

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

**Show work. Include a unit.**

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? **Answer in km/hr.**

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

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

4. A football player can run from end-zone to end-zone, a distance of 300 feet, in 12.5 seconds. What is his average speed during this run? **Answer in mi/hr.**

5. A greyhound can run 130 m in 9 s. What is the speed of this animal? **Answer in ft/min.**

6. A car slows down from 50 mi/hr to 25 mi/hr in 5 sec. What is its acceleration? **Answer in mi/hr/hr!**