

**Quiz 35** .....

1. Lynn took two buses to travel 332 miles. The first bus averaged 64 km/hr. The second bus averaged 70 km/hr. The whole trip took 5 hours. How much time did she spend in each bus?
2. An airplane flying with the wind traveled 2,700 miles in 9 hours. The return trip took 10 hours flying against the wind. What was the speed of the plane in still air? What was the speed of the wind?
3. A boat takes 4 hours to travel 120 km upstream. The return trip downstream takes only 3 hours. What is the speed of the boat in still water? What is the speed of the current?
4. Two trains leave a station at the same time and travel in opposite directions. One train travels 20 mph faster than the other train. After 3 hours, they are 810 miles apart. What is the speed of each train?
5. Two airplanes leave airports 1,600 miles apart at the same time and travel toward each other. One plane travels 40 mph faster than the other. If they meet after 2.5 hours, what is the speed of each plane?