

Name: _____ Date of Test: _____

Chapter 7 Motion and Forces

1. An object's _____ is constantly changing if it is in motion.
2. Earth's _____ keeps the objects around you on the surface of the planet.
3. The _____ of an object describes its speed and direction of motion.
4. An object in _____ remains in motion until a force acts upon it.
5. A change in the direction of an object in motion is a type of _____.
6. The _____ of gravity is determined by the mass of the objects and distance between them.
7. The _____ between objects can be measured.
8. To find an object's _____, divide the distance traveled by the time spent moving.
9. A rock will not move unless a force acts on it because of its _____.
10. There is little _____ between ice and the blades on ice skates.
11. _____, _____, and _____ describe an object's position.
12. The speed of an object describe its velocity by: _____

13. _____ is the tendency of an object to stay in motion or at rest
14. Astronauts can jump higher on the moon because _____

15. An object with a changing speed has a changing _____.
16. A pilot needs to know the plane's velocity in order to
