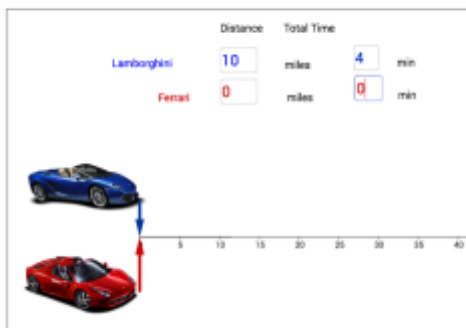


Task: Make the red car go the same speed as the blue car when the blue car travels 10 miles in 4 minutes.

- 1) You are going to make guesses for the amount of distance and time the red car should travel so that it goes the same speed as the blue car when the blue car travels 10 miles in 4 minutes. Create a way to record your guesses. Show your recording plan below.
- 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. Make some guesses for the distance and time of the red car so that it goes the same speed as the blue car. Use the applet to test each guess. Record your results.

Races



- 3) How can you tell if the two cars are going at the same speed?

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