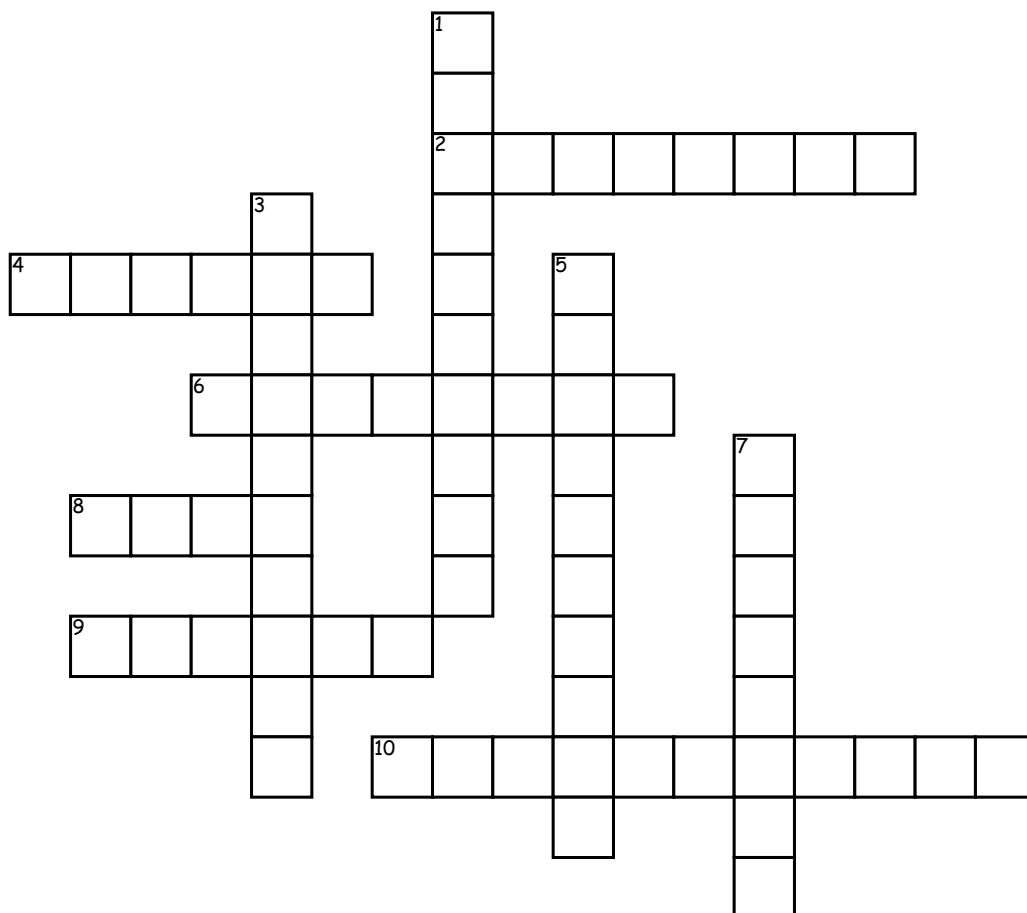


Name: _____ Date: _____ Period: _____

EVOLUTION OF THE ATOMIC MODEL



Across

2. Discovered the electron and that the negatively charged electrons must be embraced in a cloud of positive charge

4. Dalton said that atoms make up all _____

6. Rutherford did this experiment proving that atoms have a positive nucleus

8. Said that electrons revolve around the nucleus of an atom like planets

9. atoms are indivisible and indestructible and identical in mass and property

10. Had the model we use today and said the atom and regions or clouds in which electrons would likely be found.

Down

1. Discovered the nucleus and protons

3. First person to come up with the term atom, theorized atoms were specif to the material

5. Used mathematics to find out it is impossible to know the position and the momentum.

7. Discover the neutron in 1932

Word Bank

DALTON

CHADWICK

THOMPSON

SCHRODINGER

DEMOCRITUS

GOLDFOIL

RUTHERFORD

BOHR

HEISENBURG

MATTER