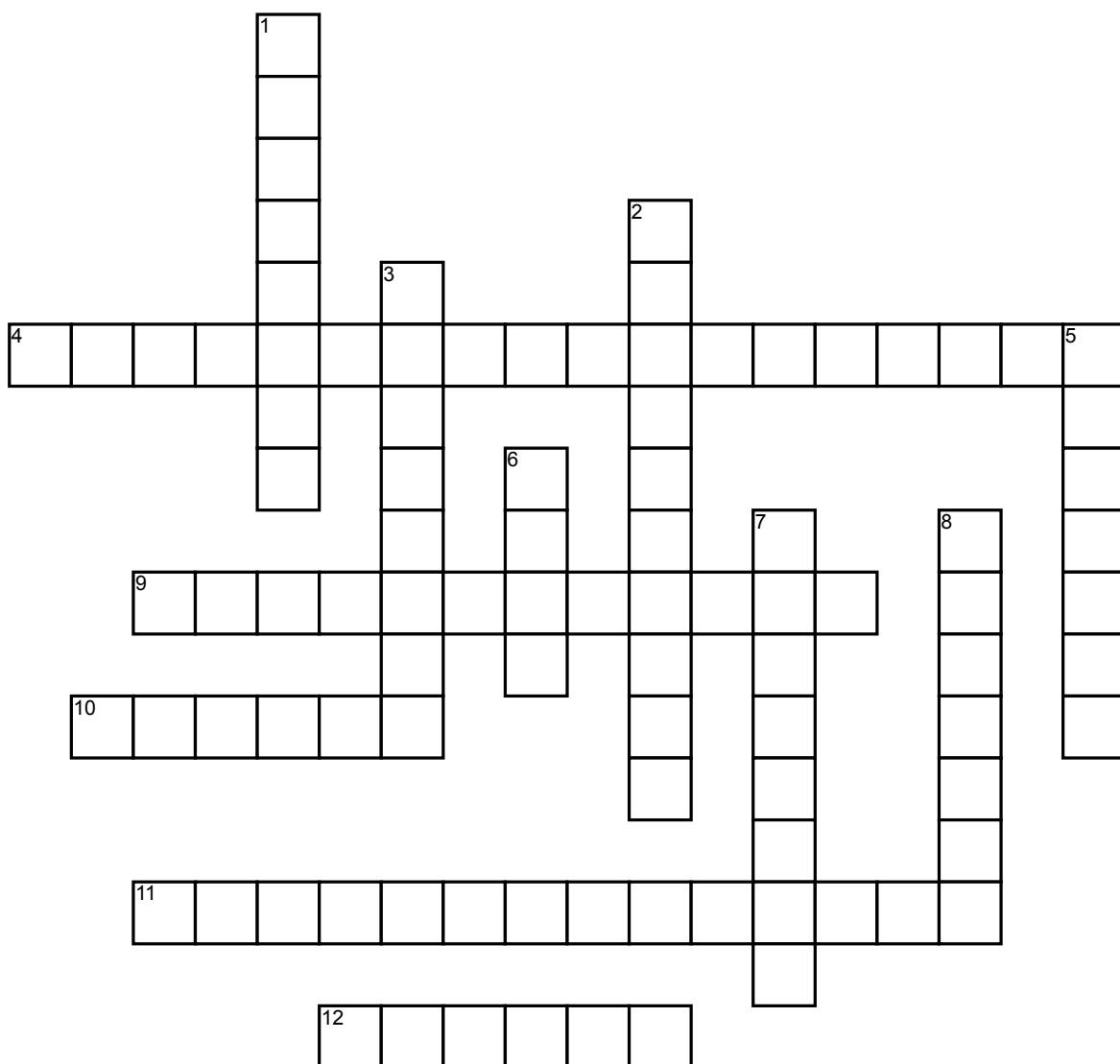


Atoms and Elements



Across

4. valence electrons determine what

9. Number of Protons

10. periodicity refers to recurring what

11. Where electrons are located

12. Abbreviation of an element

Down

1. What charge do protons have

2. describes the mass of an atom or molecule

3. elements can be grouped into what

5. Bohr's Atomic Model

6. What charge do neutrons have

7. What charge do electrons have

8. An atoms central region