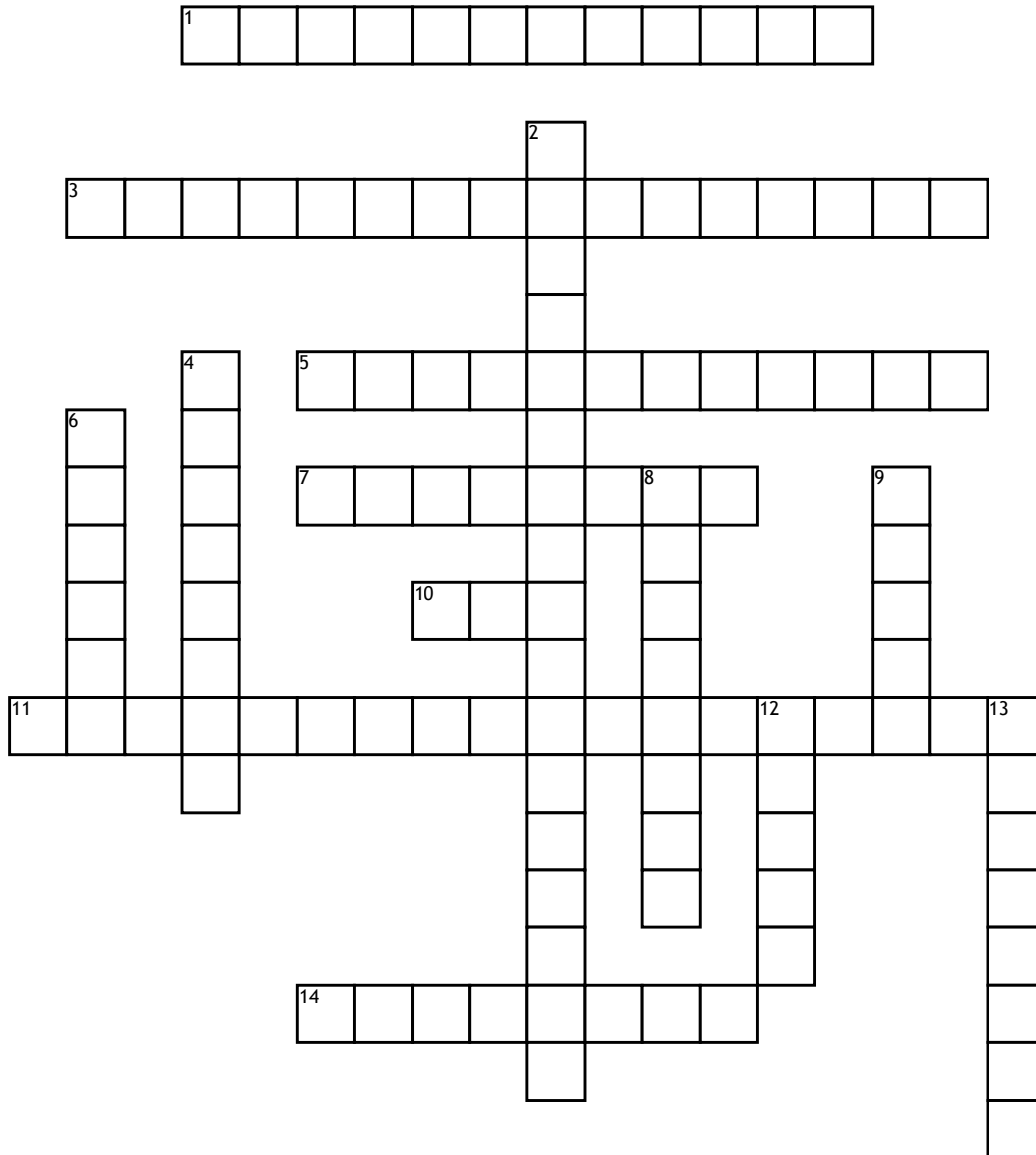


Name: _____

Date: _____

Motion



Across

1. The change in position of an object; always includes the direction.
3. A system for specifying to precise location of objects in space and time.
5. When an object undergoes __, the velocity changes.
7. To calculate speed, you need the __ traveled divided by the time interval.

10. A curved line on a distance vs. time graph indicates that the object is __ moving with a constant velocity.

11. The speed at a given time in an object's motion.

14. Acceleration is __ when an object is slowing down.

Down

2. The combined velocities of an object's motion.

4. The speed and direction of an object's motion.

6. An object is in __ if its position changes in relation to a reference point.

8. Centripetal acceleration is acceleration in a __ motion.

9. The __ of a distance vs. time graph equals speed.

12. How fast an object moves.

13. The length of the path an object took.