

Name: _____ Date: _____ Period: _____

Show work. Write your answer, including a unit, on the line provided.

1. A family begins a vacation by driving 50 miles south, starting in Hanover. This part of the trip took 2 hours. What is the average velocity for this trip?

1. _____

2. How long would it take a cheetah to run 100 m running at 25 m/s?

2. _____

3. How far can a turtle travel in 60 s walking at 1.5 cm/s?

3. _____

4. A football player can run from end-zone to end-zone, a distance of 100 yards, in 12.5 seconds. What is his average speed during this run?

4. _____

5. A greyhound can run 130 m in 9 s. What is the speed of this animal?

5. _____

6. In a complete sentence, distinguish between speed and velocity.

7. If the speedometer of a car reads a constant speed of 50 km/h, can you say that the car has a constant velocity? Why or why not?
