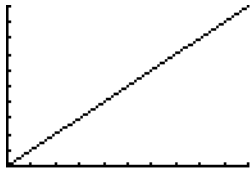

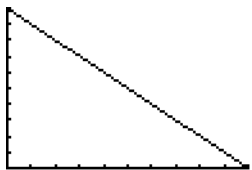
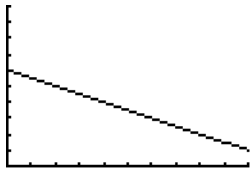
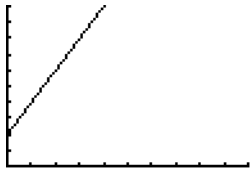





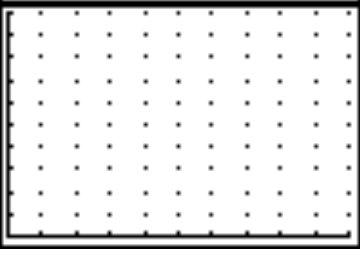
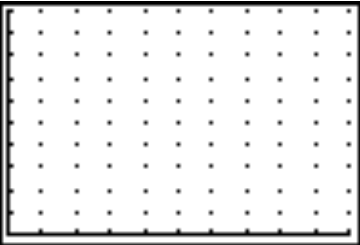

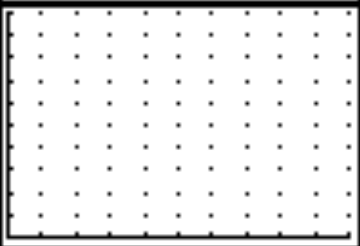
Match That Graph!


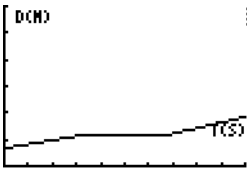
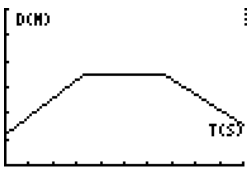
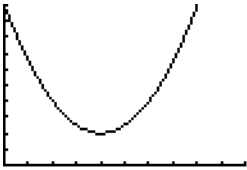
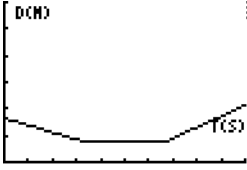
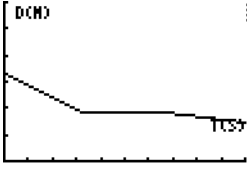
Name: _____

Date: _____

Graph Number	Graph to Match	My Strategy	Describe the Movement
1			
2			
3			
4			
5			
6			

Directions: On the axis provided, create a graph for each situation listed below.

Number	Story	My Representation
1	While Mikey was standing on the beach, he threw a rock as high as he could before the rock landed in the water.	
2	David sprinted for twenty seconds. He stopped for thirty seconds to catch his breath. He then continued sprinting for twenty more seconds.	
3	During a recent thunderstorm, the water level in the river increased at a steady rate and remained at a higher level for a period of time. The water then decreased nearly to the original level.	
4	The pilot decreased the plane's altitude to adjust for turbulence. Once the turbulence was over the pilot returned the aircraft to its previous cruising altitude.	
5	Diane threw her paper airplane. The airplane lowered at a constant speed, leveled off, and then rose at a constant speed until it was caught by Diane's friend Ellen.	
6	Attendance at the library's summer reading program was good at first, but it decreased steadily and then leveled off as families began their summer vacations.	

Number	Story	Possible Representation
1	While Mikey was standing on the beach, he threw a rock as high as he could before the rock landed in the water.	
2	David sprinted for twenty seconds. He stopped for thirty seconds to catch his breath. He then continued sprinting for twenty more seconds.	
3	During a recent thunderstorm, the water level in the river increased at a steady rate and remained at a higher level for a period of time. The water then decreased nearly to the original level.	
4	The pilot decreased the plane's altitude to adjust for turbulence. Once the turbulence was over the pilot returned the aircraft to its previous cruising altitude.	
5	Diane threw her paper airplane. The airplane lowered at a constant speed, leveled off, and then rose at a constant speed until it was caught by Diane's friend Ellen.	
6	Attendance at the library's summer reading program was good at first, but it decreased steadily and then leveled off as families began their summer vacations.	

Directions: Write a story that meets the criteria below. Create a graphical representation of your story.

Criteria:

Your story must include:

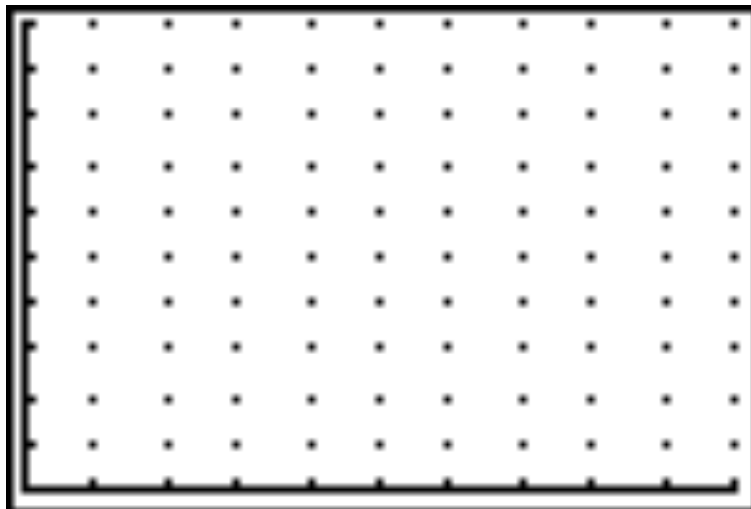
- a realistic situation that can be graphed
- at least one paragraph

Your graph must include:

- two to three linear sections
- one to two nonlinear sections

Cluster #__ Story #__

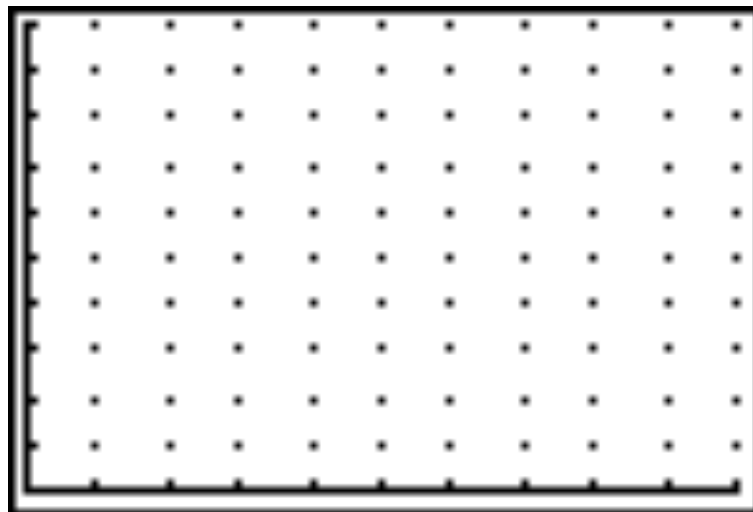
Cluster #__ Story #__



Cluster #__ Story #__



Cluster #__ Story #__



1. Identify similarities and differences between your graphical representation of your story and those of your classmates.

Similarities	Differences

2. Are the differences valid representations of your story? Justify your reasoning.

3. Revise your story to include more descriptive language to better represent your interpretation.
