

Task: Make the red car go slower than the blue car when the two cars travel the same number of miles.

1) Reflect on your results from Episode 2. Write a rule that would tell you how to choose the number of minutes to enter for the red car so it goes slower than then blue car when the two cars travel the same number of miles.

2) Use the “Races” applet, <https://www.geogebra.org/m/J434Kb54>, to test your rule. Record the results for a few of your tests. Is your rule working? How do you know?

Cars	Distance	Total Time	Faster	Slower
				
				
				
				
				
				

3) When you run a race, how can you tell that the red car is going the slower than the blue car?

