

Name _____

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Graphing Average Speed

Consider yourself taking a 5 hour _____.

Estimate your average speed for the 5 hours. Record your estimate in miles per hour where indicated. Then fill in the chart below.

Estimated average speed = _____ mph

Time (Hours)	Distance (Miles)
0	0
1	
2	
3	
4	
5	

On the graph below, plot these data points. Add a trendline. Give the graph a title. Label the horizontal and vertical axis. Answer the questions on the next page.



1) Where could you be located after 5 hours?

2) What is the slope of the trendline?

3) What does the slope of the trendline represent?

4) Give an equation for the trendline.

5. What factors will affect the average speed?

6. Given your estimate for average speed, what will be your distance after 7 hours?