

Task: Use a diagram to explain why a car traveling 60 miles in 45 minutes goes the same speed as a car traveling 12 miles in 9 minutes.

1. Redraw your diagram from Episode 2 to show that a car traveling 60 miles in 45 minutes is going the same speed as a car traveling 12 miles in 9 minutes. Carefully label your diagram. Your goal is to make a diagram that you can use to explain your thinking to other students or teachers.

2. Explain why the two cars are traveling at the same speed. Use your diagram.

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