Task: Use a diagram to find the number of miles the red car must travel in 1 minute so that it goes at the same speed as the blue car, which travels 10 miles in 4 minutes.

1. The blue car travels 10 miles in 4 minutes. Draw a diagram to show how far the red car should go in 1 minute to travel at the same speed as the blue car.

2. Check your solution to this same speed problem by using the Races applet, https://www.geogebra.org/m/J434Kb54. Describe what you see when you run the race.

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