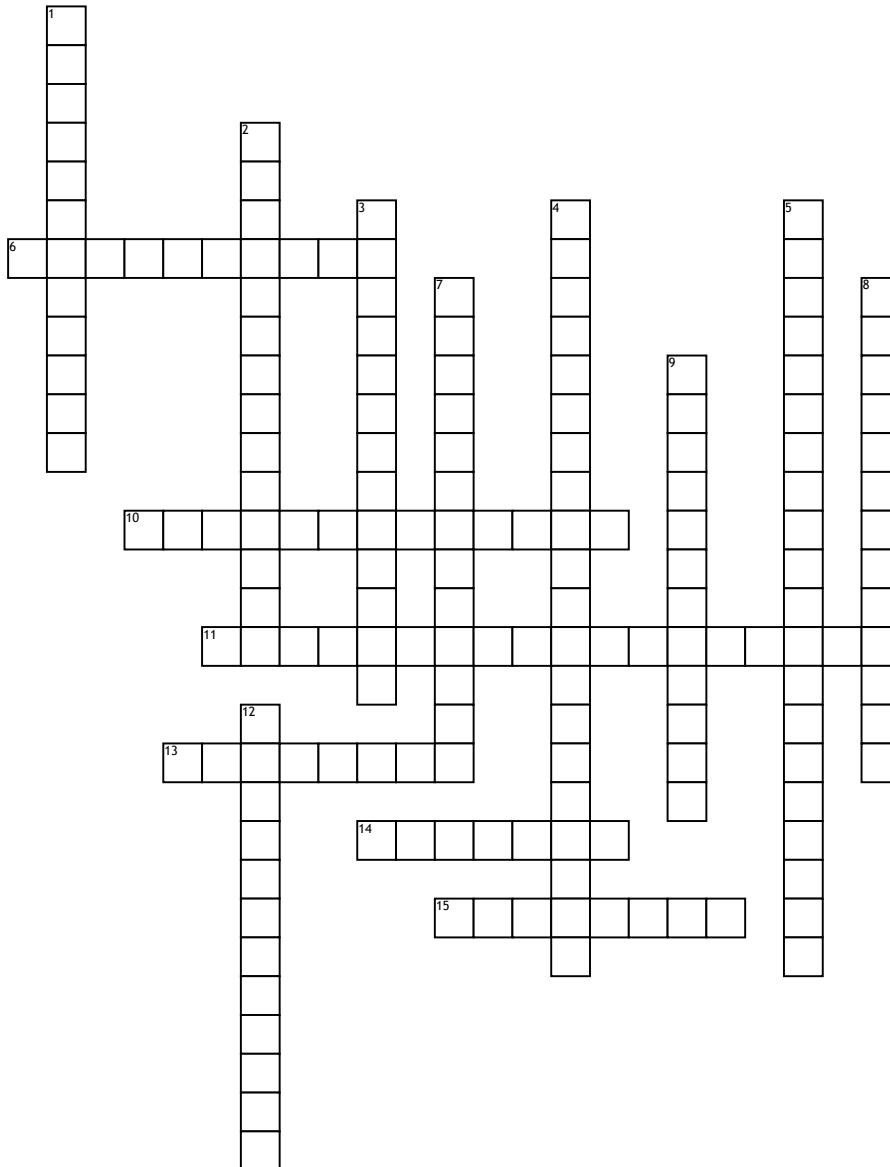


Name: _____

Date: _____

Science Contract #6



Across

6. Anything that is thrown or shot through the air

10. For every action or force, there is an equal and opposite reaction (or force)

11. Speed at any given point in time

13. The force that opposes the sliding motion of two touching surfaces

14. Any two masses that exert an attractive force on each other

15. Includes speed of an object and the direction of its motion

Down

1. Rate of change of velocity; occurs when an object changes speed, direction, or both

2. Friction in which two surfaces are not moving past each other

3. An object in motion stays in motion or an object at rest stays at rest until an unbalanced net force acts upon it

4. When something is slowing down

5. When something is speeding up

7. Friction when an object moves through either a liquid or a gas

8. The acceleration of an object is directly proportional to the magnitude of the net force, and inversely proportional to the mass of the object.

9. Total distance traveled divided by total time

12. Distance and direction of an objects change in position from the starting point