

Name : _____

Score : _____

Teacher : _____

Date : _____

Distance, Rate, and Time Word Problems

- 1) Benny left Tampa traveling 67 mph. Mary, to catch up, left some time later driving at 76 mph. Mary caught up after 4 hours. How long was Benny driving before Mary caught up? _____
- 2) A cargo plane flew from the US across the Atlantic at 205 mph, and flew back to the US at 225 mph. Given that the first trip took two hours longer, how long was the return trip? _____
- 3) A train left for NYC, and 8 hours later, a car traveling 59 mph tried catching up to the train. After 3 hours, the car caught up. What was the train's average speed? _____
- 4) Tim traveled to London by car. Going there took 7 hours, and the return trip lasted 8 hours. Tim averaged a speed of 64 mph while returning. Find the average speed of the trip there. _____
- 5) Nancy left downtown Miami, and three hours later, Sally left going 71 mph faster to catch up. After another two hours, Sally caught up. Find Nancy's average speed. _____
- 6) Mary left the city for vacation. Keith left 8 hours later going 69 mph faster to catch up. After 7 hours Keith caught up. What was Mary's average speed? _____
- 7) A plane set off to Atlanta at a speed of 264 mph. On the return flight of 10 hours, the plane cruised at 285 mph. How many hours long was the flight to Atlanta? _____
- 8) Sam left the city traveling at 44 mph, while, at the same time, Alyssa left the city going the opposite direction at a speed of 87 mph. Find the time Sam traveled before the two were 128 miles apart. _____
- 9) A truck and van left from Houston in opposite directions. The truck traveled for 3 hours at 85 mph. The vehicles were 480 miles apart. Find the van's average speed. _____
- 10) Dan left London with a speed of 47 mph. Mike also left at the same time in the opposite direction at a speed of 86 mph. Find how many hours Mike must travel before they are 351 miles apart. _____



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Distance, Rate, and Time Word Problems

- 1) Benny left Tampa traveling 67 mph. Mary, to catch up, left some time later driving at 76 mph. Mary caught up after 4 hours. How long was Benny driving before Mary caught up?

4.54 hours
- 2) A cargo plane flew from the US across the Atlantic at 205 mph, and flew back to the US at 225 mph. Given that the first trip took two hours longer, how long was the return trip?

20.50 hours
- 3) A train left for NYC, and 8 hours later, a car traveling 59 mph tried catching up to the train. After 3 hours, the car caught up. What was the train's average speed?

16.09 mph
- 4) Tim traveled to London by car. Going there took 7 hours, and the return trip lasted 8 hours. Tim averaged a speed of 64 mph while returning. Find the average speed of the trip there.

73.14 mph
- 5) Nancy left downtown Miami, and three hours later, Sally left going 71 mph faster to catch up. After another two hours, Sally caught up. Find Nancy's average speed.

47.33 mph
- 6) Mary left the city for vacation. Keith left 8 hours later going 69 mph faster to catch up. After 7 hours Keith caught up. What was Mary's average speed?

60.38 mph
- 7) A plane set off to Atlanta at a speed of 264 mph. On the return flight of 10 hours, the plane cruised at 285 mph. How many hours long was the flight to Atlanta?

10.80 hours
- 8) Sam left the city traveling at 44 mph, while, at the same time, Alyssa left the city going the opposite direction at a speed of 87 mph. Find the time Sam traveled before the two were 128 miles apart.

0.98 hours
- 9) A truck and van left from Houston in opposite directions. The truck traveled for 3 hours at 85 mph. The vehicles were 480 miles apart. Find the van's average speed.

75.00 mph
- 10) Dan left London with a speed of 47 mph. Mike also left at the same time in the opposite direction at a speed of 86 mph. Find how many hours Mike must travel before they are 351 miles apart.

2.64 hours

