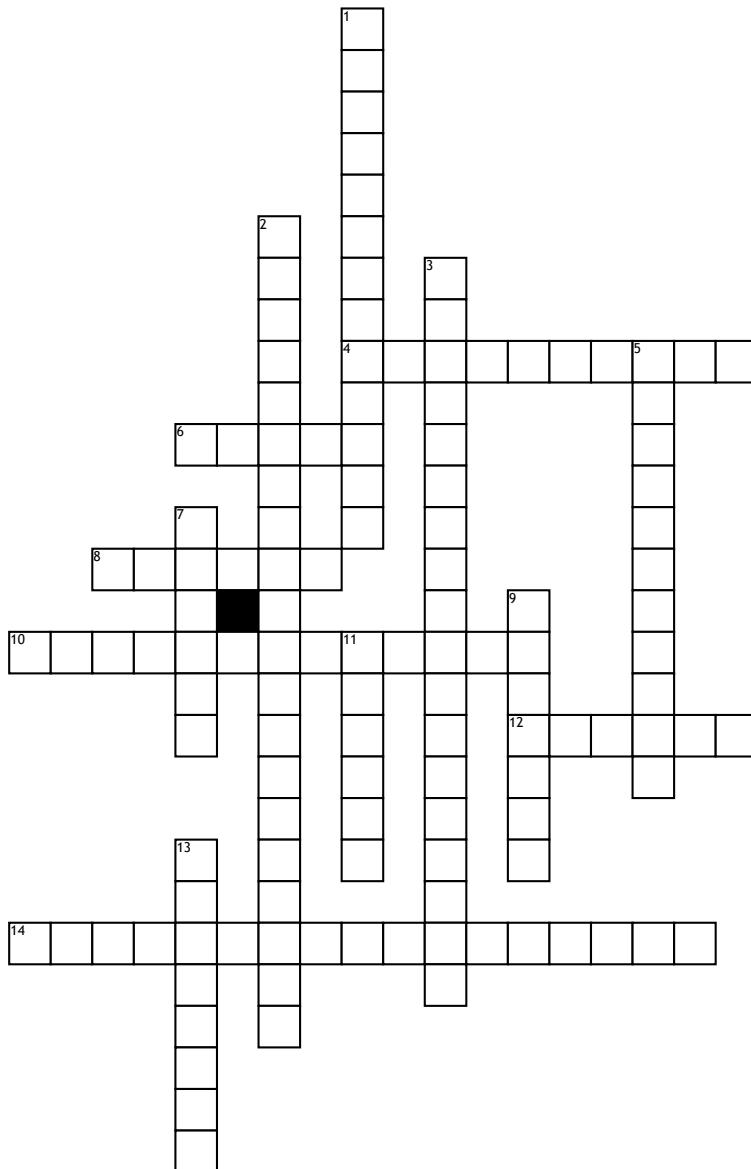


# Types of Interactions Crossword



## Across

4. Map of a force over a particular area of space

6. A push or pull in a direction

8. one dimensional measurement of a quantity, like temperature, speed, or mass

10. the strongest force of the four. Holds atoms together

12. magnitude and direction, can represent any quantity that has these two features, including force, displacement, and velocity.

14. Buildup of an electrical charge on the surface of an object

## Down

1. vector field that describes the magnetic influence of electrical currents and magnetized materials

2. hysical field produced by electrically charged objects. It affects the behavior of charged objects in the vicinity of the field.

3. flow of electric charge

5. a form of energy in the form of charged particles

7. objects that produce an area of magnetic force called a magnetic field.

9. force that pulls objects together. It exists between any two objects that have mass.

11. Positive or negative \_\_\_\_\_

13. force resisting the relative motion of solid surfaces, fluid layers, and material elements sliding against each other.