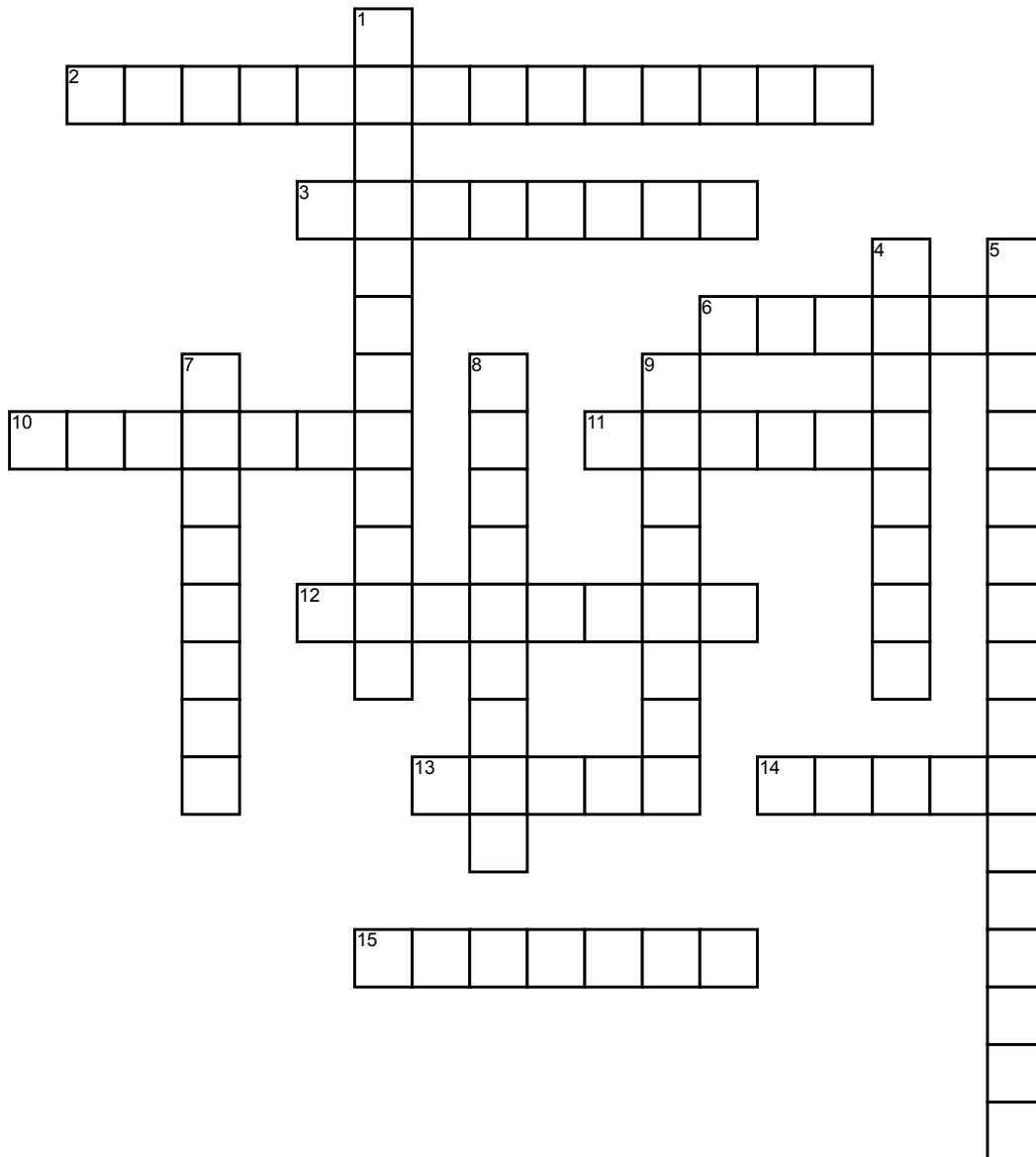


Force & Motion Vocabulary



Across

- 2.** Forces that cancel each other out when acting together on a single object
3. The speed and direction of a moving object
6. A change in an object's position over time
10. A property that describes how objects tend to resist changes in motion
11. A force that pulls all objects towards each other

- 12.** The location of an object compared with things around
13. A push or pull that acts on an object
14. How fast an object's position changes; the measure of how far an object moves in a certain period of time
15. A force that pulls all object towards each other

Down

- 1.** The change in velocity of a moving object with time

- 4.** The length between two points
5. Forces that do not cancel each other out
7. A force that opposes the motion of one object sliding over another
8. The act of coming together with solid impact
9. The combined effect of all the forces acting on an object