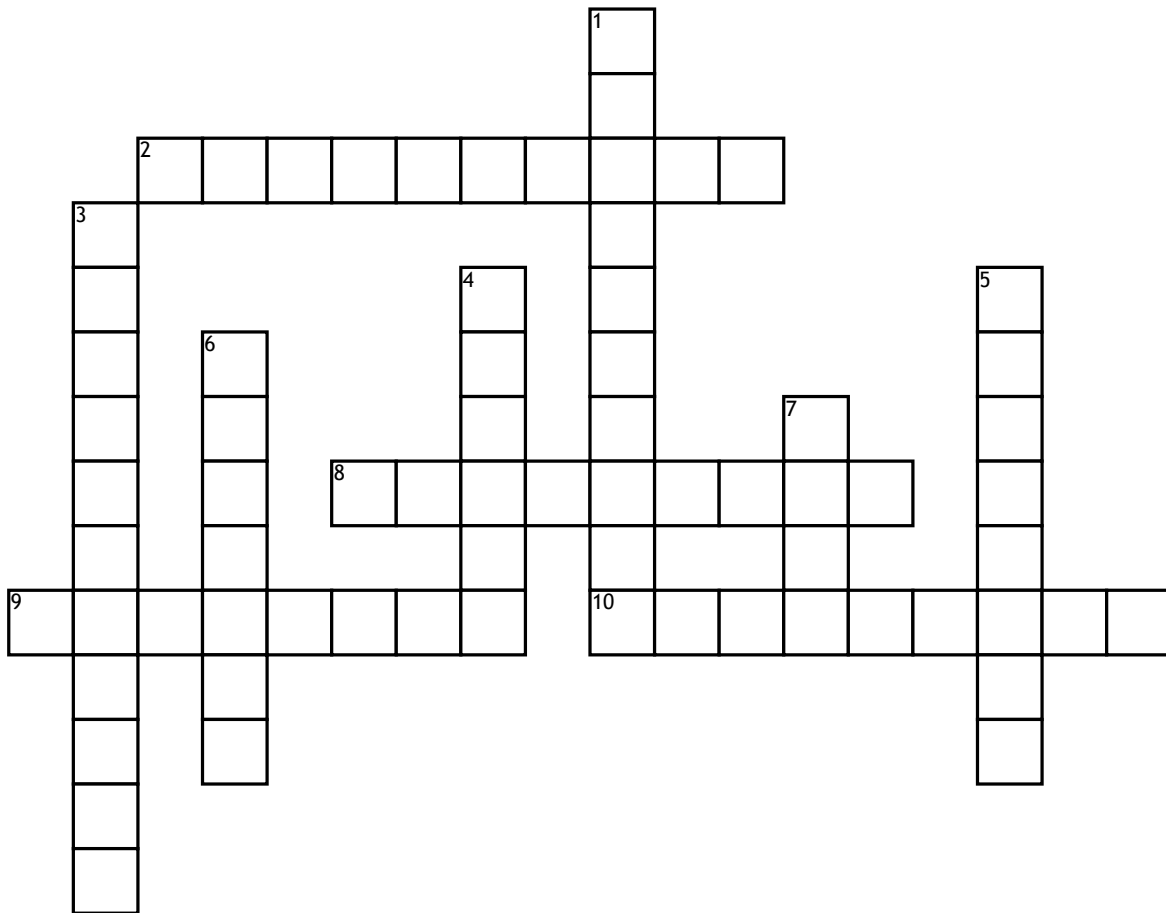


Atomic Theories



Across

- 2. Matter is composed of empty space where atoms move
- 8. Plum pudding model, negative particles aka electrons
- 9. Oil drop experiment, atoms have positive and negative charges
- 10. Electrons move in waves, not circular paths

Down

- 1. Positive charge with mass of 7500x of electron, alpha particles
- 3. Agreed with DeBroglie, quantum mechanical model
- 4. Elements consist of atoms and compounds are made of atoms
- 5. Discovered neutrons
- 6. Helped to arrange atoms in periodic table
- 7. Electrons move in circular paths, based on level of energy