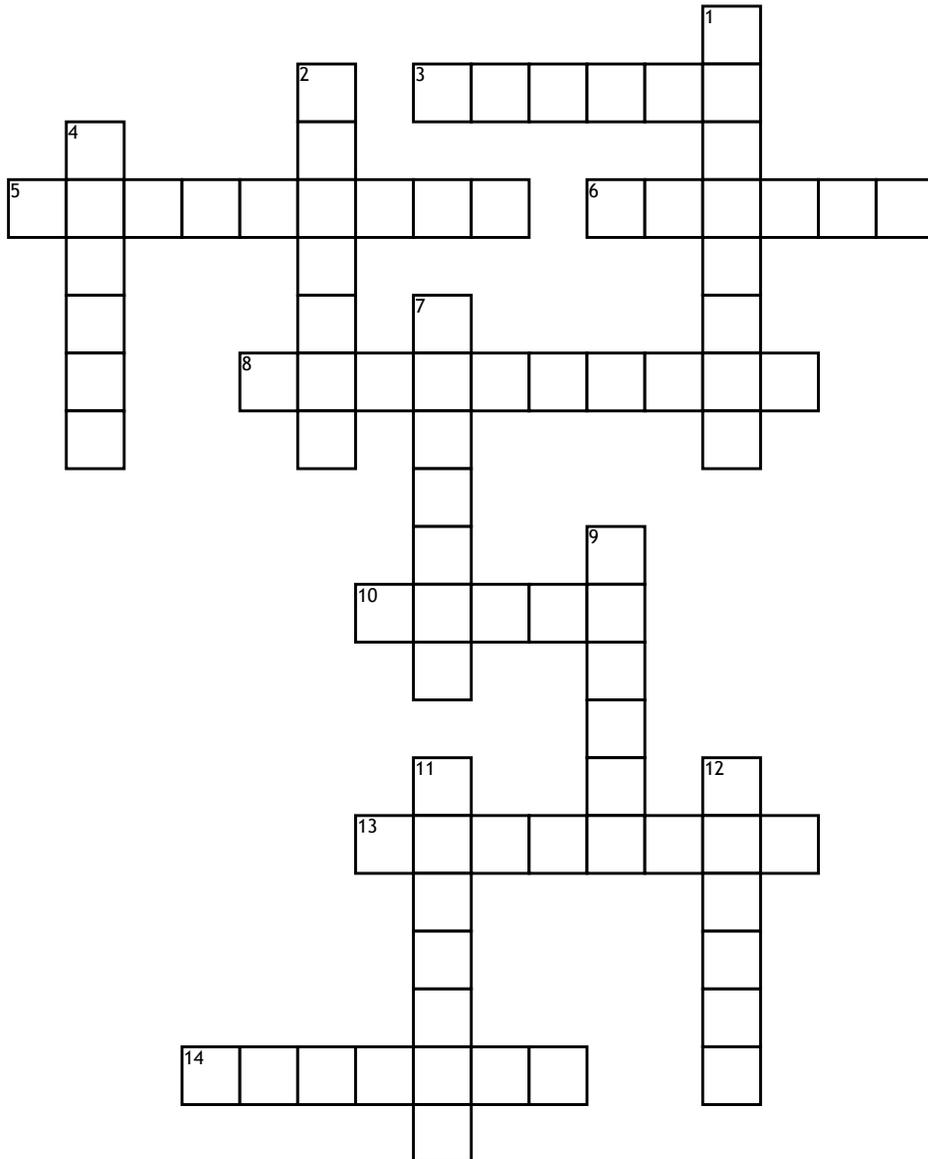


Newton's Three Laws



Across

- 3. Wheel which a rope passes through, to change the direction of a force applied to the rope
- 5. The branch of physics that deals with the motion of material objects.
- 6. When a object is at rest
- 8. The branch of mechanics concerned with the motion of objects without reference to the forces that cause the motion.

10. A ___ can cause an object with mass to change its velocity

- 13. the resistance that one surface or object encounters when moving over another.
- 14. An object at rest tends to stay at rest.

Down

1. The branch of mechanics concerned with the motion of bodies under the action of forces.

2. _____ Energy which a object possesses due to its moition

- 4. Sir Isaac _____
- 7. Compression is the opposite of this. When you pull a elastic band you feel _____ Pulling it back
- 9. Gravity X Mass = _____
- 11. Force that attracts a body toward the center of earth
- 12. A turning or twisting force