

Guided Reading Chapter 4 Section 1

1. The variable _____ describes how quickly something moves.
 - a) time
 - b) position
 - c) speed
 - d) mass

2. Copy the equation for speed (including labels and units) on page 75.

3. What is the difference between average speed and instantaneous speed?

4. The fastest speed in the universe is the _____ .

5. Work the “Your Turn” problems on page 76. Show all your work and check your answers with the “Solve It and look Later” box along the side of the page.
 - a)

 - b)

 - c)

6. Velocity is a _____ .
 - a) vector
 - b) value
 - c) arrow
 - d) none of these

7. What is the difference between speed and velocity?

8. Copy the table in the middle of page 77.

9. Work the “Your Turn” problems on page 78. Show all your work and check your answers with the “Solve It and Look Later” box along the side of the page.

a)

b)

10. Work the “Challenge” problems in the side bar on page 79. Show all your work!

1.

2.