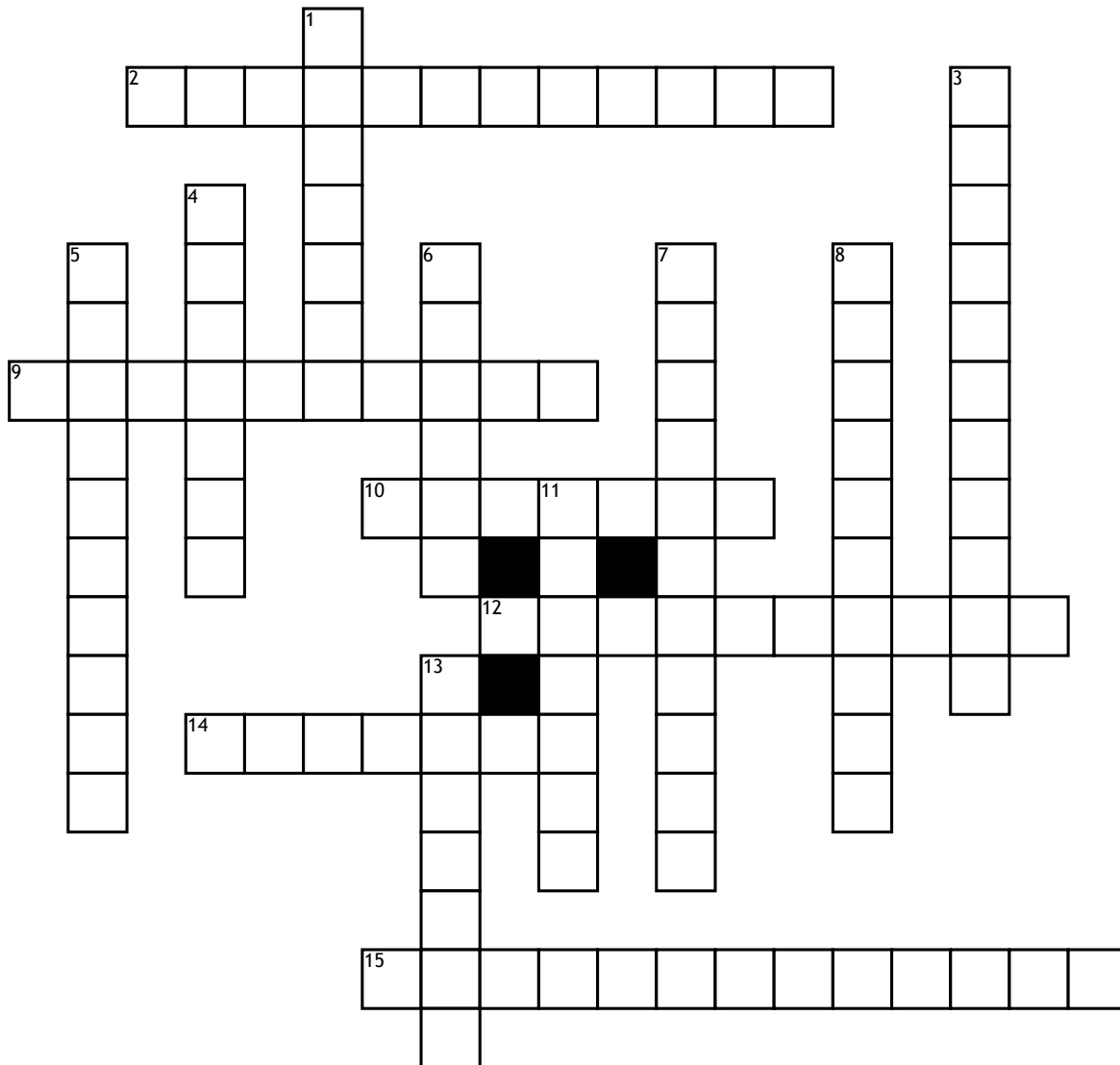


Name: _____

Date: _____

Atomic Models



Across

2. The Bohr model shows electrons in different ____
9. The Rutherford model showed the atom was mostly ____
10. Chadwick's discovery has ____ charge
12. The nucleus is ____ charged
14. Rutherford's gold foil experiment showed the existence of the ____

15. The plum pudding model showed negative particles in a ____

Down

1. Positive charged particles are called ____
3. John Dalton's believed atoms were invisible and ____
4. Rutherford was not only credited with discovery of the nucleus but also of the ____
5. First idea of the atom was from ____

6. Democritus believed atoms of different materials had different ____

7. The main point of the electron cloud model is that electrons' exact location can't be determined but with a high ____

8. The electrons are ____ charged

11. Credited with the discovery of the electron.

13. James Chadwick discovered the ____