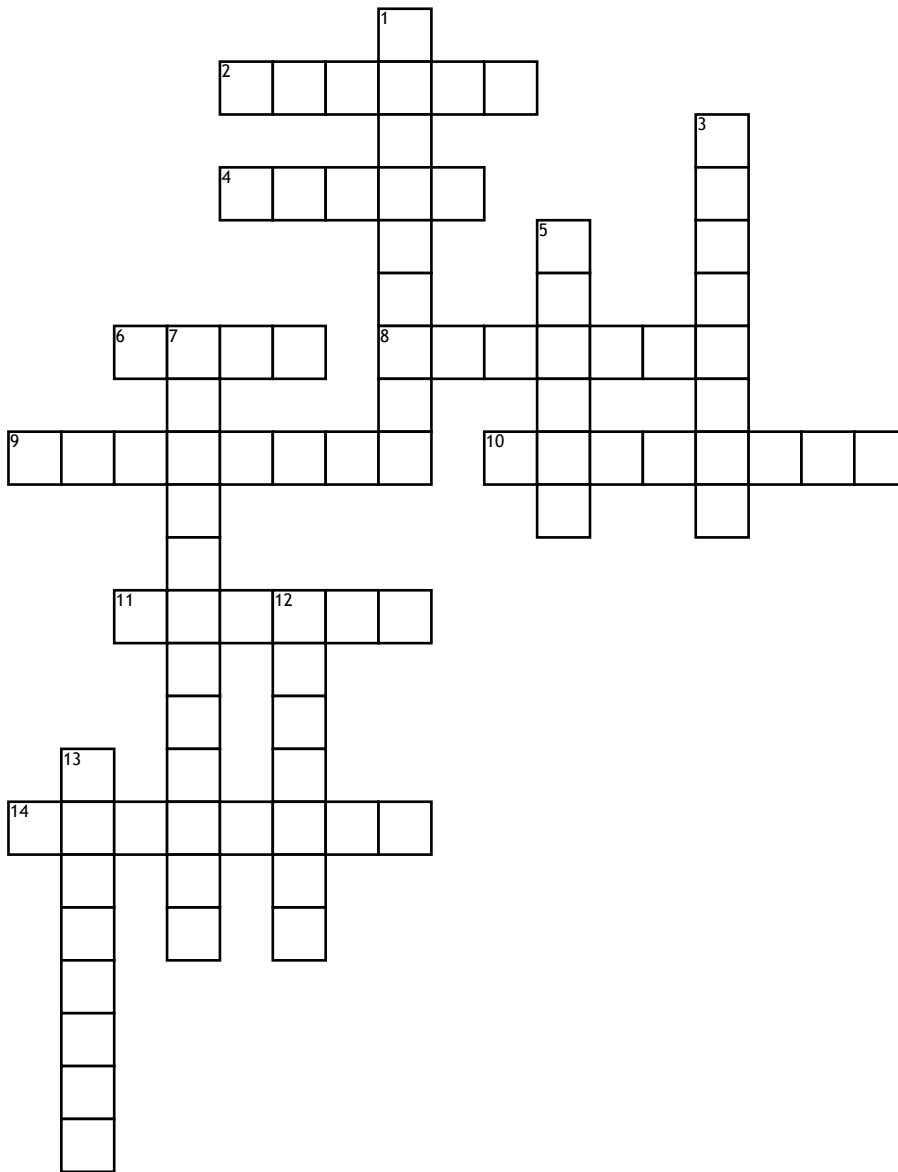


Forces



Across

- 2. When an object changes position over time
- 4. The distance an object travels divided by the time it takes.
- 6. Amount of matter in an object.
- 8. Tendency of an object to resist a change in motion.
- 9. Force that resists the motion of two forces that are touching.

10. Speed in a given direction

11. Measure of gravitational force on an object

14. The location of an object compared to a reference point.

Down

1. The line along which an object lies, faces, moves, etc. with referenc to where an object is facing or directed.

3. Rate multiplied by time

5. A push or a pull exerted on an object.

7. The rate at which velocity changes

12. A force that pulls objects together

13. The product of a body's mass and velocity