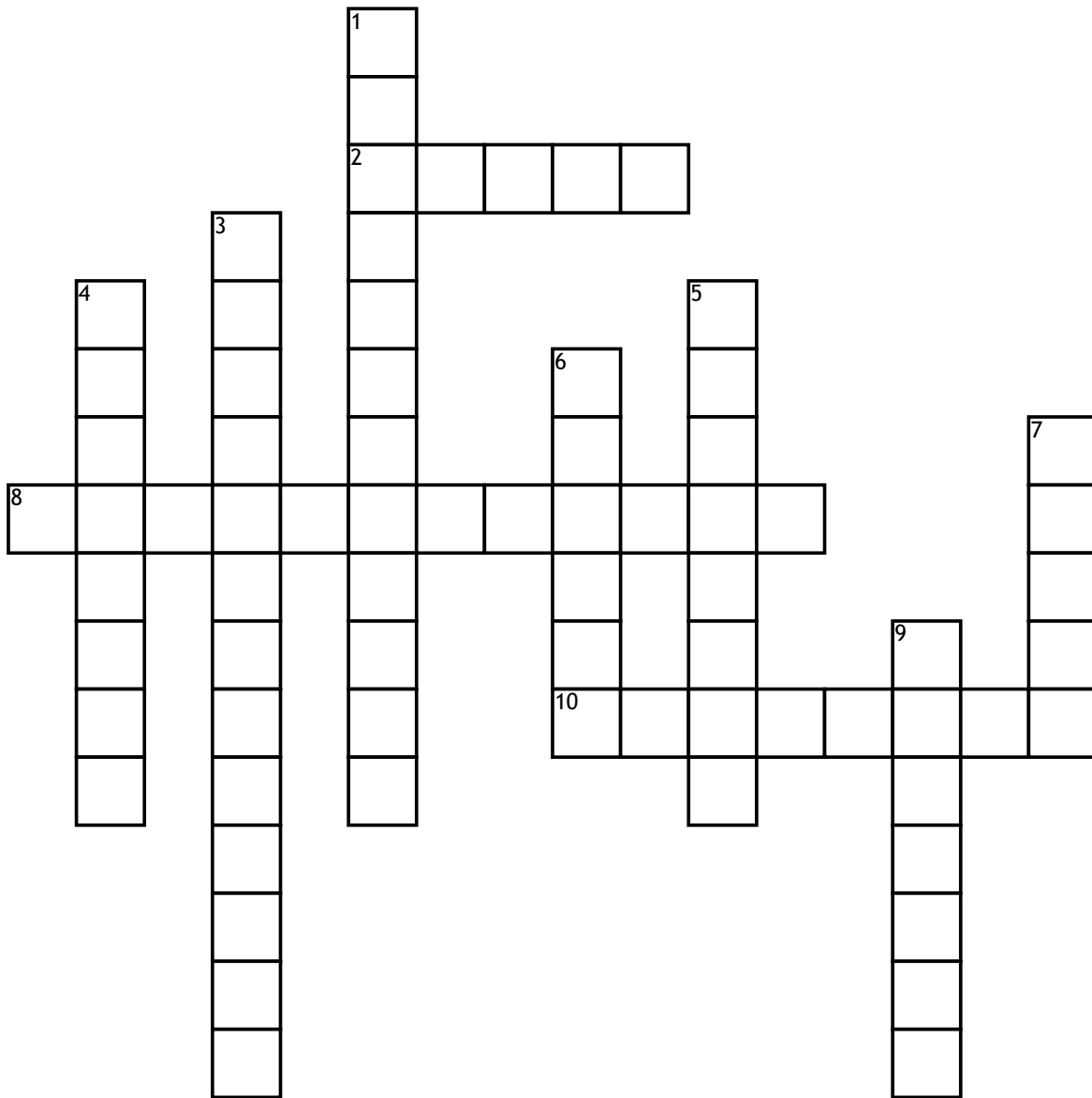


# Science Contract #6



**Across**

- 2. The distance an object travels per unit of time (rate of change in position)
- 8. Rate of change of velocity; occurs when an object changes speed, direction, or both
- 10. When two or more forces act on an object at the same time

**Down**

- 1. Distance and direction of an object's change in position from the starting point

- 3. Friction-like force that opposes motion of objects that move through air
- 4. The force that opposes the sliding motion of two touching surfaces
- 5. Includes speed of an object and the direction of its motion
- 6. Occurs when an object changes position relative to a reference point
- 7. Push or pull
- 9. Any two masses that exert an attractive force on each other