

## Exercise 44

At the start of a trip, the odometer on a car read 21,395. At the end of the trip, 13.5 hours later, the odometer read 22,125. Assume the scale on the odometer is in miles. What is the average speed the car traveled during this trip?

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### Solution

The average speed of the car during the trip is the total distance travelled divided by the time.

$$\frac{22,125 - 21,395}{13.5} \frac{\text{mi}}{\text{h}} \approx 54.1 \frac{\text{mi}}{\text{h}}$$