

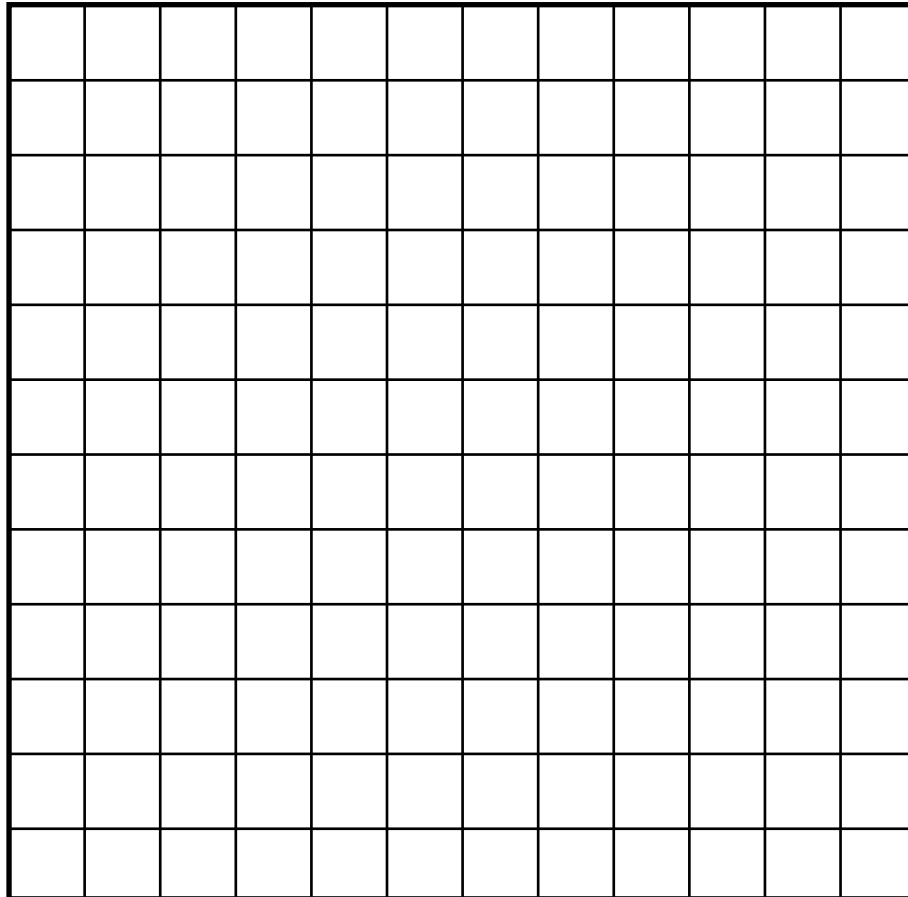
Predictions Quiz

You will need a ruler to complete these questions.

- I. Professor Peabody used the Sandwich Mass lab to see how long it took his mouse, Milo, to eat a dish of food. He recorded the data in a table.
 - A. Plot a graph for Professor Peabody's data.
 - B. If your graph suggests a line, draw a best-fit line.

<i>N</i> Number of Days	<i>M</i> Mass in Grams
0	114
1	103
2	91
4	67
6	43
8	22

- Title the graph
- Label the axes
- Record units



Name _____ Date _____

2. Tell the story of your graph. What does it tell you about the mass of the food the mouse ate?

3. Predict the mass of the food left in the dish after 3 days. Show or tell how you know.

4. Predict how many days it would take Milo to eat the entire dish of food. Show or tell how you made your prediction.

5. About how much food did Milo eat each day? Show or tell how you know.

Name _____ Date _____

Predictions Quiz Feedback Box

	Expectation	Check-In	Comments
Make a point graph. [Q# 1]	E10		
Draw a best-fit line. [Q# 1]	E10		
Tell the story in a graph. [Q# 2]	E11		
Solve problems involving mass. [Q# 3, 4, 5]	E4		

	Yes ...	Yes, but ...	No, but ...	No ...
MPE3. Check for reasonableness. I look back at my solution to see if my answer makes sense. If it does not, I try again. [Q# 3, 4, 5]				
MPE5. Show my work. I show or tell how I arrived at my answer so someone else can understand my thinking. [Q# 3, 4, 5]				
MPE6. Use labels. I use labels to show what numbers mean. [Q# 3, 4, 5]				