Velocity Problems 2
Physical Science and Technology

Please answer these questions on your own sheet of paper! Show the Five Steps for all problems.

1. Keagan Harber is running as fast as he can. He goes a 100 meters, and it takes him 5.4 seconds. What is his velocity?

2. Tanya Randhawa is skiing down a mountain. She is traveling at 4.2 m/s. If she goes a total of 822 meters, for how long was she skiing?

3. Trevor Wurster is parachuting from an airplane. He falls at 31 m/s for a total of 97 seconds. How far did he fall?

4. Mr. Kirsch is walking to a friend's house. He walks 75 meters north, then realizes he walked too far. He turns around and walks 25 meters south. The entire walk takes him 13 seconds. What was his velocity in meters per second?

5. Kevin McDaniel is running around a track. The track is 2500 meters long. He is running at a constant speed. It takes him 452 seconds to run around the track and get back to where he started. What was his velocity?