

Name : _____

Score : _____

Teacher : _____

Date : _____

Distance, Rate, and Time Word Problems

- 1) Alyssa left downtown Portland, and three hours later, Jason left going 59 mph faster to catch up. After another two hours, Jason caught up. Find Alyssa's average speed. _____
- 2) Sara traveled to Portland by car. Going there took 5 hours, and the return trip lasted 8 hours. Sara averaged a speed of 88 mph while returning. Find the average speed of the trip there. _____
- 3) A plane set off to Paris at a speed of 206 mph. On the return flight of 8 hours, the plane cruised at 240 mph. How many hours long was the flight to Paris? _____
- 4) Benny left the city for vacation. Sandy left 4 hours later going 84 mph faster to catch up. After 3 hours Sandy caught up. What was Benny's average speed? _____
- 5) Tom left the city traveling at 69 mph, while, at the same time, Sandy left the city going the opposite direction at a speed of 64 mph. Find the time Tom traveled before the two were 71 miles apart. _____
- 6) A cargo plane flew from the US across the Atlantic at 226 mph, and flew back to the US at 246 mph. Given that the first trip took two hours longer, how long was the return trip? _____
- 7) Sara left Portland traveling 63 mph. Sandy, to catch up, left some time later driving at 72 mph. Sandy caught up after 4 hours. How long was Sara driving before Sandy caught up? _____
- 8) A train left for London, and 8 hours later, a car traveling 88 mph tried catching up to the train. After 9 hours, the car caught up. What was the train's average speed? _____
- 9) A truck and van left from Greensboro in opposite directions. The truck traveled for 9 hours at 44 mph. The vehicles were 611 miles apart. Find the van's average speed. _____
- 10) Sally left Greensboro with a speed of 83 mph. Sam also left at the same time in the opposite direction at a speed of 44 mph. Find how many hours Sam must travel before they are 396 miles apart. _____



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Distance, Rate, and Time Word Problems

- 1) Alyssa left downtown Portland, and three hours later, Jason left going 59 mph faster to catch up. After another two hours, Jason caught up. Find Alyssa's average speed. 39.33 mph
- 2) Sara traveled to Portland by car. Going there took 5 hours, and the return trip lasted 8 hours. Sara averaged a speed of 88 mph while returning. Find the average speed of the trip there. 140.80 mph
- 3) A plane set off to Paris at a speed of 206 mph. On the return flight of 8 hours, the plane cruised at 240 mph. How many hours long was the flight to Paris? 9.32 hours
- 4) Benny left the city for vacation. Sandy left 4 hours later going 84 mph faster to catch up. After 3 hours Sandy caught up. What was Benny's average speed? 63.00 mph
- 5) Tom left the city traveling at 69 mph, while, at the same time, Sandy left the city going the opposite direction at a speed of 64 mph. Find the time Tom traveled before the two were 71 miles apart. 0.53 hours
- 6) A cargo plane flew from the US across the Atlantic at 226 mph, and flew back to the US at 246 mph. Given that the first trip took two hours longer, how long was the return trip? 22.60 hours
- 7) Sara left Portland traveling 63 mph. Sandy, to catch up, left some time later driving at 72 mph. Sandy caught up after 4 hours. How long was Sara driving before Sandy caught up? 4.57 hours
- 8) A train left for London, and 8 hours later, a car traveling 88 mph tried catching up to the train. After 9 hours, the car caught up. What was the train's average speed? 46.59 mph
- 9) A truck and van left from Greensboro in opposite directions. The truck traveled for 9 hours at 44 mph. The vehicles were 611 miles apart. Find the van's average speed. 23.89 mph
- 10) Sally left Greensboro with a speed of 83 mph. Sam also left at the same time in the opposite direction at a speed of 44 mph. Find how many hours Sam must travel before they are 396 miles apart. 3.12 hours

