

Car Trip Distance vs. Time #1

Time in minutes	Distance in miles
0	1
1	1.5
2	2.4
3	3.2
4	4.1
5	5.0
6	5.9
7	6.75
8	7.35
9	8.1

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