Speed Word Problems Worksheet

Formulas:

* Speed = Distance / Time
* Average Speed = Total Distance / Total time

1. An airplane flies with a constant speed of 820 miles per hour. How long will it take to travel a distance of 1230 miles
2. Mike roller skates 28 miles in 2 hours. What is his average speed in miles per hour?
3. A car drives 136 miles in 2 hours. What is its average speed in miles per hour?
4. Sarah roller skates with a constant speed of 14 miles per hour. How far can she travel in 1/2 hour?
5. Mike rides his motorcycle 28 miles in 1/2 hour. What is his average speed in miles per hour?
6. Pete rides his horse with a constant speed of 8 km/h. How long will he take to travel a distance of 20 kilometers?
7. An airplane flies with a constant speed of 560 miles per hour. How long will it take to travel a distance of 840 miles?
8. A person travels from New York to Washington at the rate of 45 miles per hour and comes backs to the New York at the rate of 55 miles per hour. What is his average speed for the whole journey?
9. A man takes 10 hours to go to a place and come back by walking both the ways. He could have gained 2 hours by riding both the ways. The distance covered in the whole journey is 18 miles. Find the average speed for the whole journey if he goes by walking and comes back by riding.
10. Lily takes 3 hours to travel from place A to place B at the rate of 60 miles per hour. She takes 2 hours to travel from place B to C with 50% increased speed. Find the average speed from place A to C.