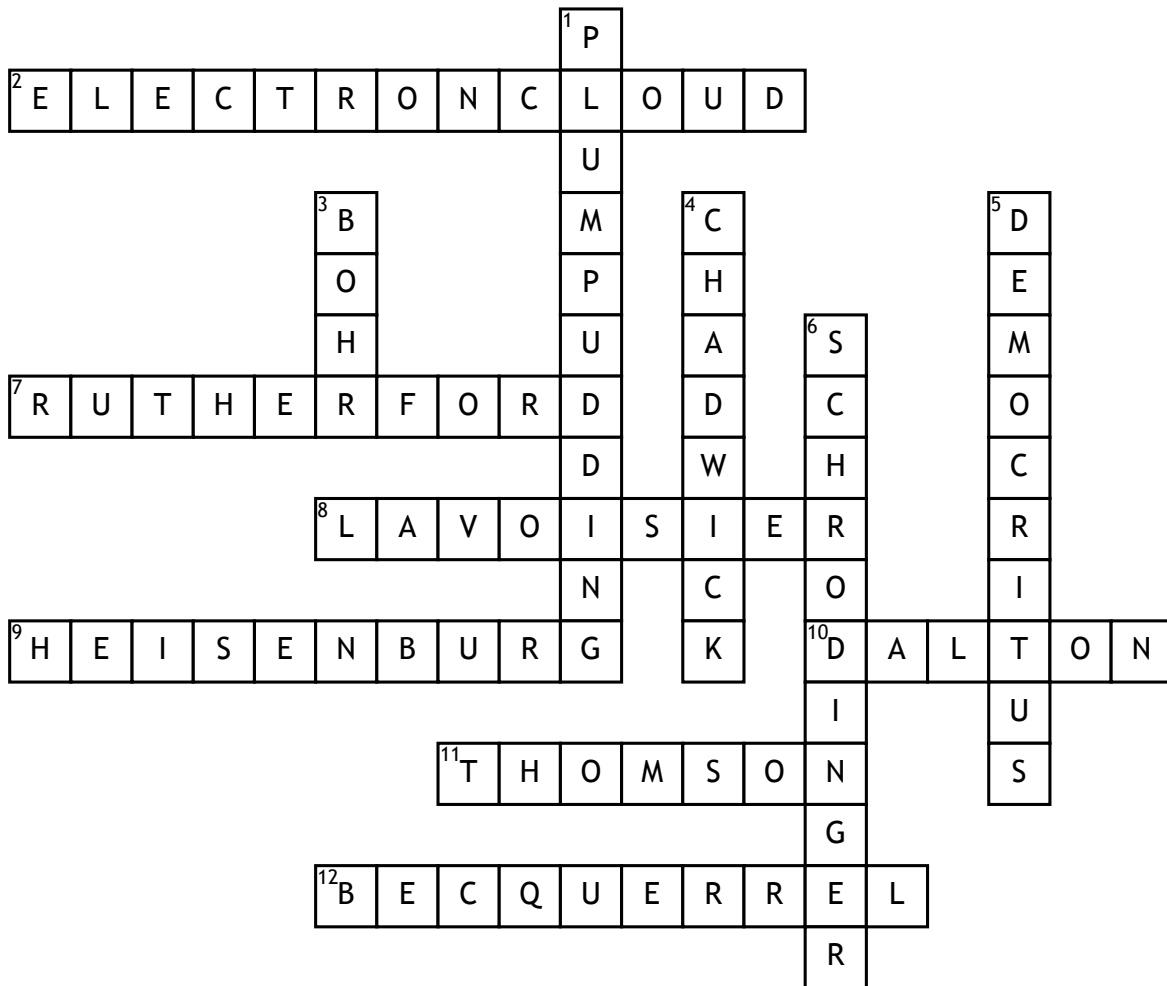


Name: _____

Date: _____

Atomic Theory



Across

2. Model that describes the electronic structure of the atom as the probability of finding electrons within certain regions of space

7. Discovered the nucleus

8. Father of Chemistry

9. Stated that you can only know the velocity or the position of an electron at one time, but not both

10. Who said atoms are tiny particles with no internal structure

11. Discovered the electron

12. Discovered radioactivity; father of photography

Down

1. What was J. J. Thomson's atomic model called

3. Said atom has a small positively charged nucleus, electrons travel in a circular orbit around the nucleus

4. Discovered the neutron

5. Greek Philosopher; atom is indestructible

6. Work led to the electron cloud model by stating electrons move in a wave-like pattern