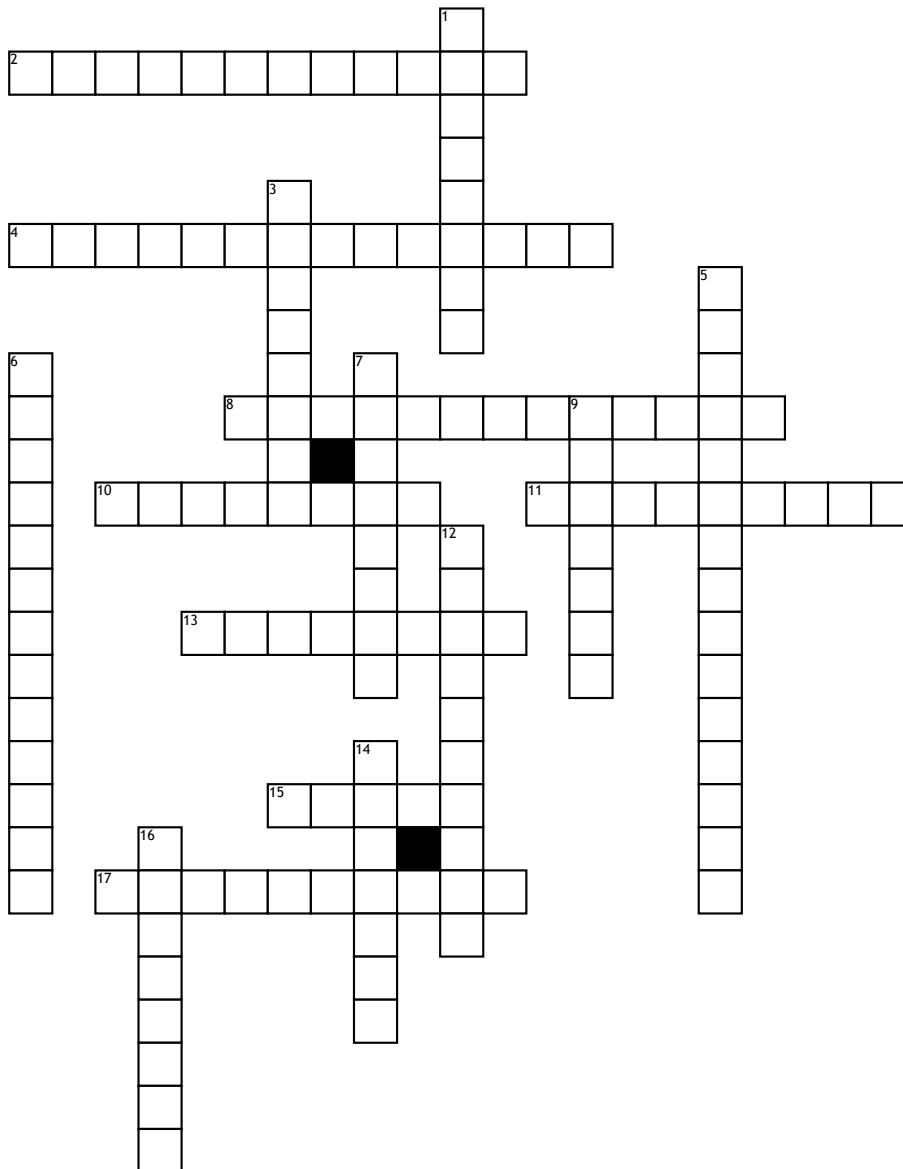


Forces, Momentum, stability and balance



Across

2. The rate of change of velocity with respect to time

4. The production and combination of forces from different parts of the body to work together at the same time

8. An imaginary vertical line from the centre of gravity to the ground or surface the object or person is on

10. Describes the front or direction toward the front of the body

11. Describes the back or direction toward the back of the body

13. The plane that divides the body or an organ vertically into right and left sides

15. strength or energy as an attribute of physical action or movement.

17. The muscle that opposes the action of another

Down

1. The quantity of motion of a moving body

3. Describes a position above or higher than another part of the body

5. The point at which the entire weight of a body may be considered as concentrated so that if supported at this point the body would remain in equilibrium in any position.

6. Refers to the area beneath an object or person that includes every point of contact that the object or person makes with the supporting surface.

7. The rate of change of position of the athlete. It's just like the term speed, but with a direction associated with it

9. A muscle whose contraction moves a part of the body directly

12. The plane that divides the body or organ horizontally into upper and lower portions

14. The plane that divides the body or an organ into an anterior (front) portion and a posterior (rear) portion

16. Describes a position below or lower than another part of the body