**PFC2 Guided Reading chapter 1 section 3**

1. The speed of a bicycle is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ traveled divided by the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ it takes.
2. What must be true of a car moving at constant speed?
a. It is obeying the speed limit.
b. It travels the same distance every second.
c. It is moving in a straight line.
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ means “for every” or “for each.”
4. Name two SI units for speed.
5. Write the equation used to find speed if you know the distance traveled and the time taken.
6. Write the equation you could use to find the distance traveled if you know the time taken and the speed.
7. Write the equation you could use to find the time taken if you know the distance traveled and the speed.
8. What is the difference between speed and velocity?
9. Write the four steps to solving physics problems outlined on page 20.
10. If a cheetah runs at a speed of 33 m/s for 15 seconds, what distance would it travel?