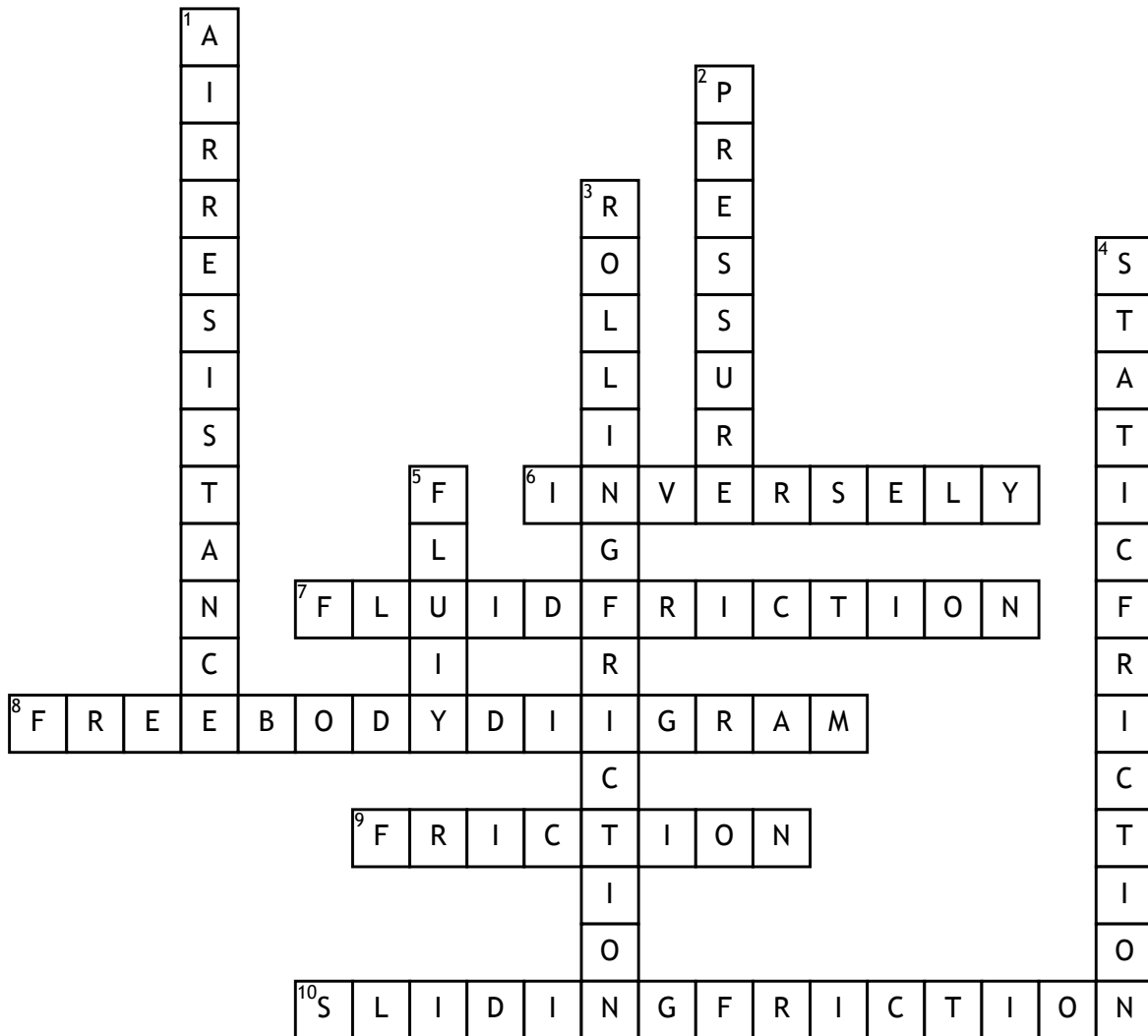


Name: \_\_\_\_\_

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.