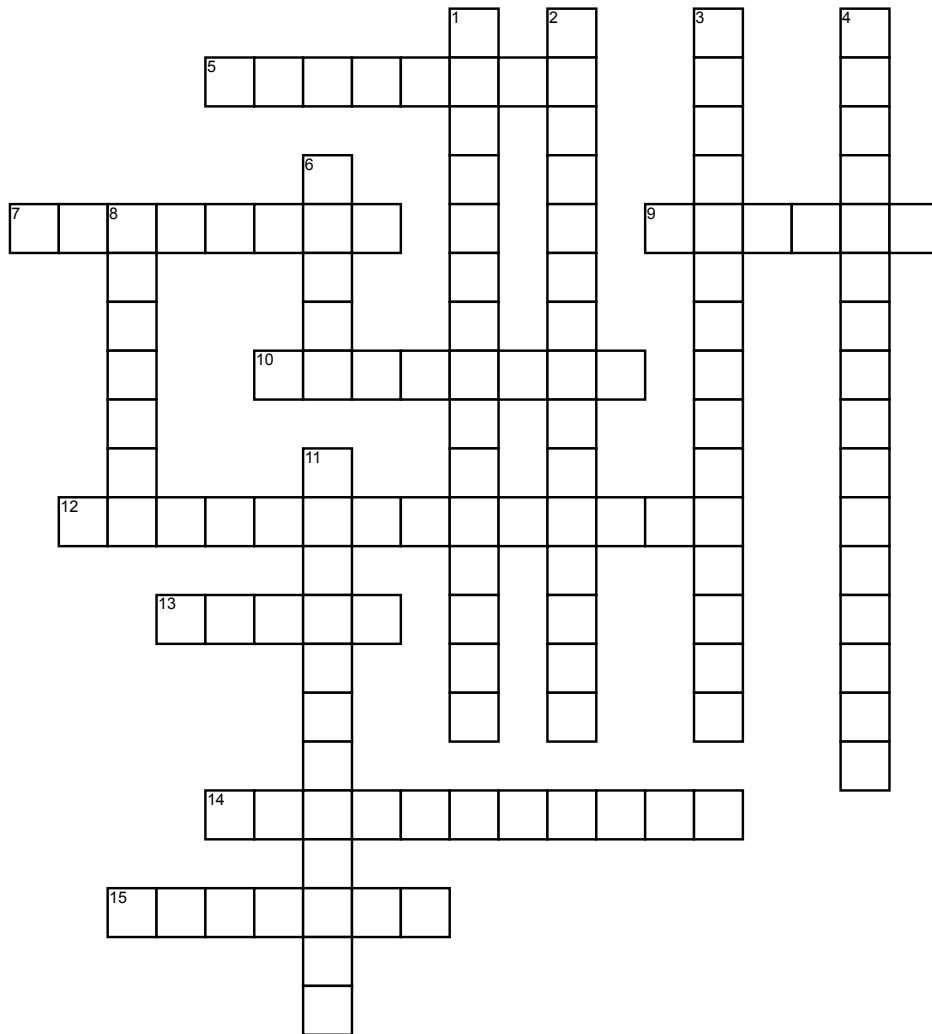


Name: _____ Date: _____ Period: _____

Forces



Across

- 5.** The total length of something.
7. A force that resists the sliding motion of two objects touching.
9. The process of changing positions.
10. Speed and direction of a moving object.
12. Force acting on two objects combined that have a netforce of 0.

13. The distance an object moves and the amount of time it takes.

14. He developed a theory of gravity and motion.

15. A force that attracts all objects with mass.

Down

1. Force acting on two objects that have a combined net force that's not 0.

2. For every action there's a reaction.

3. States that an object at rest stays at rest and an object in motion stays in motion unless acted upon by an unbalanced force.

4. Acceleration is equal to the netforce applied divided by mass.

6. A push or pull on an object.

8. When an object resists a change in motion.

11. When velocity changes in a certain amount of time.

Word Bank

Velocity

Inertia

Isaac Newton

Friction

unbalanced force

Newtons first law

acceleration

Motion

Newtons second law

balanced forces

Speed

force

gravity

Newtons third law

Distance