

Name : _____

Score : _____

Teacher : _____

Date : _____

Distance, Rate, and Time Word Problems

- 1) A plane set off to Paris at a speed of 292 mph. On the return flight of 15 hours, the plane cruised at 262 mph.
How many hours long was the flight to Paris? _____
- 2) Sally left the city for vacation. Keith left 9 hours later going 52 mph faster to catch up. After 8 hours Keith caught up. What was Sally's average speed? _____
- 3) A truck and van left from Greensboro in opposite directions. The truck traveled for 8 hours at 62 mph. The vehicles were 732 miles apart. Find the van's average speed. _____
- 4) Joan left Miami with a speed of 46 mph. Sandy also left at the same time in the opposite direction at a speed of 81 mph. Find how many hours Sandy must travel before they are 282 miles apart. _____
- 5) A cargo plane flew from the US across the Atlantic at 201 mph, and flew back to the US at 221 mph. Given that the first trip took two hours longer, how long was the return trip? _____
- 6) Tim left downtown Greensboro, and three hours later, Benny left going 85 mph faster to catch up. After another two hours, Benny caught up. Find Tim's average speed. _____
- 7) Alyssa left the city traveling at 55 mph, while, at the same time, Fred left the city going the opposite direction at a speed of 54 mph. Find the time Alyssa traveled before the two were 108 miles apart. _____
- 8) A train left for NYC, and 5 hours later, a car traveling 57 mph tried catching up to the train. After 4 hours, the car caught up. What was the train's average speed? _____
- 9) Tom left Greensboro traveling 49 mph. Jason, to catch up, left some time later driving at 58 mph. Jason caught up after 7 hours. How long was Tom driving before Jason caught up? _____
- 10) Tim traveled to Houston by car. Going there took 8 hours, and the return trip lasted 6 hours. Tim averaged a speed of 66 mph while returning. Find the average speed of the trip there. _____



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Distance, Rate, and Time Word Problems

- 1) A plane set off to Paris at a speed of 292 mph. On the return flight of 15 hours, the plane cruised at 262 mph. How many hours long was the flight to Paris? 13.46 hours
- 2) Sally left the city for vacation. Keith left 9 hours later going 52 mph faster to catch up. After 8 hours Keith caught up. What was Sally's average speed? 46.22 mph
- 3) A truck and van left from Greensboro in opposite directions. The truck traveled for 8 hours at 62 mph. The vehicles were 732 miles apart. Find the van's average speed. 29.50 mph
- 4) Joan left Miami with a speed of 46 mph. Sandy also left at the same time in the opposite direction at a speed of 81 mph. Find how many hours Sandy must travel before they are 282 miles apart. 2.22 hours
- 5) A cargo plane flew from the US across the Atlantic at 201 mph, and flew back to the US at 221 mph. Given that the first trip took two hours longer, how long was the return trip? 20.10 hours
- 6) Tim left downtown Greensboro, and three hours later, Benny left going 85 mph faster to catch up. After another two hours, Benny caught up. Find Tim's average speed. 56.67 mph
- 7) Alyssa left the city traveling at 55 mph, while, at the same time, Fred left the city going the opposite direction at a speed of 54 mph. Find the time Alyssa traveled before the two were 108 miles apart. 0.99 hours
- 8) A train left for NYC, and 5 hours later, a car traveling 57 mph tried catching up to the train. After 4 hours, the car caught up. What was the train's average speed? 25.33 mph
- 9) Tom left Greensboro traveling 49 mph. Jason, to catch up, left some time later driving at 58 mph. Jason caught up after 7 hours. How long was Tom driving before Jason caught up? 8.29 hours
- 10) Tim traveled to Houston by car. Going there took 8 hours, and the return trip lasted 6 hours. Tim averaged a speed of 66 mph while returning. Find the average speed of the trip there. 49.50 mph

