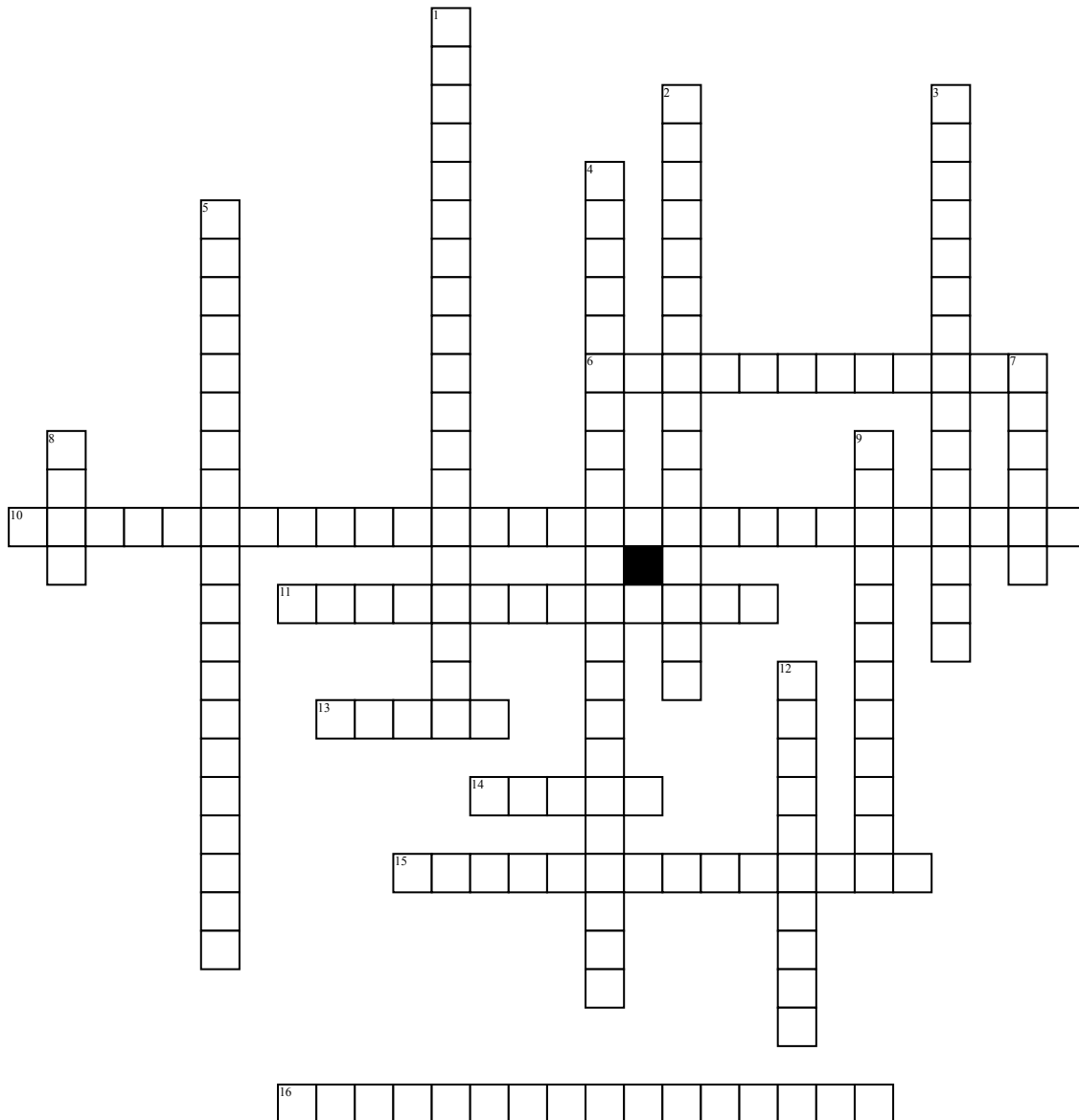


Science Vocab



Across

6. a plane inclined at an angle to the horizontal

10. Image result for gravitational potential energy Gravitational potential energy is energy an object possesses because of its position in a gravitational field

11. energy that a body possesses by virtue of being in motion.

13. a rigid bar resting on a pivot

14. the ability to do something or act in a particular way

15. any of the basic mechanical devices for applying a force, such as an inclined plane, wedge, or lever

16. A machine consisting of two or more simple machines operating together

Down

1. the ratio of the force produced by a machine to the force applied to it, used in assessing the performance of a machine.

2. the sum of potential energy and kinetic energy

3. the energy possessed by a body by virtue of its position relative to others

4. Elastic potential energy is Potential energy stored as a result of deformation of an elastic object

5. a principle stating that energy cannot be created or destroyed

7. power derived from the utilization of physical or chemical resources

8. activity involving mental or physical effort done in order to achieve a purpose or result

9. shaft joined to the wheel to provide mechanical advantage.

12. the state or quality of being efficient