

5. If Harmony walks 3 miles in 1 hour, we say that her *average speed* is 3 miles/hour (“miles per hour”). If she walks 4 miles in 1 hour, what is her average speed?

6. If Carolyn walks 6 miles in 2 hours, what is her average speed?

7. If Eleanor runs 3 miles in 30 minutes ($\frac{1}{2}$ hour) and then walks 2 more miles in 30 more minutes, what is her average speed?

8. If Alain Prost drives 300 miles at 60 miles/hour, how long does it take him to finish?

9. If he drives 300 miles at 30 miles/hour, how long does it take him to finish?

10. If he drives 300 miles at 60 miles/hour, and then drives 300 miles back at 30 miles/hour, how long does it take him to finish? What is his average speed for the whole trip?

11. Is your answer to question 10 the average of 60 miles/hour and 30 miles/hour? Why or why not?

