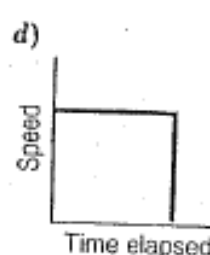
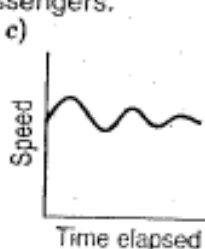
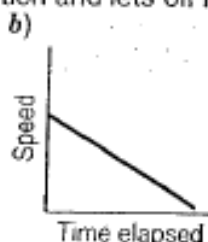
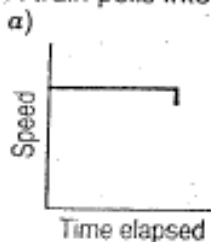


Graphing Stories Homework

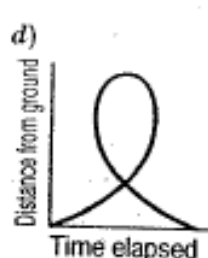
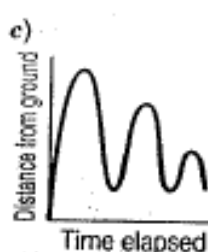
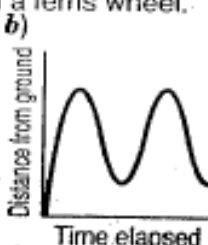
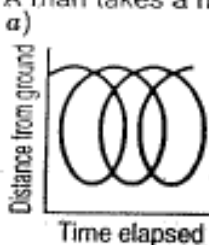
Name _____

Choose the graph that best represents each situation. Then write at least one sentence justifying why you chose the graph.

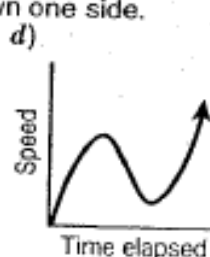
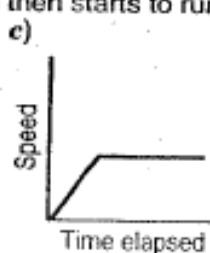
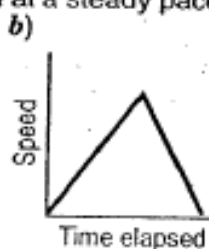
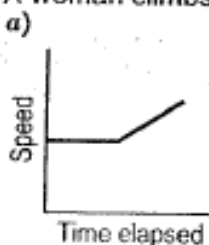
1. A train pulls into a station and lets off its passengers.



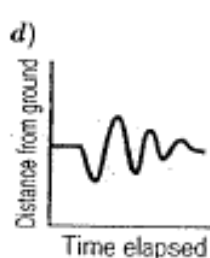
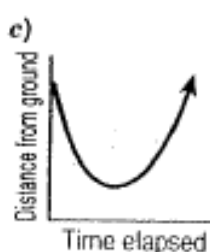
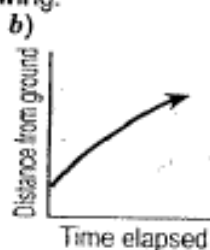
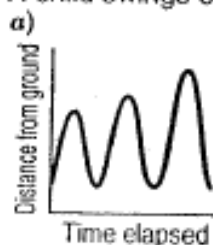
2. A man takes a ride on a ferris wheel.



3. A woman climbs a hill at a steady pace and then starts to run down one side.



4. A child swings on a swing.

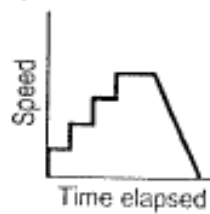


5. A child climbs up a slide and then slides down.

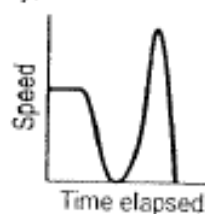
a)



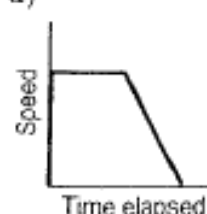
b)



c)

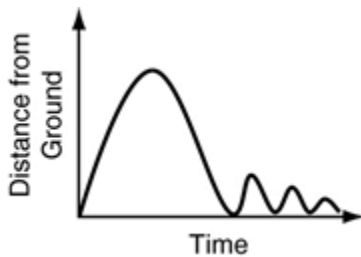


d)



Write a possible situation for each graph.

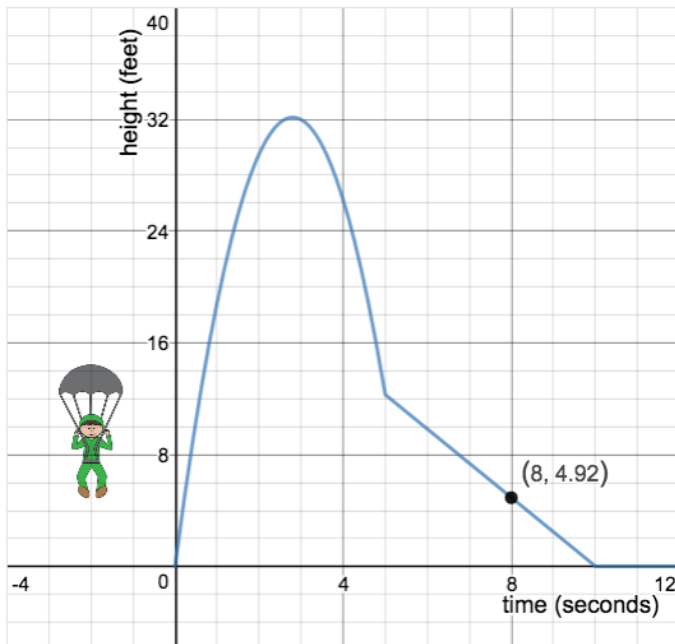
6.



7.



8. Remember Cannon Man? He's Back!



a. "After 8 seconds, Cannon Man was 4.92 feet off the ground." Translate this into function notation.

b. If $f(a) = 32$, find the value of a .

c. What does this mean in terms of the situation?