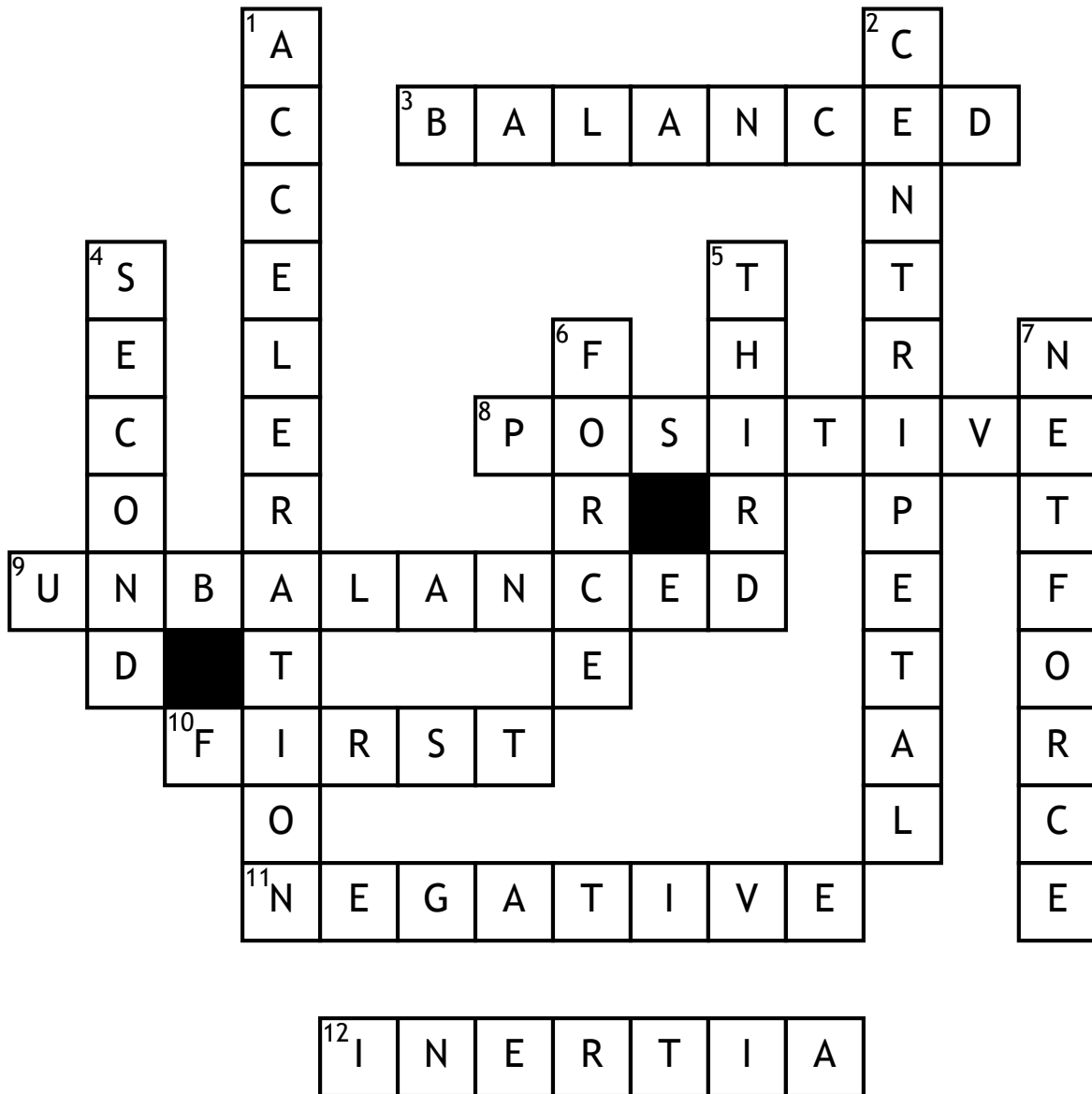


# Acceleration and Forces Review



## Across

3. When forces act on an object but no motion or change in motion occurs.

8. Increase in velocity is what type of acceleration?

9. When forces acting on an object produce a change in that object's motion.

10. Newton's law describing an object will not move or change motion unless acted on by a force.

11. Decrease in velocity is what type of acceleration?

12. Tendency of all objects to resist a change in motion.

## Down

1. Rate at which velocity changes.

2. Acceleration type in a circular motion.

4. Newton's law describing how acting forces change an object's motion.

5. Newton's law describing that for every force acting on an object an equal and opposite force will occur.

6. A push or pull

7. Combination of all forces acting on an object.