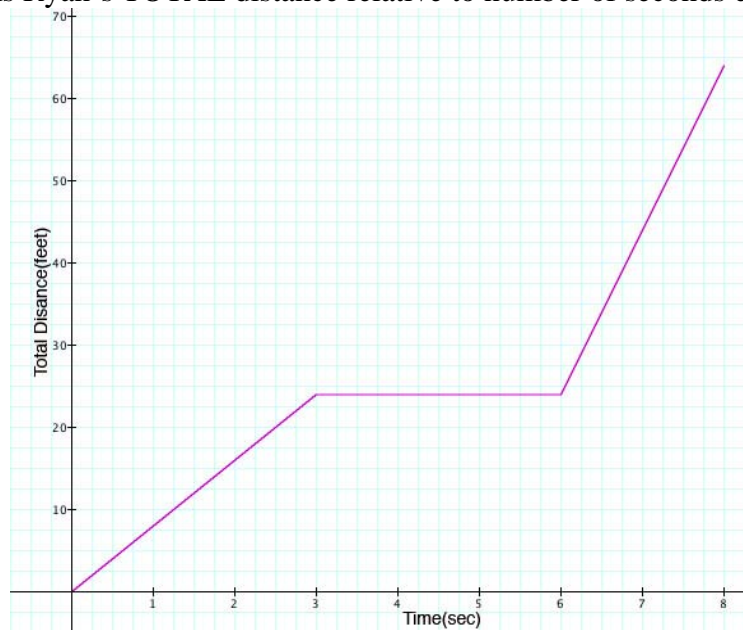


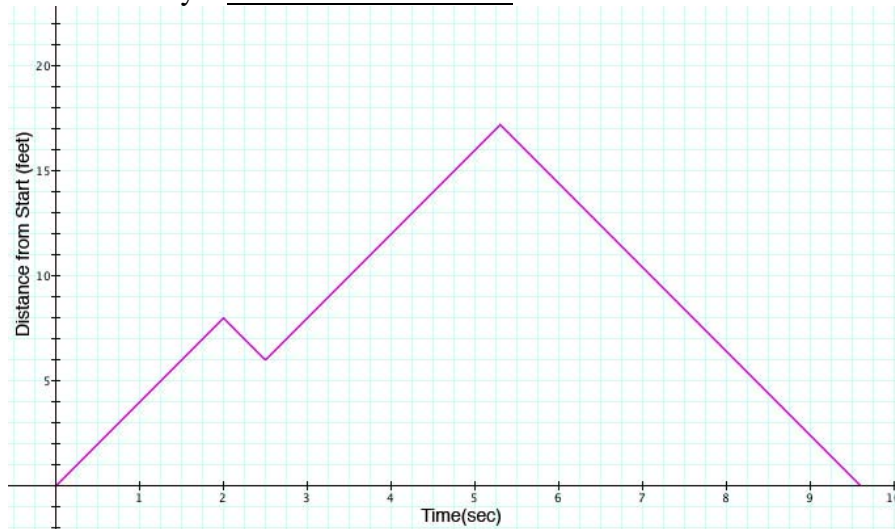
Homework 1-9-06

1) This graph tracks Ryan’s TOTAL distance relative to number of seconds elapsed.



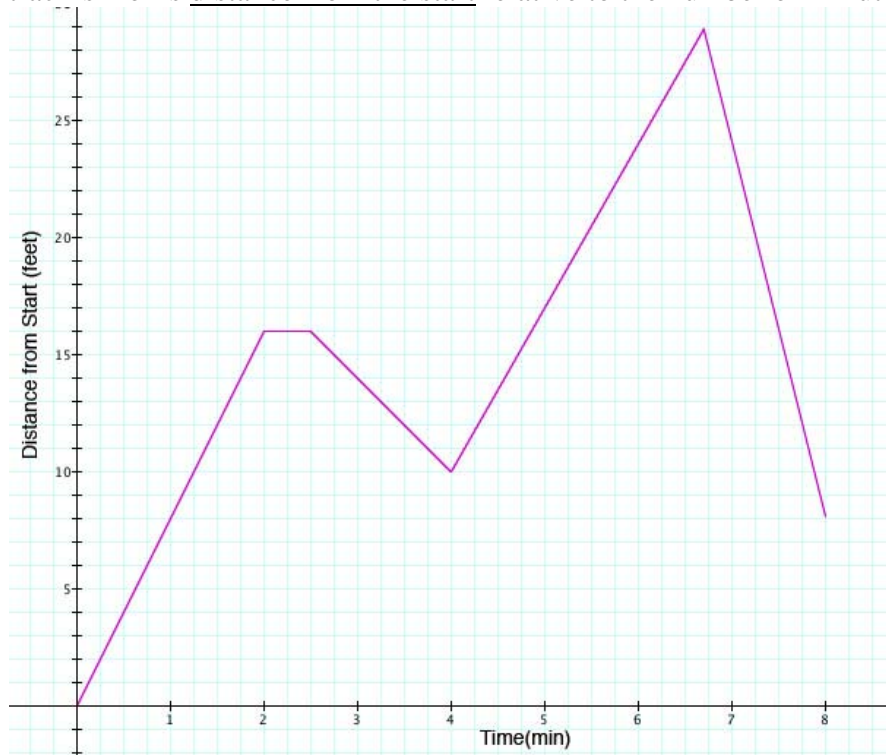
- a) How far had Ryan walked after 2 seconds?
- b) How long did it take Ryan to walk 50 feet?
- c) How far did Ryan walk all together?
- d) What does the “flat (horizontal)” part of the graph represent?

2) This graph track’s Kelsey’s distance from the start relative to the number of seconds elapsed.



- a) How far from the start was Kelsey after 4 seconds?
- b) What do the “downward” parts of the graph represent?
- c) During what number(s) of seconds was Kelsey 5 feet from the start?
- d) What does the end of the graph represent? (Where it touches the x-axis)

3) This graph track's Don's distance from the start relative to the number of minutes elapsed.



- a) How far from the start was Don after 5 minutes?
- b) What does the horizontal part of the graph represent?
- c) Does Don make it back to the start of his journey? How do you know?

4) Don walked on an exercise track that was 20 feet long.

- a. Decide whether the following graph tracks TOTAL distance relative to time or DISTANCE FROM START relative to time. How do you know?
- b. How would you have answered part (a) had you been told that the track is 100 feet long? Why?

