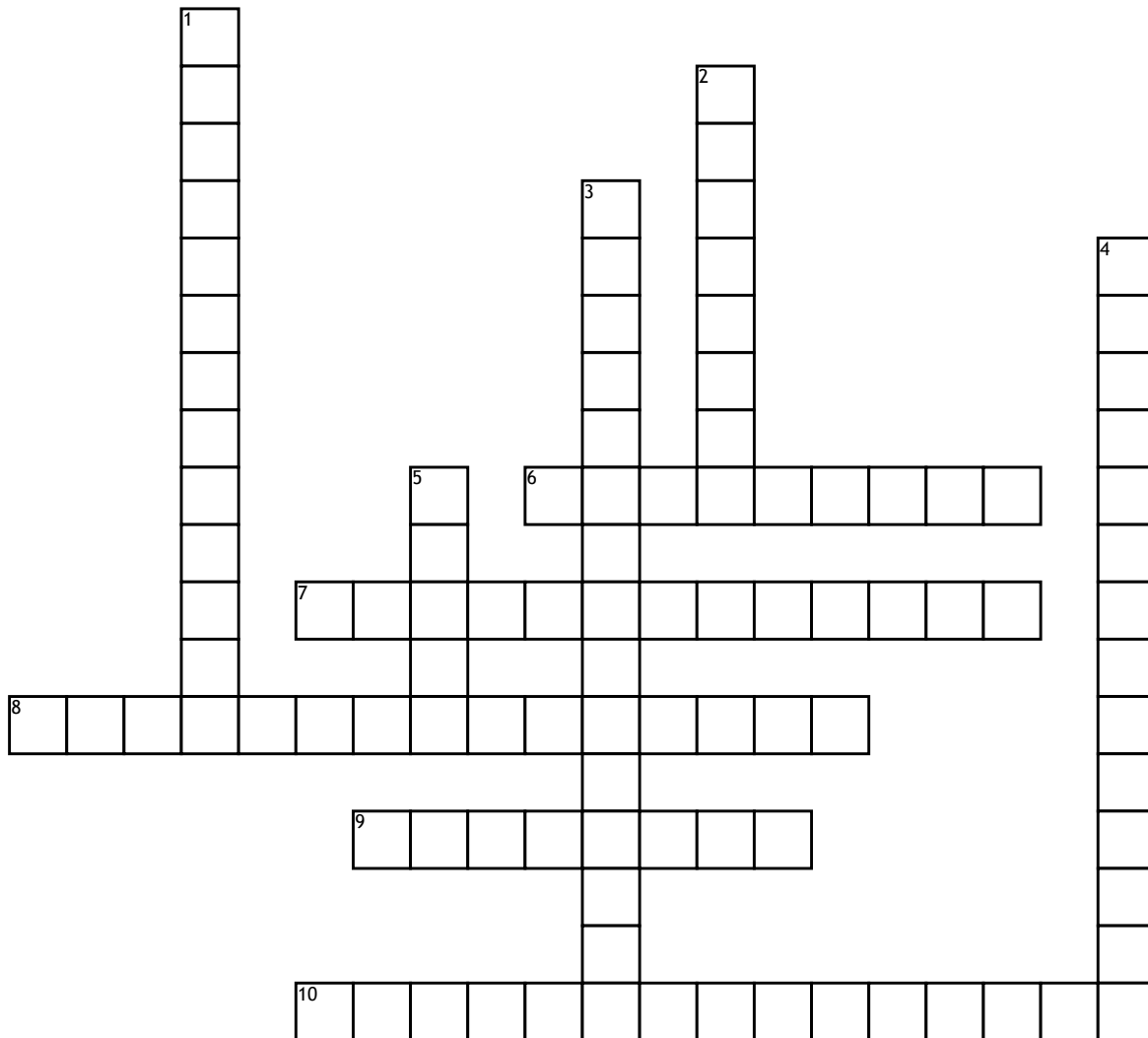


Name: _____

Date: _____

Newton's Second Law



Across

6. When two values change in opposite directions, so that if one is doubled the other is reduced to one half.
7. The resistance force of a gas or a liquid as an object passes through.
8. A diagram showing all the forces acting on an object.
9. A force that opposes motion between two surfaces that are in contact.
10. The resistance force between two surfaces already in motion.

Down

1. Friction, or drag, that acts on something moving through the air.
2. Force per surface area where the force is normal to the surface: measured in pascals.
3. The resistance force between a surface and a rolling object.
4. Friction the resistance force that must be overcome to start an object in motion.
5. Anything that flows; in particular, any liquid or gas.