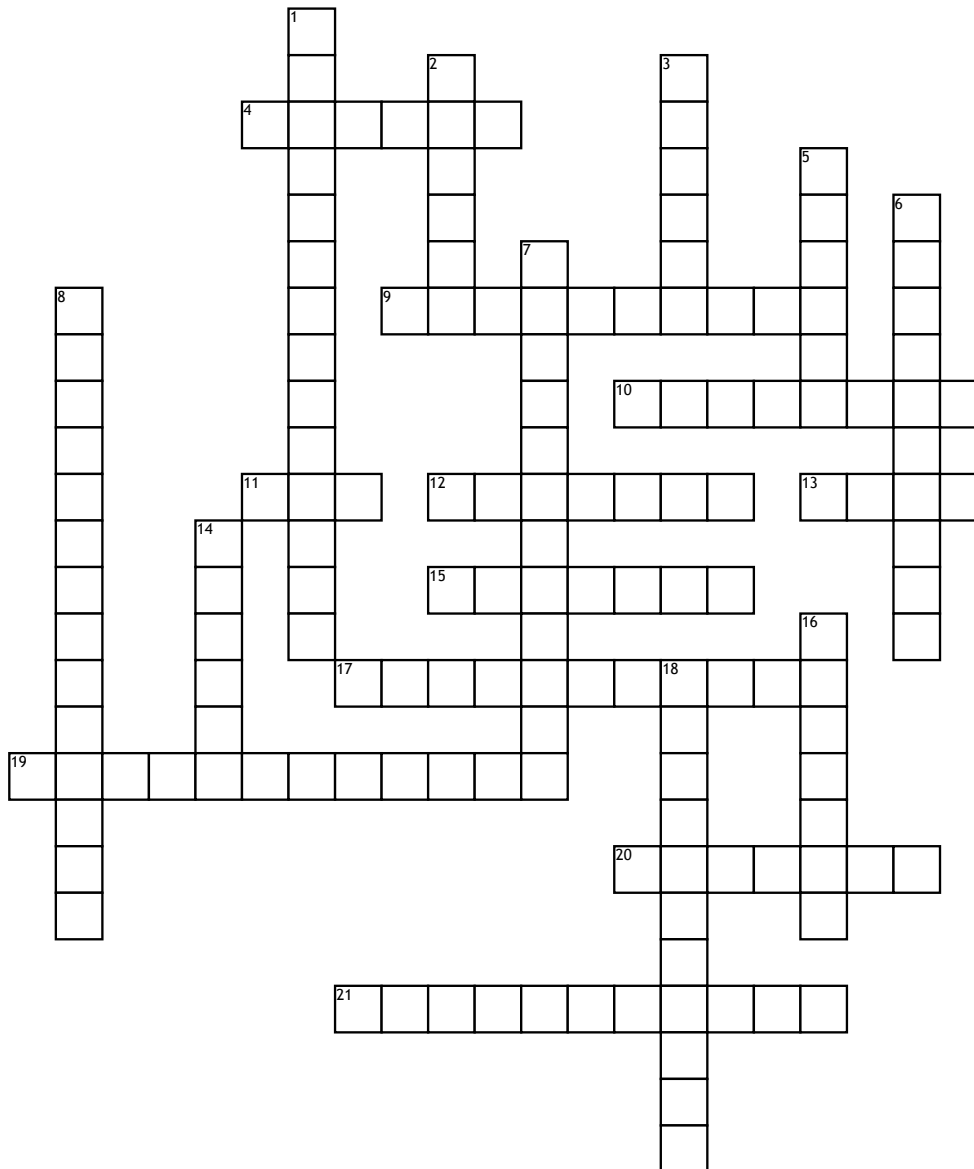


Name: _____

Date: _____

Physical Science Vocab 1



Across

4. Measure of the force of attraction between objects due to gravity

9. Proposed solution to a scientific problem

10. The factor being tested in an experiment

11. Summarizing statement observed experimental facts that has been tested many times and is generally accepted as true

12. An experiment run without a variable in order to show that any data from the experimental setup was due only to the variable that was being tested

13. The amount of matter in an object

15. Force of attraction that depends on the mass of two objects and the distance between them; responsible for accelerating an object toward the Earth

17. Change from the solid phase directly into the gas phase

19. Change of a liquid to a gas

20. Mass per unit volume

21. Vaporization that takes place at the surface of a liquid

Down

1. Process by which a substance becomes a new and different substance

2. A logical, time-tested explanation for events that occur in the natural world

3. Amount of space an object takes up

5. Phase in which matter is extremely high in energy and cannot be contained by ordinary matter; very rare on Earth; found in stars

6. A solution to a scientific problem

7. Change of a gas to a liquid

8. Process by which a substance changes phase

14. Anything that has mass and volume

16. Tendency of objects to remain in motion or to stay at rest unless acted upon by an outside force

18. Measure of the motion of molecules