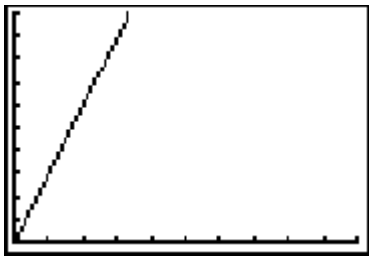
TRS 92: Exploring Slope with the CBR

Think about how you would describe in words the creation of these graphs. Be sure to use the CBR as a reference point when you determine the starting point of the person as well as how they walk.

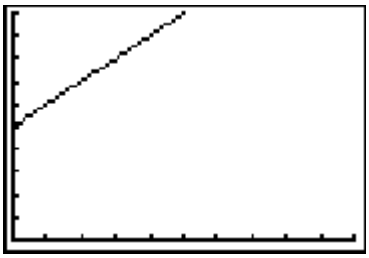
1.



Starting Point: _____

Walking: Towards, Away, Neither **(circle one)**

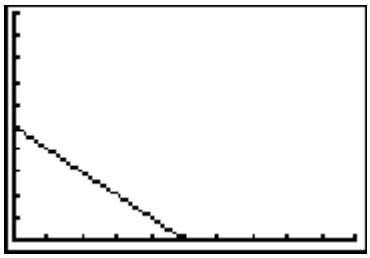
2.



Starting Point: _____

Walking: Towards, Away, Neither **(circle one)**

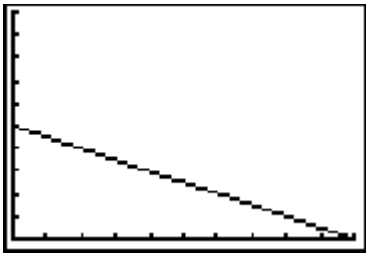
3.



Starting Point: _____

Walking: Towards, Away, Neither **(circle one)**

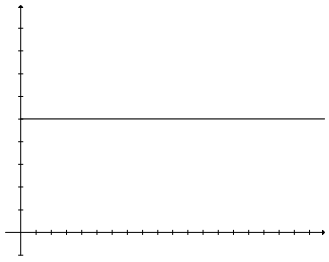
4.



Starting Point: _____

Walking: Towards, Away, Neither **(circle one)**

5.

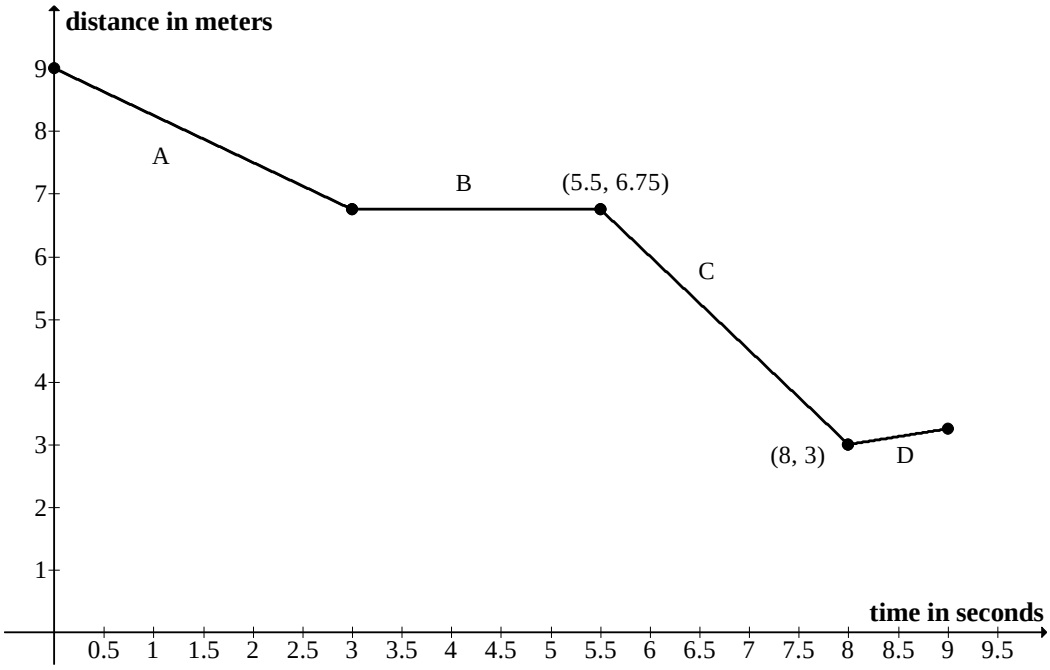


Starting Point: _____

Walking: Towards, Away, Neither **(circle one)**

6. Place the graphs in order from slowest to fastest speed:

7. Using the CBR, create a graph like the one shown below. The time and distance do not have to be exact as long as the shape is the same.



a. Describe the walker's actions in each section.

b. In which section is the walker moving the fastest?

c. Note that one endpoint for Segment B is given. Based on this, what is the coordinate for the other endpoint?

d. Based on the coordinates shown, what is the walker's speed in Segment C? Show any work.