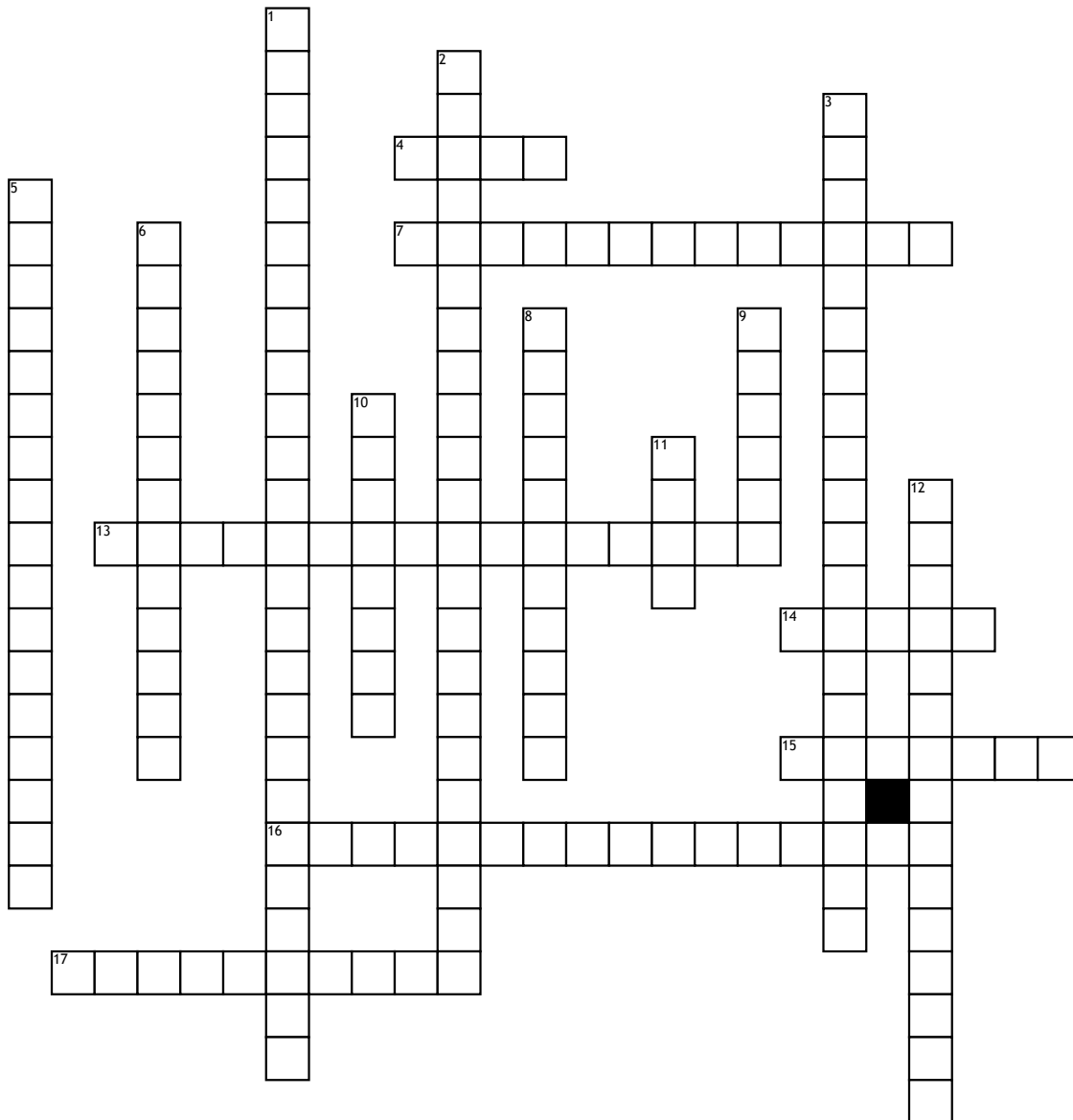


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Energy



## Across

4. how much matter there is in something

7. Energy of motion

13. sum of an objects kinetic and potential energy

14. rate at which work is done

15. electromagnetic waves

16. stored due to being stretched or compressed

17. the movement of electrons

## Down

1. state that energy cannot be destroyed or created

2. depend on mass and height

3. energy change from one form to another form

5. stored in bonds between atoms

6. the nucleus of an atom is the source of

8. kinetic energy caused by the vibration of particles in a medium

9. What has the ability to change ?

10. where an object is relative to a point of reference

11. use of force to move an object some distance in the direction of the force

12. energy that not in motion