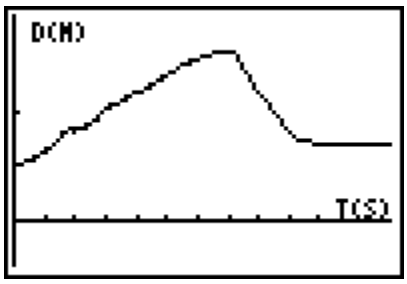
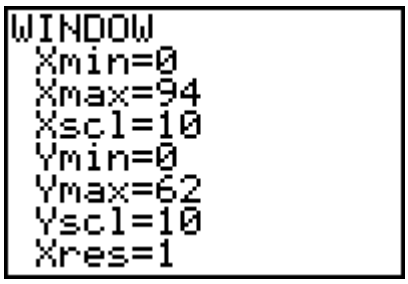
Activity 6: Slippery Slope for TI Navigator

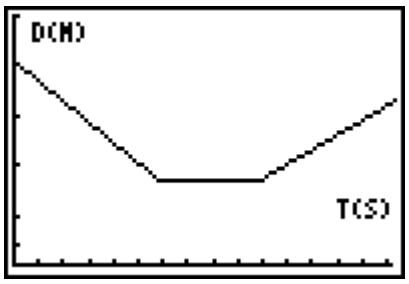
Question 1: Using the data set that produced the graph below, set up the plot and determine the slope of each segment using pairs of points. Store these values as the variables indicated (H, K, L).



H. Segment with a Flat Slope.
K. Segment with a Negative Slope.
L. Segment with a Positive Slope.

Question 2: Using the PIC7 file, place your cursor on the indicated segment of the graph. Set your Window as suggested below.





A. The Slope is Positive
B. The Slope is Negative
C. The Slope is Zero

Question 3: Given the following ordered pairs on a straight line, which choice is True? Point A: (4, 1) and Point B: (3, 2). Place the correct letter in the string Str1.

A. The slope is Positive.
B. The slope is Negative.
C. The slope is Zero.
D. You can't determine the slope.

Question 4: If you had two line segments with the points below, which would give the larger slope if they were on straight lines? Place the correct number choice in the variable S.

Point A: (4, 7) Point C: (3, 7)
Point B: (5, 8) Point D: (5, 8)

1. Segment AB or
2. Segment CD