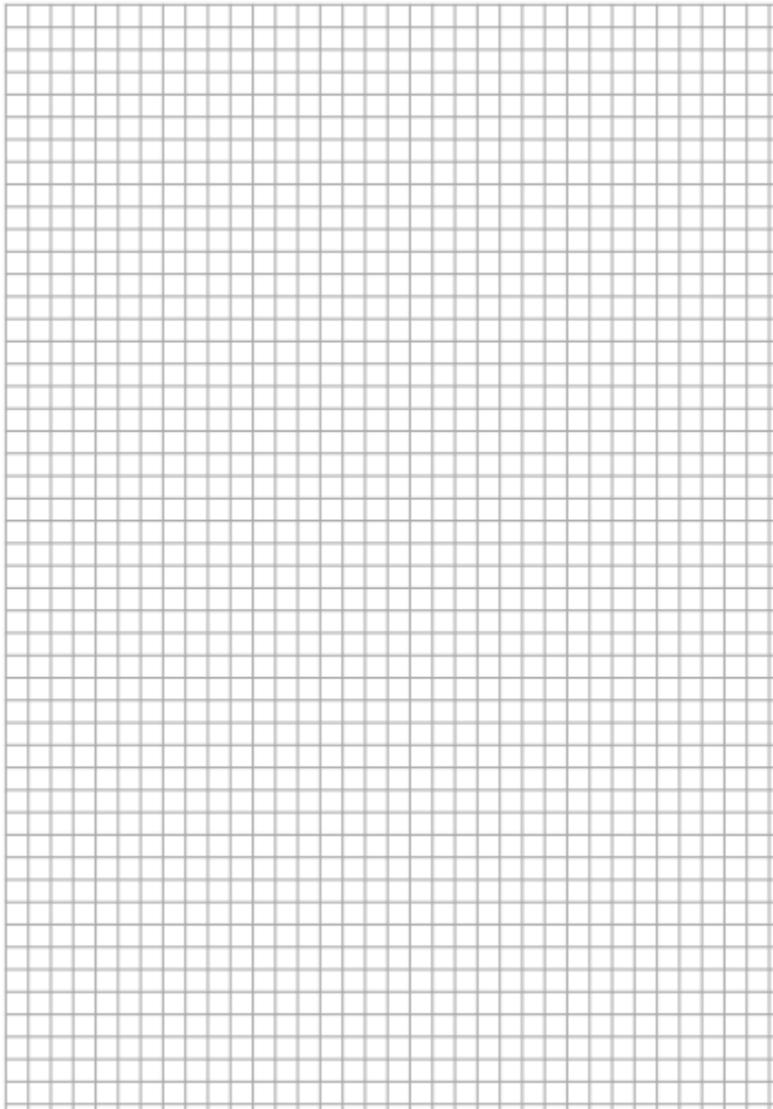
1. Dump and count the M&Ms. We have _____ M&Ms
2. Put all the M&Ms into the tube, then dump them again.
3. Remove (and eat if you wish) all of the M&Ms with an "m" that is facing up. Be careful, sometimes the yellows are hard to read.
4. Count the remaining M&Ms and put the number in the chart.
5. Repeat steps 2-4 until the chart is full, or there are no more M&Ms that remain.

Round	M&Ms
0 (initial value)	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	

What do you notice?

Is there a common first difference? Second difference? Is there a common ratio? Is the trend increasing or decreasing?

Graph your data. Draw a line/curve of best fit that is appropriate for the situation.



Identify the key features of your graph that exist.

Y intercept:

X intercept:

Axis of symmetry:

Vertical Asymptote:

Horizontal Asymptote:

Try to make an equation to model the situation.

Use desmos regression to make an equation to model the situation.