

Car Trip Distance vs. Time #2

Time in minutes	Distance in miles
0	8.9
1	9.4
2	10.1
3	11.0
4	11.7
5	12.5
6	13.4

1. Plot the points on the graph. Include a title, labels, and units on your graph.
2. Draw the line of best fit.
3. What is the rate of change?

Explanation #3

4. Write the equation of the line of best fit.

Explanation #4

5. Predict how far the car will be after 20 minutes.

Explanation #5

6. If the trend continues, when will the car have traveled 50 miles?

Explanation #6