Quiz 10

1. How long in hours will it take to travel 195 miles at an average speed of 65 mph?

2. It takes 20 minutes to drive to a mall at 30 mph. How long in minutes will it take to drive to the mall at 40 mph?

3. Eli and Alex began jogging from the same spot at the same time in opposite directions on a 12-mile circular trail. Eli runs at 4 mph, and Alex at 6 mph. How long will it take them to meet?

4. Arthur walked around a circular trail twice in a total of 4.5 hours. He walked the circle at 4 mph the first time and at 5 mph the second time. How long is the trail?

5. Olivia began cycling a trail at 10 mph. An hour later, Lucas began cycling the trail from the same point in the same direction at 14 mph. How long will it take for Lucas to catch up with Olivia?

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