Graphing Practice

Name: _____

Date: _____

The Monday train and the Tuesday train have recorded the following data regarding their distance travelled and how long it took to reach each distance.

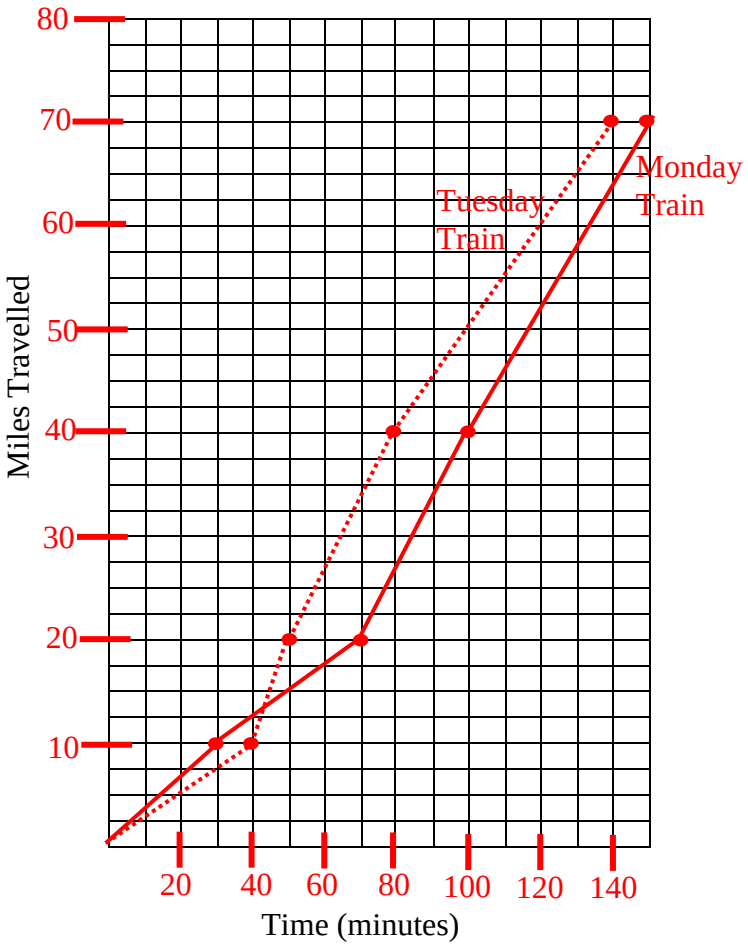
	Mile 10 time (min)	Mile 20 time (min)	Mile 40 time (min)	Mile 70 time (min)
Monday Train	30	70	100	150
Tuesday Train	40	50	80	140

1. Plot the data for each train on the graph provided. Label each train's line.

2. The Monday and Tuesday trains had the same slope between which two mile markers?
   Between 20 and 40

3. Calculate the average speed of the Monday train and the Tuesday train while they traveled between the mile markers you identified in question 2.

   0.67 mi/min



4. True or False: My answer to questions 2 and 3 gives me reason to believe that there's a relationship between slope and speed.

   True! Slope = speed