Speed Problems
Physical Science and Technology

Please answer these questions on your own sheet of paper!

1. Steven Le is driving down 9th Street in his 1962 Corvette. He drives 12 blocks in 17 seconds. Assuming that he does not speed up or slow down, what is his speed in blocks per second?

2. Ashley Espinoza is running along a track that is 251 meters long. It takes her 12.6 seconds to run the entire length of the track. What is her speed in meters per second?

3. Mr. Bregar fell out of a plane. He fell 1,982 meters in 3 seconds. Assuming he fell at a constant speed, how fast did he fall in meters per second?

4. Mr. Kirsch is walking to a friend's house. He walks 0.75 meters north, then realizes he walked too far. He turns around and walks 0.25 meters south. The entire walk takes him 13 seconds. What was his speed in meters per second?

5. BJ Keuneke is running around in a circle. The circle is 2500 meters long. He is running at a constant speed. It takes him 452 seconds to complete the circle and get back to where he started. What is AJ's speed in meters per second?

6. Lizana Medina is sprinting to Portland. For the first 70 miles, she sprints at 15 miles per hour. For the last 15 miles, she sprints at 20 miles per hour. What was her average speed?