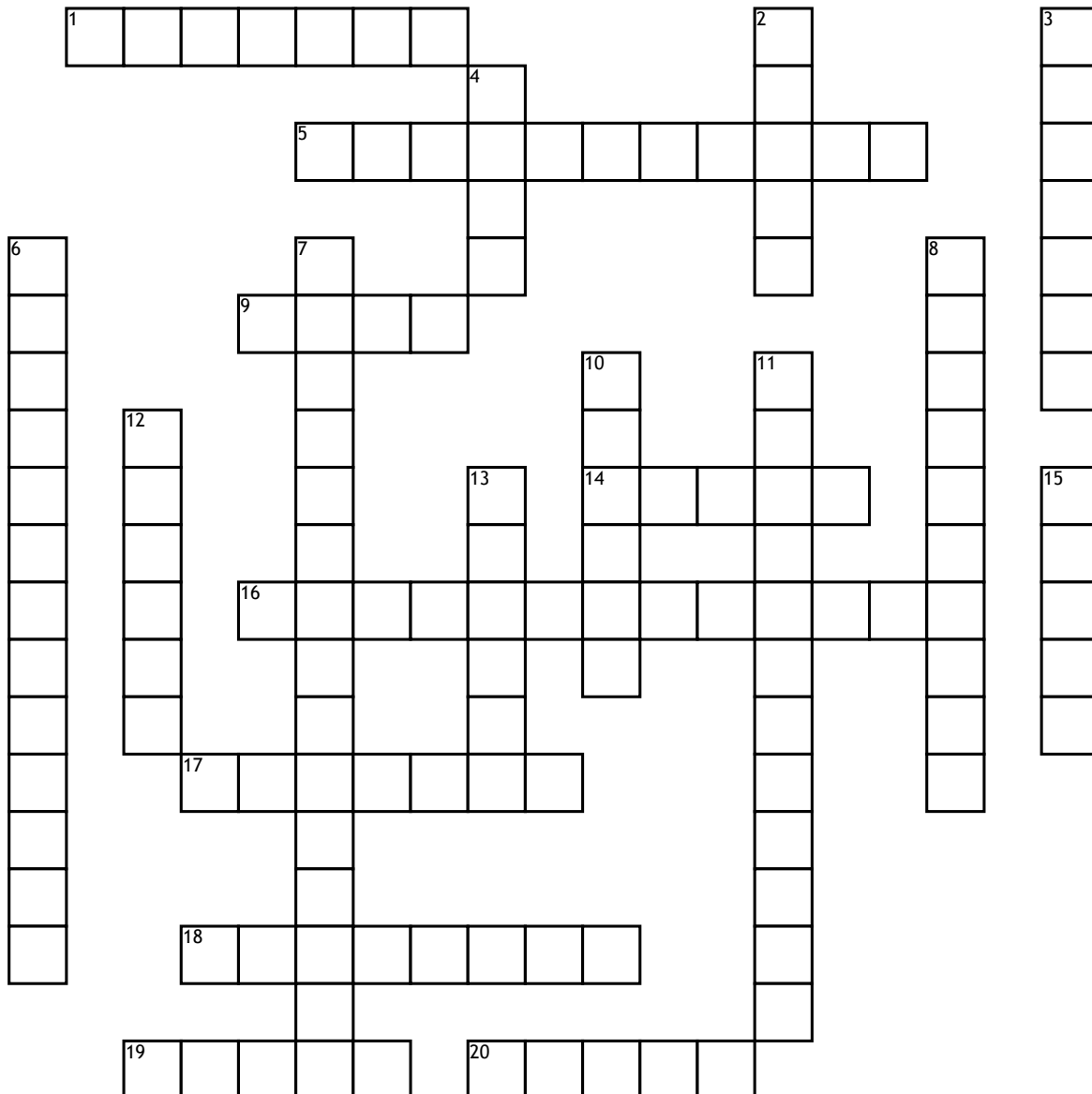


# Force and Motion



## Across

- The tendency of an object to remain in motion or stay at rest unless it is acted upon by an outside force.
- The amount of force needed to move something
- The object being lifted or moved by a machine.
- A simple machine made of a rigid bar or plank and a fixed point, called a fulcrum.
- A straight, slanted surface that is not moved when it is used
- The force that holds you to the ground.

18. A force between surfaces that slows object down or stops them from moving

19. An inclined plane twisted into a spiral

20. The distance traveled in a certain amount of time.

## Down

- Any push or pull that makes an object start moving, stop moving, speed up, slow down, or change direction
- A device using or applying mechanical power to perform a task.
- The use of a force to move a object a certain distance.

6. A machine with few moving parts, making it easier to do work

7. A combination of two or more simple machines

8. The measure of how much useful work a machine puts out compared to the amount of work put into it.

10. A machine made of up of a rope, belt, or chain wrapped around a wheel with a groove in it.

11. A simple machine made of a handle or axle attached to the center of a wheel.

12. The ability to do work

13. The measure of the pull of gravity between an object and Earth

15. A moving inclined plane