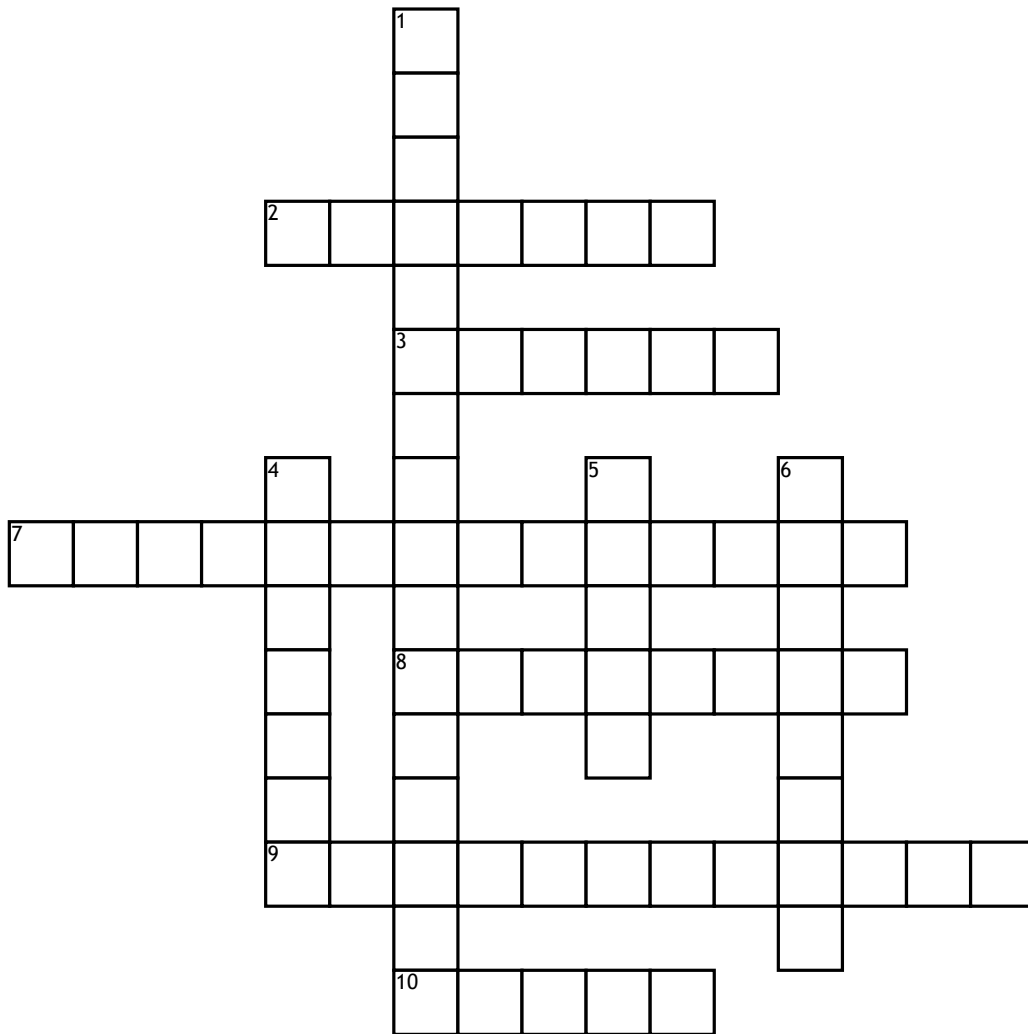


Name: _____

Force and Motion



Across

2. the force that pulls down
3. the force one object applies to a second as in Newton's third law of motion
7. forces that cancel each other out when acting together on a single object
8. Opposes the motion of one object moving past another
9. A change in velocity

10. How fast an object's position is changing with time at any moment

Down

1. forces that do not cancel each other out when acting together on a single object
4. The tendency of an object to resist a change in its state of motion
5. A push or pull that acts on an object
6. The speed and direction of a moving object

Word Bank

Force

Unbalanced forces

Gravity

Speed

Velocity

Acceleration

Friction

Balanced forces

Inertia

Action