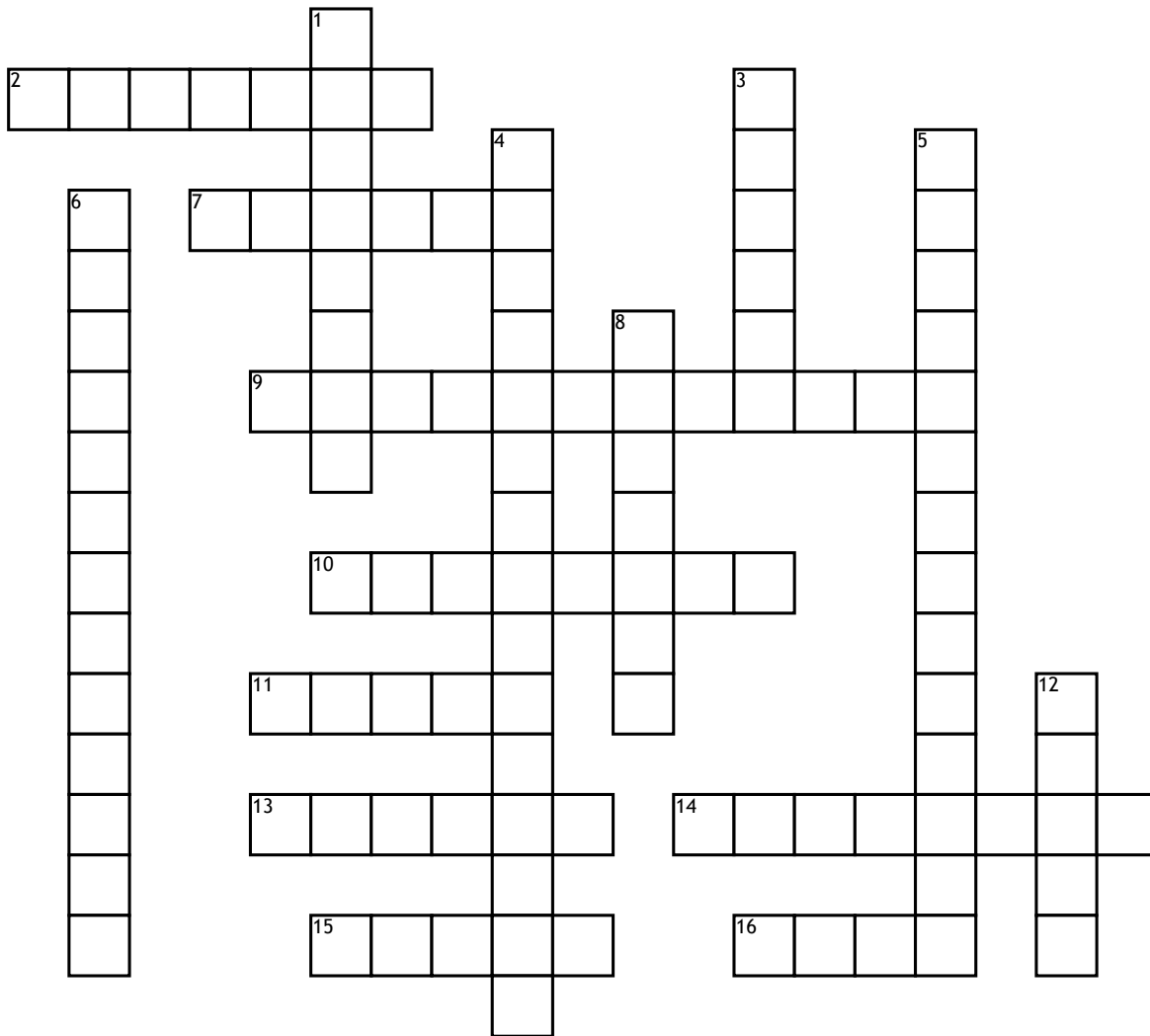


Newton Vocab



Across

2. a property of matter by which it continues in its existing state of rest or uniform motion in a straight line, unless that state is changed by an external force:
 7. the action or process of moving or being moved
 9. a vehicle's capacity to gain speed within a short time:
 10. the resistance that one surface or object encounters when moving over another
 11. the rate at which someone or something is able to move or operate

13. International System of Units (SI) derived unit of force

14. the speed of something in a given direction

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

16. a coherent, typically large body of matter with no definite shape

Down

1. an amount of space between two things or people:

3. a body's relative mass or the quantity of matter contained by it, giving rise to a downward force; the heaviness of a person or thing

4. is a force that changes the position, speed or direction of the object to which it is applied.

5. two forces acting in opposite directions on an object, and they are equal in size.

6. Friction between an object and air.

8. the force that attracts a body toward the center of the earth, or toward any other physical body having mass.

12. a device that measures and records the quantity, degree, or rate of something: