

LESSON 1 Name _____

Word problems for traveling

1. Two trains leave Chicago traveling the same direction on parallel tracks. The first train is traveling at 72 mph and the second train is traveling 66 mph. How long will it take for them to be 45 miles apart?

2. At 9:00 am a train leaves a Baltimore station and travels at a rate of 35 mph. At 11:00 am a second train leaves the Baltimore station on the same track and travels in the direction of the first train at a speed of 45 mph. At noon how many miles apart are the two trains?

3. Julie and Margaret leave town in their cars going in the same direction. Julie travels 55 mph and Margaret travels 65 mph. How long will it take before they are 180 miles apart?

4. Deon and Jamal leave town in their cars at the same time going in opposite directions. Deon travels 55 mph and Jamal travels 48 mph. In how many hours will they be 206 miles apart?

5. A police car is chasing a suspect 7.5 miles ahead on an open highway. If the speed of the police car is 5 mph more than that of the suspect's car, how long will it take the police car to overtake the suspect's car?