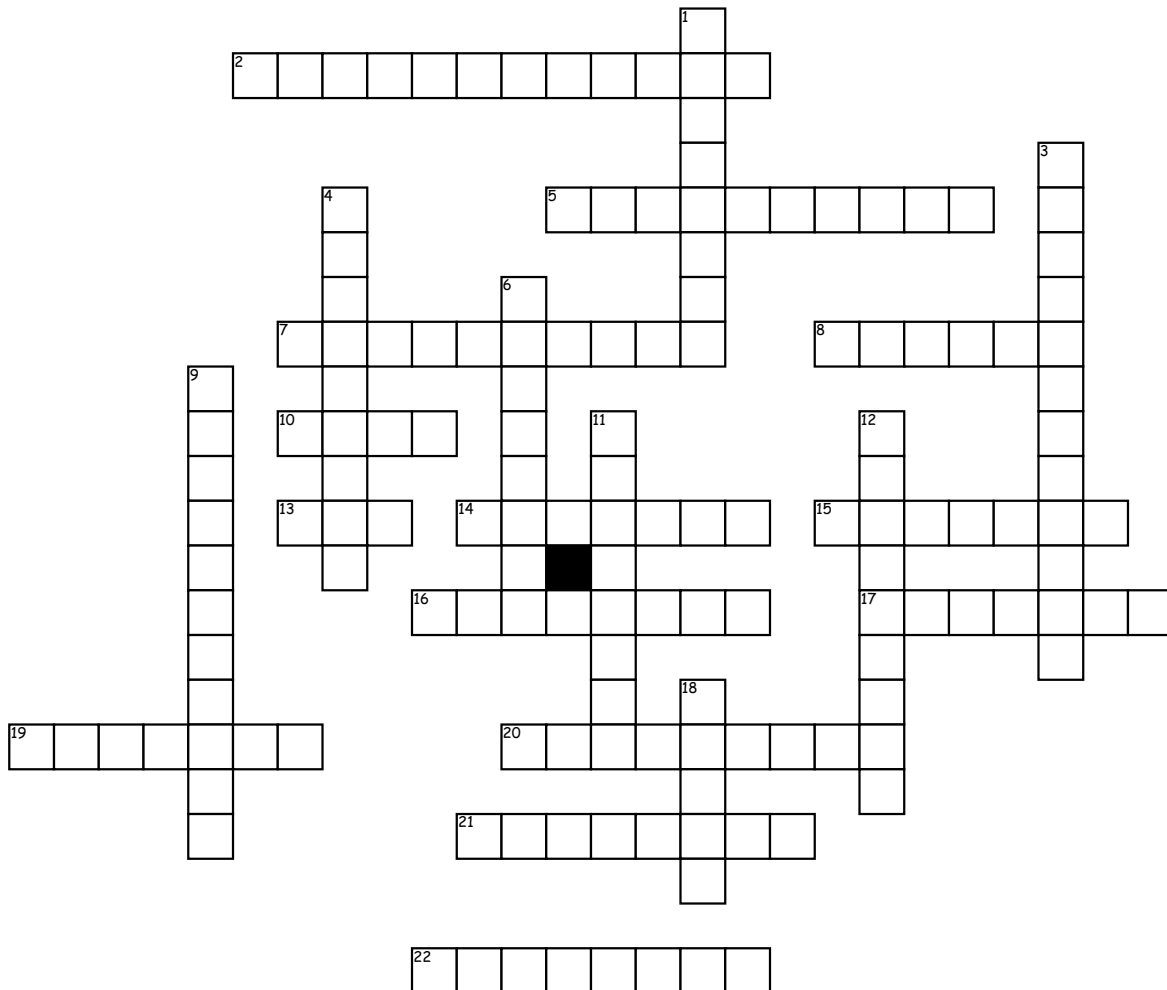


Name: _____

Physical Science Crossword Puzzle



Across

2. Phase change from gas to liquid
5. An educated guess based on observations
7. The last name of the person who conducted the gold foil experiment
8. Anything that has mass and takes up space
10. The actual amount of matter in an object or body
13. A charged atom that has lost or gained electrons
14. The dense center of the atom
15. How tightly packed matter is

16. This part of the atom orbits around the nucleus
 17. An atom containing a different number of neutrons from protons
 19. Phase change from solid to liquid
 20. A material that conducts heat or energy well
 21. Phase change from liquid to solid
 22. Last name of the person who discovered the existence of the neutron
- Down**
1. Substance where two or more elements are chemically combined in a set ratio
 3. Phase change from liquid to gas

4. A material that does not conduct heat or energy well
6. The force exerted on the surface area of an object
9. Phase change from solid to gas
11. A well-mixed mixture containing both a solute and a solvent
12. Branch of science dealing with matter and energy
18. Last name of the person who successfully isolated Radium salts in her laboratory in 1902