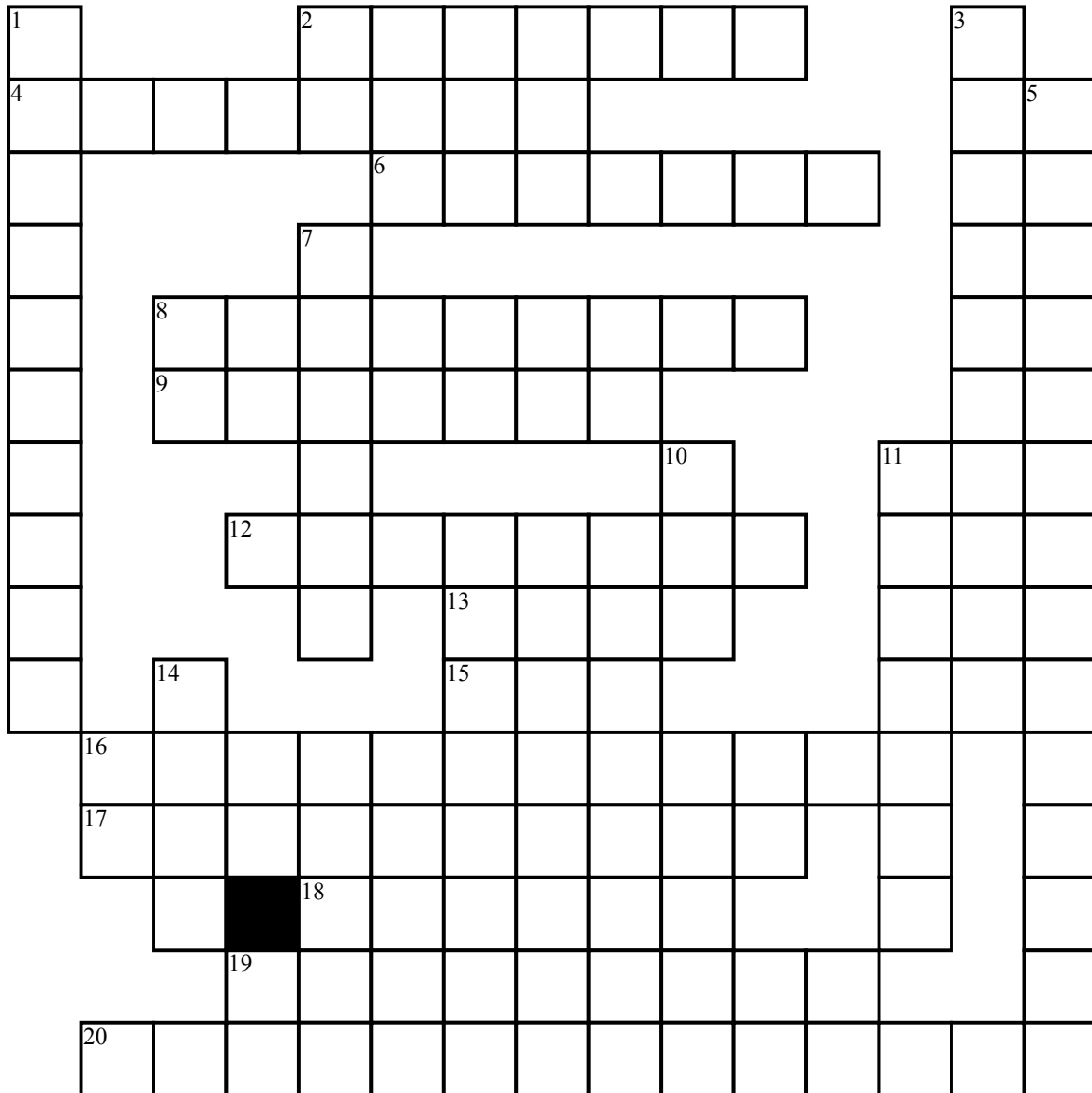


Name: _____

Date: _____

Atoms



Across

- 2. This is where most of an atom's mass and positive charge is concentrated
- 4. a particle with one negative charge
- 6. who experiment was named the cathode ray tube experiment
- 8. which elements number is 4
- 9. element with a different number of neutrons
- 12. Rutherford experimented with this

- 13. who proposed that electrons move in a circular orbit
- 15. an air like fluid which expands freely
- 16. what makes an atom unique
- 17. who idea was similar to Democritus?
- 18. fractional charges of neutrons and protons
- 19. Who did not believe that empty space exists?
- 20. a table of chemical elements

Down

- 1. Who came up with the word atomos
- 3. who experimented with gold foil?
- 5. the area around an atomic nucleus where an electron will most likely be found
- 7. a particle that has one positive charge
- 10. one classical element
- 11. a neutral particle
- 14. Smallest piece of an element