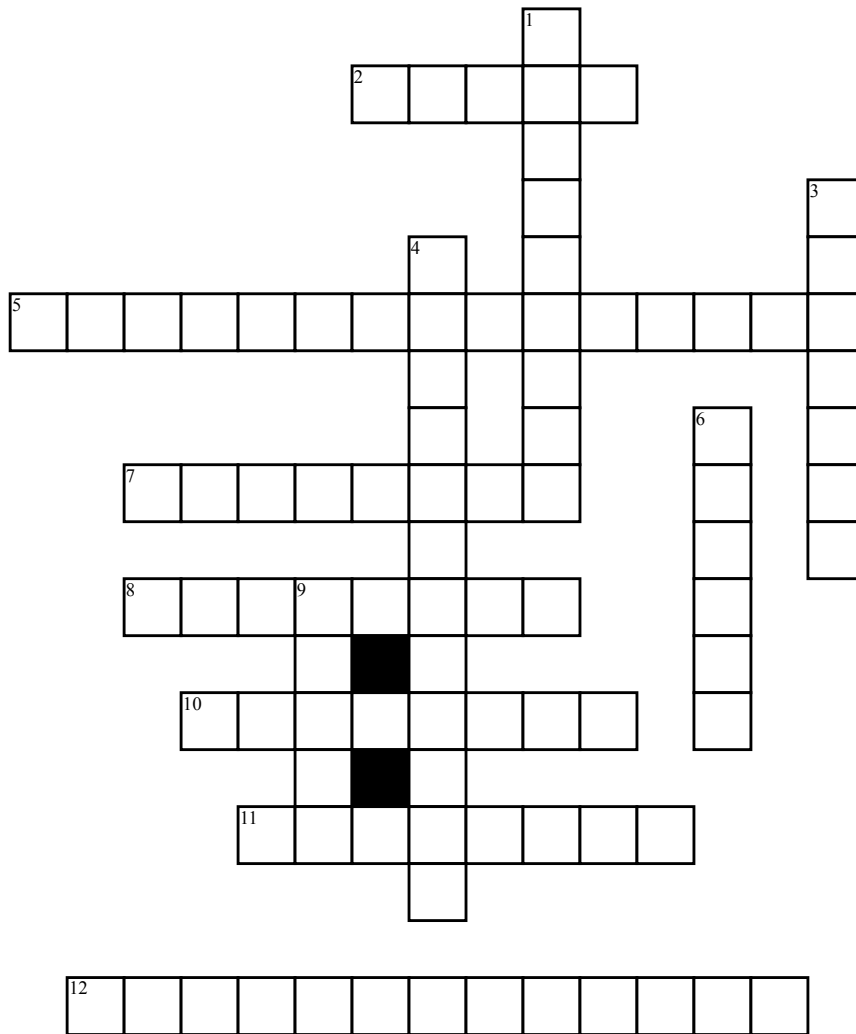


Name: \_\_\_\_\_

# motion



## Across

- 2. The distance an object travels in a period of time.
- 5. Caused to start moving.
- 7. One object puts force on another object, the second object exerts a force of equal strength in the other direction.

- 8. The amount of force on an object after all the forces are added together.
- 10. When an object is at rest, it stays at rest until a force is put onto the object.
- 11. The direction of an object's movement.
- 12. Equal forces action on an object in opposite directions.

## Down

- 1. The net force on an object.
- 3. For every action there is an equal action or reaction.
- 4. Increase in speed.
- 6. When the distance between objects is changing.
- 9. Push or pull.

## Word Bank

- |           |           |                  |              |
|-----------|-----------|------------------|--------------|
| first law | third law | balanced force   | speed        |
| inertia   | motion    | velocity         | second law   |
| net force | force     | unbalanced force | acceleration |