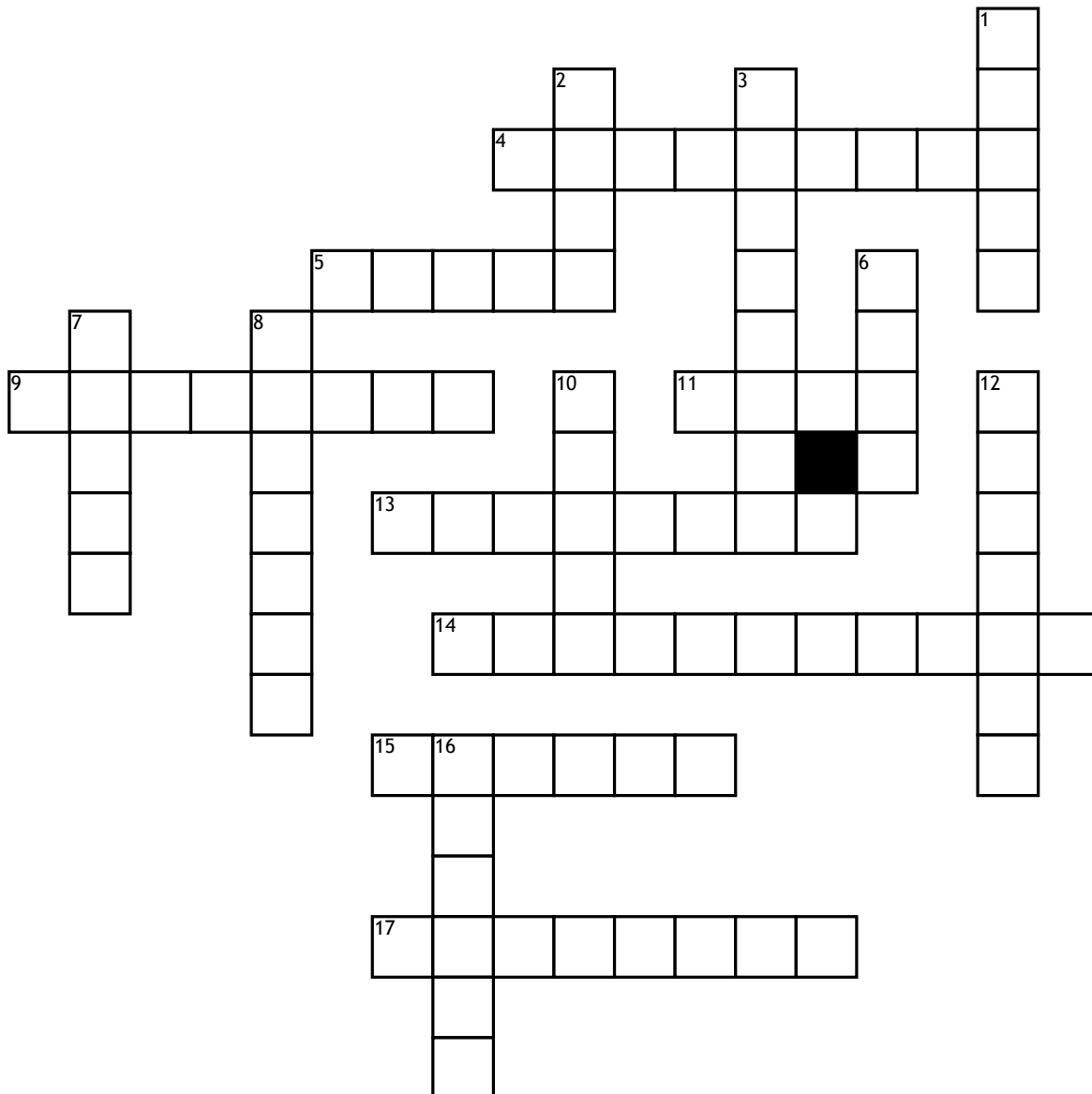


# Force and Work



## Across

4. Stored energy is also called \_\_\_\_\_ energy.
5. Which word best describes gravity and magnetism?
9. The upward push on an object in a fluid is called \_\_\_\_\_.
11. Matter is defined as anything that takes up space and has \_\_\_\_\_.
13. Equal forces acting in opposite directions are called \_\_\_\_\_ forces.
14. Which property of an object allows it to bend easily?
15. The name of a scientist who discovered the laws of motion.

17. Two objects rubbing against each other produce \_\_\_\_\_.

## Down

1. In which state does water have a definite shape?
2. In Science, we say that work is done when a force acts on an object and makes that object \_\_\_\_\_.
3. What is one way to change water from a liquid to a solid? \_\_\_\_\_ the temperature.
6. A car goes faster on smooth roads than on rough roads, because the smooth road has \_\_\_\_\_ friction.
7. When two cars collide, the passengers not wearing seat belts continue to move forward with the same \_\_\_\_\_ that the car had before the collision.
8. What force is responsible for an apple falling on its own from a tree?
10. When a piece of clay is rolled up, there is change in its \_\_\_\_\_.
12. When a tug-o-war Team A competes with Team B and Team B loses, this means that Team A pulled with a \_\_\_\_\_ force.
16. The ability to do work.