

Name : _____

Score : _____

Teacher : _____

Date : _____

Distance, Rate, and Time Word Problems

- 1) A cargo plane flew from the US across the Atlantic at 293 mph, and flew back to the US at 313 mph. Given that the first trip took two hours longer, how long was the return trip? _____
- 2) Tom left Burbank traveling eighty mph. Keith, to catch up, left some time later driving at eighty - nine mph. Keith caught up after seven hours. How long was Tom driving before Keith caught up? _____
- 3) Tim left downtown Tampa, and three hours later, Sally left going 79 mph faster to catch up. After another two hours, Sally caught up. Find Tim's average speed. _____
- 4) A train left for Durham, and five hours later, a car traveling fifty mph tried catching up to the train. After six hours, the car caught up. What was the train's average speed? _____
- 5) A truck and van left from Tampa in opposite directions. The truck traveled for 6 hours at 73 mph. The vehicles were 698 miles apart. Find the van's average speed. _____
- 6) Nancy traveled to Paris by car. Going there took nine hours, and the return trip lasted seven hours. Nancy averaged a speed of forty - seven mph while returning. Find the average speed of the trip there. _____
- 7) Benny left the city traveling at 61 mph, while, at the same time, Fred left the city going the opposite direction at a speed of 53 mph. Find the time Benny traveled before the two were 64 miles apart. _____
- 8) Joan left Durham with a speed of seventy - four mph. Mike also left at the same time in the opposite direction at a speed of seventy mph. Find how many hours Mike must travel before they are two hundred twenty - six miles apart. _____
- 9) A plane set off to NYC at a speed of 207 mph. On the return flight of 9 hours, the plane cruised at 250 mph. How many hours long was the flight to NYC? _____
- 10) Tom left the city for vacation. Sam left eight hours later going fifty - four mph faster to catch up. After seven hours Sam caught up. What was Tom's average speed? _____



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Distance, Rate, and Time Word Problems

- 1) A cargo plane flew from the US across the Atlantic at 293 mph, and flew back to the US at 313 mph. Given that the first trip took two hours longer, how long was the return trip? 29.30 hours
- 2) Tom left Burbank traveling eighty mph. Keith, to catch up, left some time later driving at eighty - nine mph. Keith caught up after seven hours. How long was Tom driving before Keith caught up? 7.79 hours
- 3) Tim left downtown Tampa, and three hours later, Sally left going 79 mph faster to catch up. After another two hours, Sally caught up. Find Tim's average speed. 52.67 mph
- 4) A train left for Durham, and five hours later, a car traveling fifty mph tried catching up to the train. After six hours, the car caught up. What was the train's average speed? 27.27 mph
- 5) A truck and van left from Tampa in opposite directions. The truck traveled for 6 hours at 73 mph. The vehicles were 698 miles apart. Find the van's average speed. 43.33 mph
- 6) Nancy traveled to Paris by car. Going there took nine hours, and the return trip lasted seven hours. Nancy averaged a speed of forty - seven mph while returning. Find the average speed of the trip there. 36.56 mph
- 7) Benny left the city traveling at 61 mph, while, at the same time, Fred left the city going the opposite direction at a speed of 53 mph. Find the time Benny traveled before the two were 64 miles apart. 0.56 hours
- 8) Joan left Durham with a speed of seventy - four mph. Mike also left at the same time in the opposite direction at a speed of seventy mph. Find how many hours Mike must travel before they are two hundred twenty - six miles apart. 1.57 hours
- 9) A plane set off to NYC at a speed of 207 mph. On the return flight of 9 hours, the plane cruised at 250 mph. How many hours long was the flight to NYC? 10.87 hours
- 10) Tom left the city for vacation. Sam left eight hours later going fifty - four mph faster to catch up. After seven hours Sam caught up. What was Tom's average speed? 47.25 mph

