

Name : _____

Score : _____

Teacher : _____

Date : _____

Distance, Rate, and Time Word Problems

- 1) Jessica left the city traveling at 42 mph, while, at the same time, Mike left the city going the opposite direction at a speed of 73 mph. Find the time Jessica traveled before the two were 187 miles apart. _____
- 2) A plane set off to NYC at a speed of 287 mph. On the return flight of 8 hours, the plane cruised at 209 mph. How many hours long was the flight to NYC? _____
- 3) Nancy traveled to Greensboro by car. Going there took 3 hours, and the return trip lasted 4 hours. Nancy averaged a speed of 62 mph while returning. Find the average speed of the trip there. _____
- 4) A truck and van left from London in opposite directions. The truck traveled for 5 hours at 60 mph. The vehicles were 555 miles apart. Find the van's average speed. _____
- 5) Joan left downtown Paris, and three hours later, Nancy left going 40 mph faster to catch up. After another two hours, Nancy caught up. Find Joan's average speed. _____
- 6) Fred left NYC with a speed of 40 mph. Jason also left at the same time in the opposite direction at a speed of 52 mph. Find how many hours Jason must travel before they are 271 miles apart. _____
- 7) Sam left the city for vacation. Alyssa left 4 hours later going 44 mph faster to catch up. After 3 hours Alyssa caught up. What was Sam's average speed? _____
- 8) A train left for NYC, and 6 hours later, a car traveling 65 mph tried catching up to the train. After 7 hours, the car caught up. What was the train's average speed? _____
- 9) Benny left Miami traveling 86 mph. Sara, to catch up, left some time later driving at 95 mph. Sara caught up after 4 hours. How long was Benny driving before Sara caught up? _____
- 10) A cargo plane flew from the US across the Atlantic at 203 mph, and flew back to the US at 223 mph. Given that the first trip took two hours longer, how long was the return trip? _____



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Distance, Rate, and Time Word Problems

- 1) Jessica left the city traveling at 42 mph, while, at the same time, Mike left the city going the opposite direction at a speed of 73 mph. Find the time Jessica traveled before the two were 187 miles apart. 1.63 hours
- 2) A plane set off to NYC at a speed of 287 mph. On the return flight of 8 hours, the plane cruised at 209 mph. How many hours long was the flight to NYC? 5.83 hours
- 3) Nancy traveled to Greensboro by car. Going there took 3 hours, and the return trip lasted 4 hours. Nancy averaged a speed of 62 mph while returning. Find the average speed of the trip there. 82.67 mph
- 4) A truck and van left from London in opposite directions. The truck traveled for 5 hours at 60 mph. The vehicles were 555 miles apart. Find the van's average speed. 51.00 mph
- 5) Joan left downtown Paris, and three hours later, Nancy left going 40 mph faster to catch up. After another two hours, Nancy caught up. Find Joan's average speed. 26.67 mph
- 6) Fred left NYC with a speed of 40 mph. Jason also left at the same time in the opposite direction at a speed of 52 mph. Find how many hours Jason must travel before they are 271 miles apart. 2.95 hours
- 7) Sam left the city for vacation. Alyssa left 4 hours later going 44 mph faster to catch up. After 3 hours Alyssa caught up. What was Sam's average speed? 33.00 mph
- 8) A train left for NYC, and 6 hours later, a car traveling 65 mph tried catching up to the train. After 7 hours, the car caught up. What was the train's average speed? 35.00 mph
- 9) Benny left Miami traveling 86 mph. Sara, to catch up, left some time later driving at 95 mph. Sara caught up after 4 hours. How long was Benny driving before Sara caught up? 4.42 hours
- 10) A cargo plane flew from the US across the Atlantic at 203 mph, and flew back to the US at 223 mph. Given that the first trip took two hours longer, how long was the return trip? 20.30 hours

