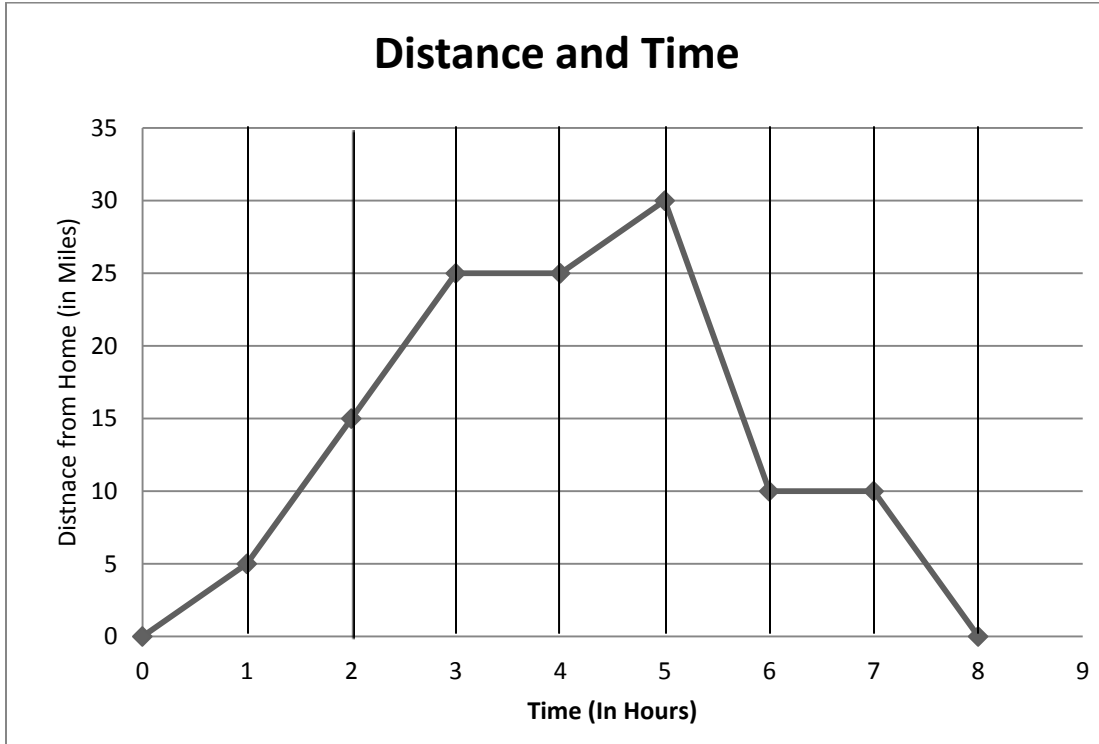


Distance and Time



You are driving to deliver a packages to two friends , one of whom lives 25 miles away and the other of whom lives 10 miles away. The above graph shows your distance and time during the journey.

1) How far are you from home at the following times?

Times (Hours)	Distance (Miles)
1	
2	
3	
4	
5	
6	
7	
8	

2) Highlight the section of the graph between zero and one hour.

- a. How far did you travel? _____
- b. How long did it take? _____

3) Use a different color to highlight the section of the graph between one hour and 3 hours.

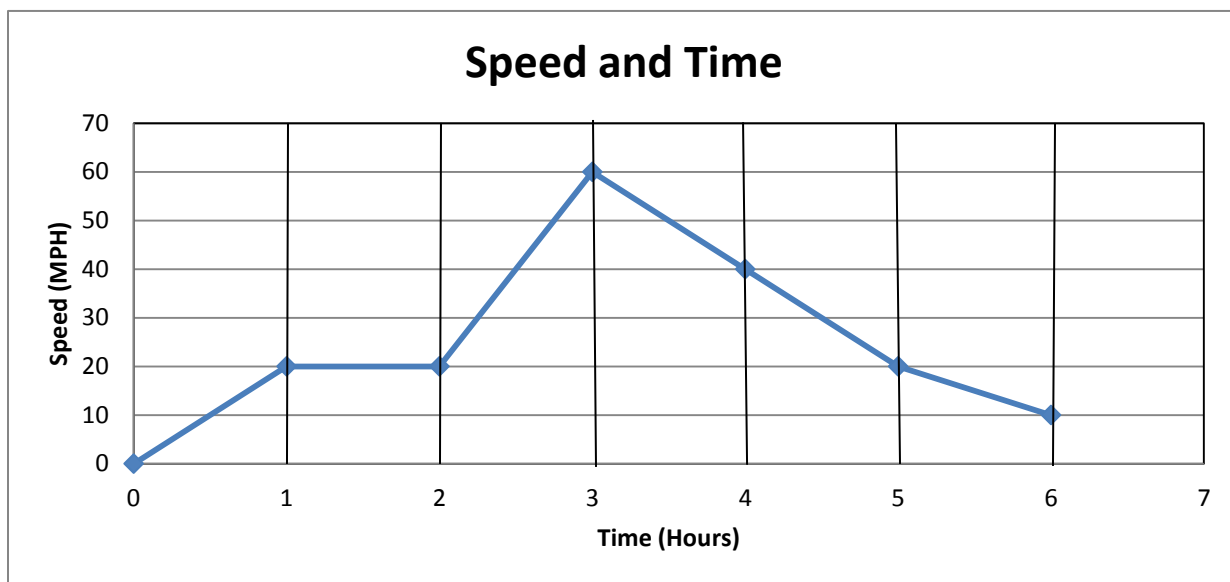
- a. How far did you travel? _____ (25-5)



- b. How long did it take? _____ (3-1)
- 4) Use the same color highlighter you used for question 2. Highlight the section of the graph between 3 and 4 hours.
- a. Does your distance change? _____
 - b. What does that mean? _____
- 5) Use the same color highlighter you used for question 3. Highlight the section of the graph between 4 and 5 hours.
- a. How far did you travel? _____
 - b. How long did it take? _____
- 6) Use the same color highlighter you used for question 2. Highlight the section of the graph between 5 and 6 hours.
- a. How far did you travel? _____
 - b. How long did it take? _____
- 7) Use the same color highlighter you used for question 3. Highlight the section of the graph between 6 and 7 hours.
- a. Does your distance change? _____
 - b. What does that mean? _____
- 8) Use the same color highlighter you used for question 2. Highlight the section of the graph between 7 and 8 hours.
- a. How far did you travel? _____
 - b. How long did it take? _____



Speed and Time



You spend 6 hours practicing for your upcoming road test to get your drivers' license. The graph above shows the speeds you traveled at various points throughout your drive.

9) How fast are you going at the following times?

Times (Hours)	Speed (MPH)
1	
2	
3	
4	
5	
6	

10) Highlight the section of the graph between zero and one hour.

- Did you accelerate, decelerate, or drive at a constant speed? _____
- How do you know? _____

11) Use a different color to highlight the section of the graph between one hour and 2 hours.

- Did you accelerate, decelerate, or drive at a constant speed? _____
- How do you know? _____

12) Use the same highlighter you used for question 10. Highlight the section of the graph between 2 and 3 hours.

- Did you accelerate, decelerate, or drive at a constant speed? _____
- How do you know? _____

13) Use the same highlighter you used for question 11. Highlight the section of the graph between 3 and 6 hours.

- Did you accelerate, decelerate, or drive at a constant speed? _____
- How do you know? _____

