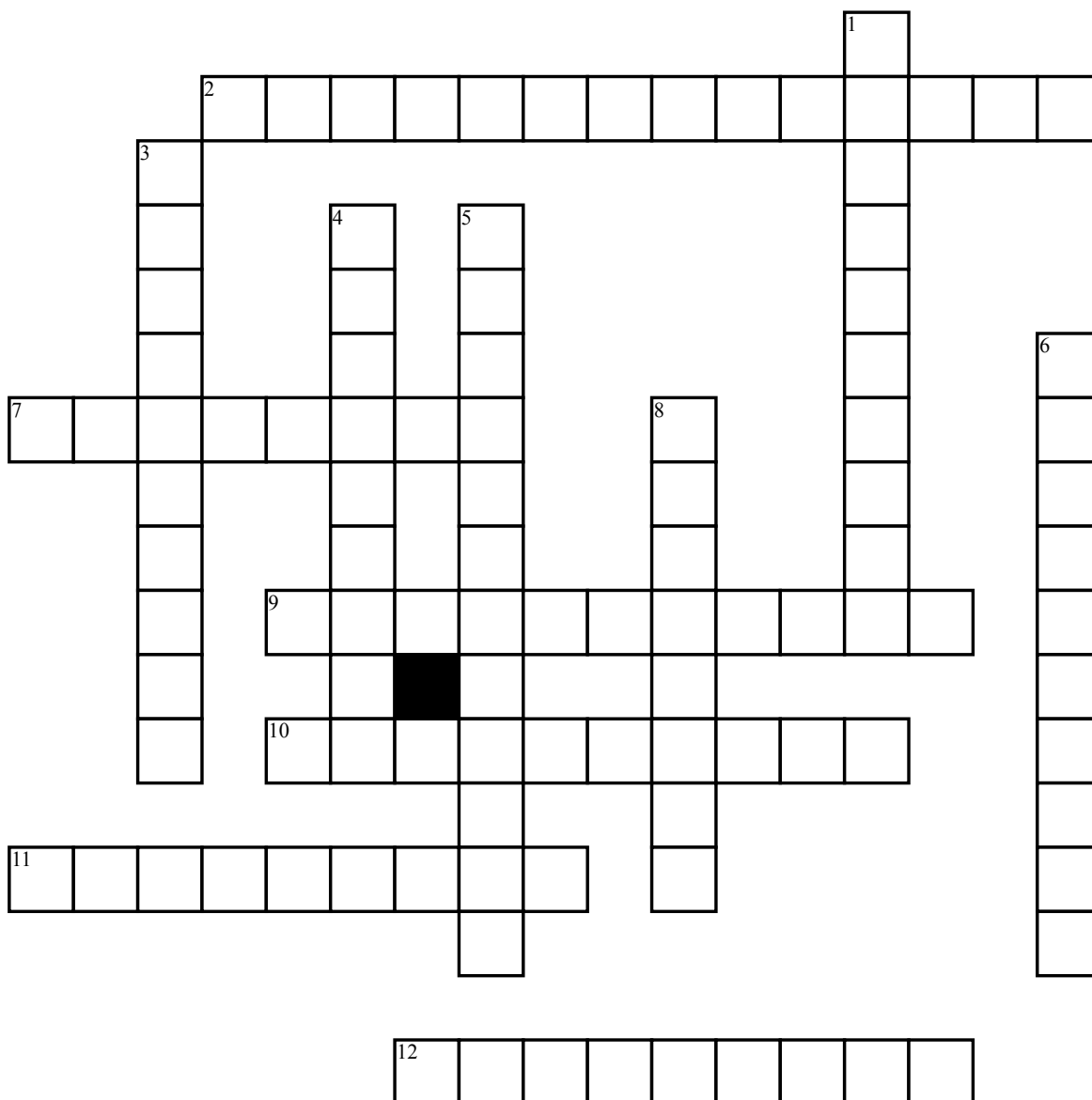


Atomic Theory Timeline



Across

2. Bohr model is also known as what?

7. J.J Thomson discovered this sub atomic particle of an atom.

9. What was J.J Thomson theorized model of the atom called

10. Around 400BC, this Greek proposed the idea that all matter can be cut down until you find a single indivisible particle, he called it the atom

11. This model is only useful for explaining the first 20 elements

12. Fire-hot, combustible, fueled by oxygen, Water-liquid, H₂O, Earth-dry, solid, Air-gas, cold Structure of matter was accepted for almost 2000 years.

Down

1. The Billiard Ball Model, 1807

3. Developed his famous uncertainty principle, which he first described in a letter to Wolfgang Pauli in 1927.

4. This scientist suggested that, like light, electrons could act as both particles and waves

5. Erwin Schrödinger's model: Electron Cloud Model also known as

6. Discovered the Proton and performed the Gold Foil Experiment

8. Discovered the Neutron