

8. Use the data in the table to make a line graph:

Elapsed time (hours)	Distance Traveled (km)
0	0
1	100
2	200
3	300
4	400
5	500

9. What does the line graph you drew tell about the data?

10. Use your graph and your knowledge of speed to find the distance traveled for each of these times:

a. 3 hours _____ b. 4.5 hours _____ c. 7 hours _____ d. 10 hours _____

11. How can you tell whether speed is constant or varying by looking at a graph of distance versus time? Explain your answer.

12. A cyclist travels 32 km during the first two hours of riding and 13 km during the next hour. What is the average speed of the cyclist?

13. A bamboo plant grows 15 cm in 4 hours. At what average speed does the plant grow?

14. Use the data in the table to make a line graph of distance versus time

Elapsed time (hours)	Distance Traveled (km)
0	0
1	200
2	340
3	580
4	760
5	900

