

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

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## Distance, Rate, and Time Word Problems

- 1 ) Fred left Atlanta traveling 61 mph. Joan, to catch up, left some time later driving at 70 mph. Joan caught up after 6 hours. How long was Fred driving before Joan caught up? \_\_\_\_\_
- 2 ) Sandy left the city traveling at 67 mph, while, at the same time, Sara left the city going the opposite direction at a speed of 68 mph. Find the time Sandy traveled before the two were 180 miles apart. \_\_\_\_\_
- 3 ) A cargo plane flew from the US across the Atlantic at 271 mph, and flew back to the US at 291 mph. Given that the first trip took two hours longer, how long was the return trip? \_\_\_\_\_
- 4 ) Mike left downtown Burbank, and three hours later, Sandy left going 71 mph faster to catch up. After another two hours, Sandy caught up. Find Mike's average speed. \_\_\_\_\_
- 5 ) Jason left Burbank with a speed of 49 mph. Tom also left at the same time in the opposite direction at a speed of 41 mph. Find how many hours Tom must travel before they are 390 miles apart. \_\_\_\_\_
- 6 ) Nancy traveled to Burbank by car. Going there took 8 hours, and the return trip lasted 5 hours. Nancy averaged a speed of 80 mph while returning. Find the average speed of the trip there. \_\_\_\_\_
- 7 ) Tom left the city for vacation. Benny left 6 hours later going 40 mph faster to catch up. After 5 hours Benny caught up. What was Tom's average speed? \_\_\_\_\_
- 8 ) A plane set off to NYC at a speed of 242 mph. On the return flight of 14 hours, the plane cruised at 250 mph. How many hours long was the flight to NYC? \_\_\_\_\_
- 9 ) A train left for Portland, and 6 hours later, a car traveling 45 mph tried catching up to the train. After 9 hours, the car caught up. What was the train's average speed? \_\_\_\_\_
- 10 ) A truck and van left from Atlanta in opposite directions. The truck traveled for 7 hours at 61 mph. The vehicles were 668 miles apart. Find the van's average speed. \_\_\_\_\_



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## Distance, Rate, and Time Word Problems

- 1 ) Fred left Atlanta traveling 61 mph. Joan, to catch up, left some time later driving at 70 mph. Joan caught up after 6 hours. How long was Fred driving before Joan caught up? 6.89 hours
- 2 ) Sandy left the city traveling at 67 mph, while, at the same time, Sara left the city going the opposite direction at a speed of 68 mph. Find the time Sandy traveled before the two were 180 miles apart. 1.33 hours
- 3 ) A cargo plane flew from the US across the Atlantic at 271 mph, and flew back to the US at 291 mph. Given that the first trip took two hours longer, how long was the return trip? 27.10 hours
- 4 ) Mike left downtown Burbank, and three hours later, Sandy left going 71 mph faster to catch up. After another two hours, Sandy caught up. Find Mike's average speed. 47.33 mph
- 5 ) Jason left Burbank with a speed of 49 mph. Tom also left at the same time in the opposite direction at a speed of 41 mph. Find how many hours Tom must travel before they are 390 miles apart. 4.33 hours
- 6 ) Nancy traveled to Burbank by car. Going there took 8 hours, and the return trip lasted 5 hours. Nancy averaged a speed of 80 mph while returning. Find the average speed of the trip there. 50.00 mph
- 7 ) Tom left the city for vacation. Benny left 6 hours later going 40 mph faster to catch up. After 5 hours Benny caught up. What was Tom's average speed? 33.33 mph
- 8 ) A plane set off to NYC at a speed of 242 mph. On the return flight of 14 hours, the plane cruised at 250 mph. How many hours long was the flight to NYC? 14.46 hours
- 9 ) A train left for Portland, and 6 hours later, a car traveling 45 mph tried catching up to the train. After 9 hours, the car caught up. What was the train's average speed? 27.00 mph
- 10 ) A truck and van left from Atlanta in opposite directions. The truck traveled for 7 hours at 61 mph. The vehicles were 668 miles apart. Find the van's average speed. 34.43 mph

