Chapter 9 Unit Test

Drag and Drop to complete the statement.
WORD BANK: (SOME WORDS WILL NOTE BE USED)

m/s^2	**km/hr^2**	**constant**	**instantaneous**	**velocity**
accelerates	**acceleration**	**the ground**	**bicycle**	**stationary**
velocity	**motion**	**average**		

1. A change in an object's position relative to a reference point is called _____.
2. When riding a bicycle past a building, you are not moving relative to the _____.
3. Speed that does not change is referred to as _____ speed.
4. The statement that the motion of a hurricane is 20 kilometers per hour in an easterly direction is a description of the hurricane's _____.
5. Acceleration is the rate of change in _____.
6. A golf ball _____ when either its speed or its direction changes.
7. The abbreviation of the unit of acceleration (meters per second per second) is _____.
8. Speed measured on a speedometer is _____ speed.

Multiple Choice
Identify the letter of the choice that best completes the statement or answers the question.

____ 9. When an object's distance from another object is changing,
   a. it is in motion.
   b. it is speeding.
   c. it has a high velocity.
   d. it is accelerating.

____ 10. A place or object used for comparison to determine if something is in motion is called
   a. a position.
   b. a reference point.
   c. a constant.
   d. velocity.

LIVEWORKSHEETS