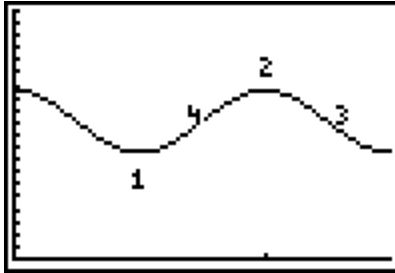


Activity 10: Swing Thing for TI Navigator

Question 1:

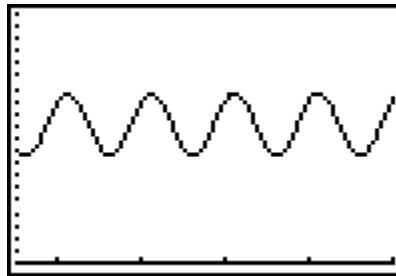
Given the following data from a pendulum, match the letter that describes the position of the can with respect to the CBR with the number on the graph. Do this by storing the number in the variable (7 \rightarrow A).



- A. The can is most distant from the CBR.
- B. The can is at the bottom of its swing, moving away from the CBR.
- C. The can is at the bottom of its swing, moving toward the CBR.
- D. The can is the closest to the CBR.

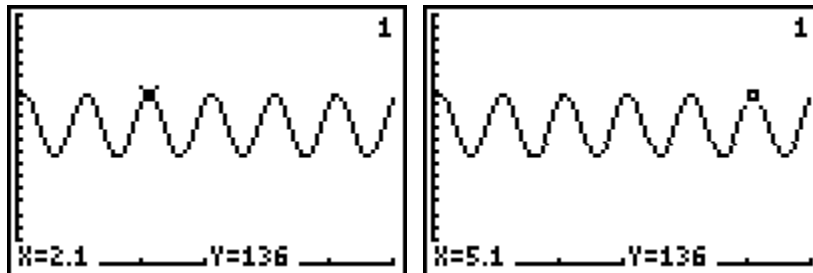
Question 2:

How many complete cycles of the pendulum do you see in the following display?



Question 3:

Calculate the Period of this pendulum given the following information.

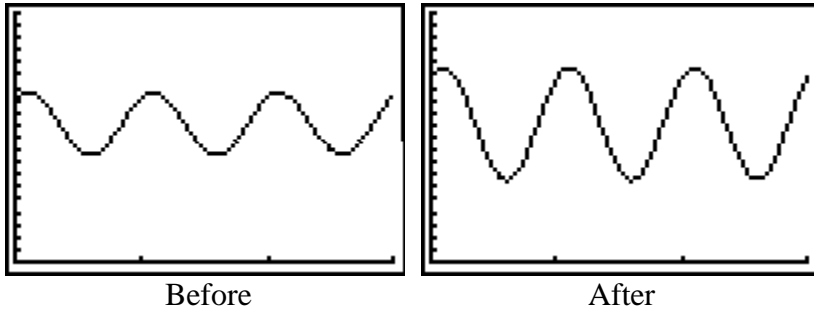


Activity 10: Swing Thing for TI Navigator

Question 4:

Which action do you think caused the change in the plot of the pendulum shown?

- A. Change the Length of string.
- B. Change the Mass of the can.
- C. Change the “Pull Back” distance.



Question 5:

Which action do you think caused the change in the plot of the pendulum shown?

- D. Change the Length of string.
- E. Change the Mass of the can.
- F. Change the “Pull Back” distance.

