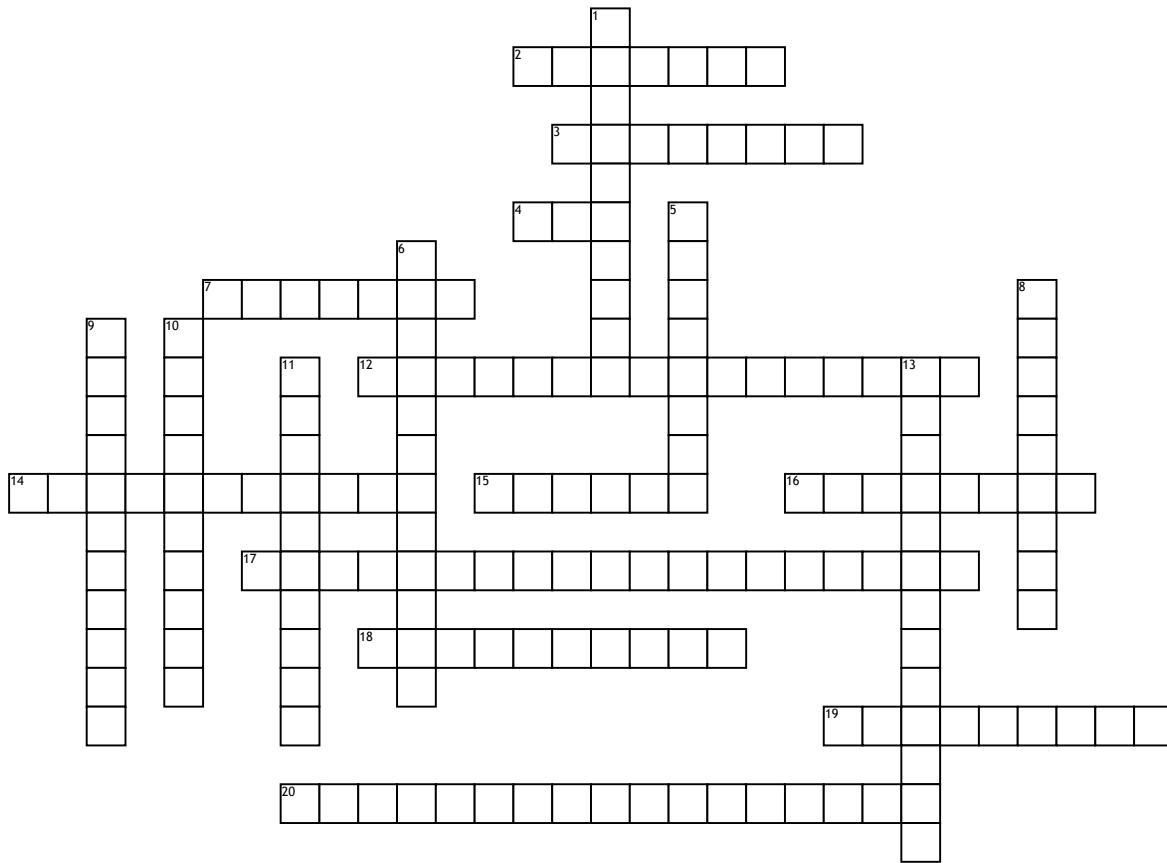


Name: _____

Atomic Theory



Across

- 2. Subatomic particle with no charge
- 3. Discovered the neutron
- 4. One of the first four elements
- 7. Where protons are located
- 12. The theory the the shape of an atom was consistent throughout with electrons mixed in
- 14. Came up with Quantum Mechanical Model
- 15. Subatomic particle with a positive charge

- 16. A subatomic particle with a negative charge

- 17. The atomic theory we use today

- 18. Came up with the uncertainty principal

- 19. Bohr's model of an atom

- 20. Dalton's model of an atom

Down

- 1. Used Gold Foil Experiment to disprove plum pudding model

- 5. Did the oil drop experiment

- 6. Rutherford's model of an atom

- 8. Discredited the idea of the atom by Leucippus and Deocritus

- 9. How many times the nucleus is smaller than the atom

- 10. Used a high vacuum cathode-raytube in his experiment

- 11. Came up with the idea that all matter is made of atoms

- 13. Where electrons are located