**Task: Identify patterns to help you find distance and time values for the red car
so that it goes the same speed as the blue car, which travels 10 miles in 4 minutes.**

1) What are some other patterns that help you find additional distance and time values for the red car so that it goes the same speed as the blue car, which travels 10 miles in 4 minutes?

2) Go to the Races applet: https://www.geogebra.org/m/J434Kb54. For the blue car, enter 10 for the number of miles and 4 for the number of minutes. Test your patterns by running races.

   Record the result of your races below.

   Which of your patterns worked?

   Which patterns did not work?

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