

Name _____

Date _____

1. Mrs. Leah's class uses what they have learned about simple machines to build marshmallow launchers. They record the distances their marshmallows travel in the chart below.

Distance Traveled (in Inches)				
4834	49	4914	50	4934
4912	4814	4912	4834	49
4914	4934	48	4914	4814
49	4834	49	49	4834

- a. Use the data to draw a line plot below.

- b. Explain the steps you took to create the line plot.

- c. How many more marshmallows traveled 4834 inches than 4814 inches?
- d. Find the three most frequent measurements on the line plot. What does this tell you about the distance that most of the marshmallows traveled?

Mrs. Schaut measures the heights of the sunflower plants in her garden. The measurements are shown in the chart below.

Heights of Sunflower Plants (in Inches)				
61	63	62	61	6212
6112	6112	6112	62	60
64	62	6012	6312	61
63	6212	6212	64	6212
6212	6312	63	6212	6312
62	6212	62	63	6012