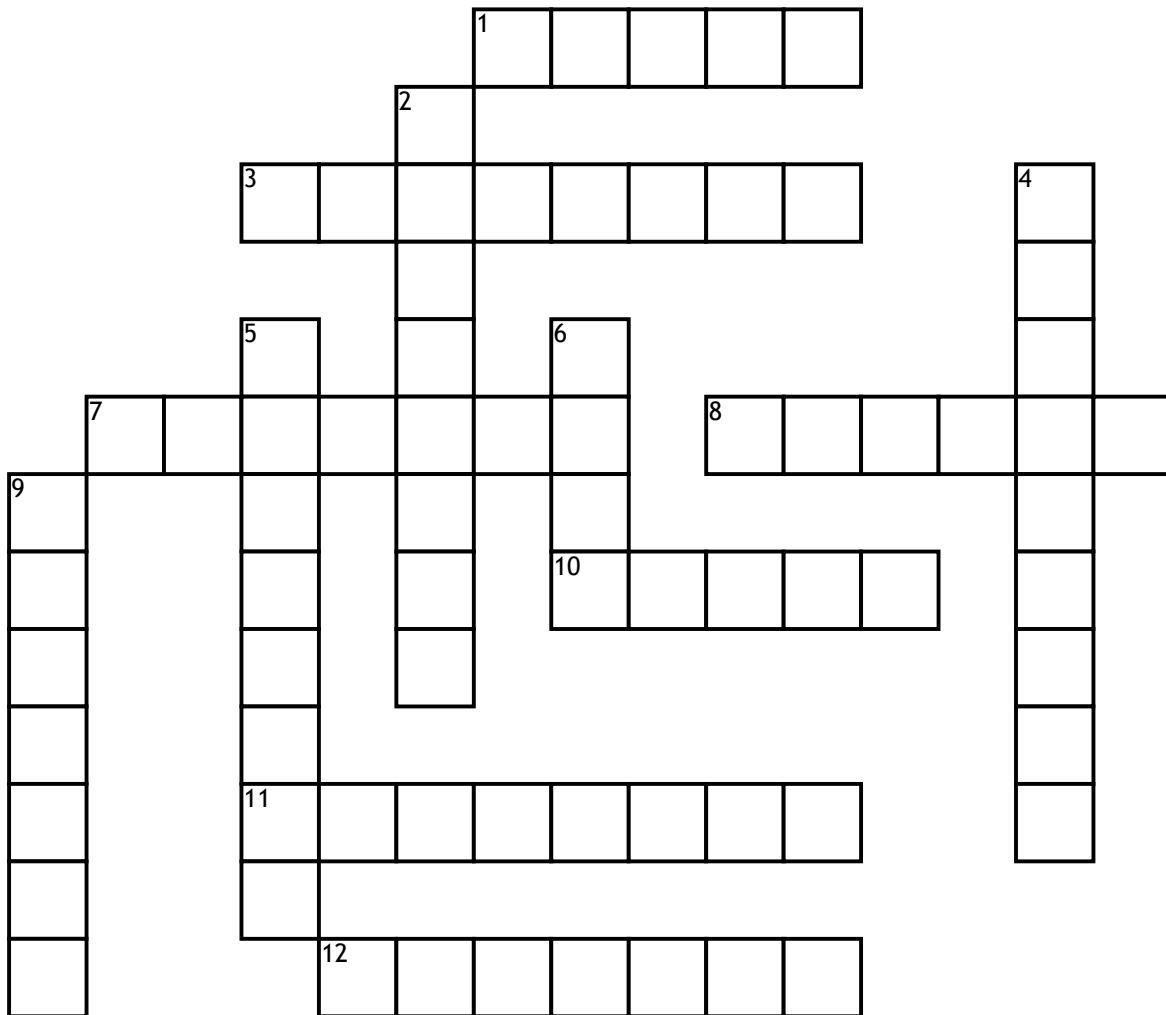


Newton's laws of motion



Across

- 1. Strength or energy as an attribute of physical action or movement
- 3. the force that pulls on object and causes acceleration if the objects are not balanced by an opposing force
- 7. Resistance to change
- 8. The result of unbalanced forces

- 10. Distance traveled per unit time
- 11. For every action there is an opposite reaction
- 12. Measure of gravity pulling one object toward another

Down

- 2. Force that opposes motion between two surfaces

- 4. Force is equal to the change in momentum $F=ma$
- 5. Speed of an object, but in a specific direction
- 6. Amount of matter or inertia of an object
- 9. Push or pull