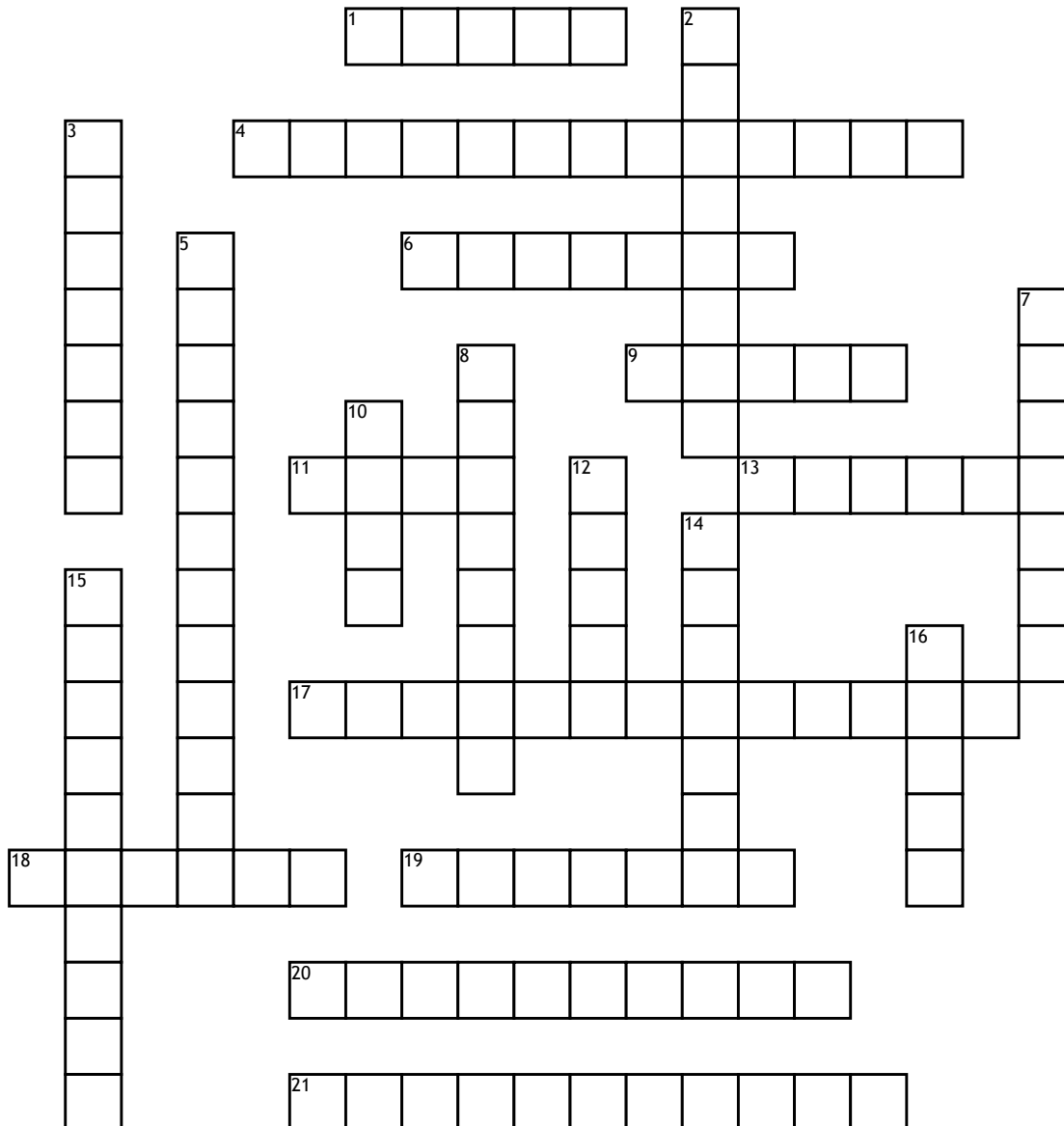


# FORCES



## Across

1. The pull force between the Earth & Moon causes this
4. A pulling force
6. This special acceleration due to gravitational attraction is called
9. An action that can be defined by a push or a pull
11. The greater the gravitational force, the greater the...
13. The force of gravity which the Earth attracts an object.
17. The force can either be attractive force or a repulsive force.

18. Has a north and south pole
19. Requires two sets of forces
20. Can change the shape of an object
21. Force that pushes something into a smaller space

## Down

2. A contact force that the surface exerts on an object
3. A twisting force that is applied on an object acting in opposite directions around a common centre
5. Increase the speed of a moving object

7. A force that is exerted only when two objects are touching
8. Gravitational force depends on this
10. A measure of the amount of matter an object is made of
12. A force having a tendency to cut an object
14. A force that is usually transmitted through rope
15. Unequal forces that act on an object in opposite direction
16. Magnetic forces act in a magnetic \_\_\_\_\_