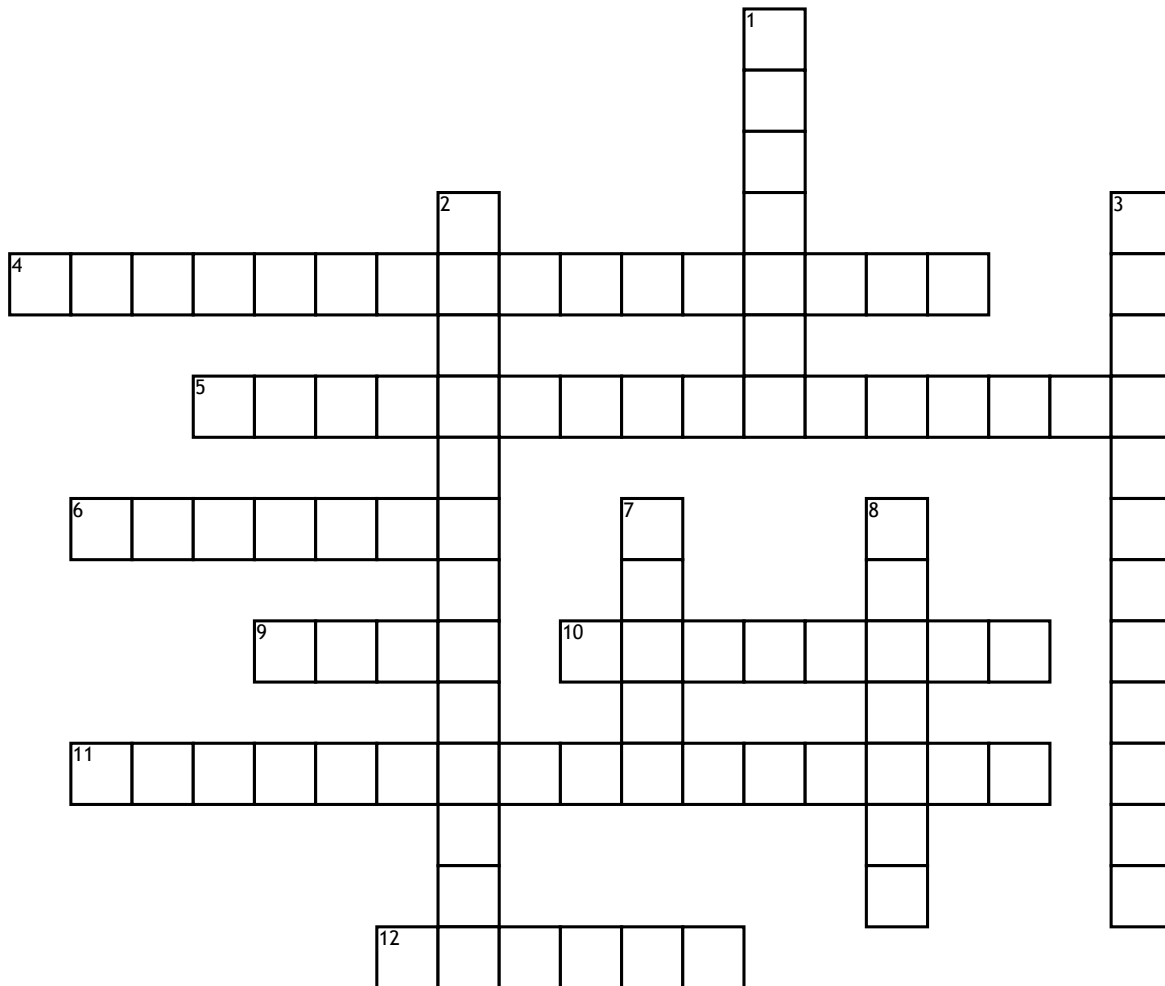


# Physics - SVA



## Across

4. the curved path that an object follows when thrown, launched, or otherwise projected near the surface of Earth

5. a force that acts on a body moving in a circular path and is directed toward the center around which the body is moving.

6. quantities that have both a magnitude and a direction

9. the amount of matter in an object

10. the motion of a falling object when the only force acting on it is gravity

11. The greatest velocity a falling object can achieve

12. A measure of the force of gravity on an object

## Down

1. The tendency of an object to resist a change in motion

2. Fluid friction acting on an object moving through the air

3. rate of change of velocity

7. A push or pull exerted on an object

8. A force of attraction between objects that is due to their masses.