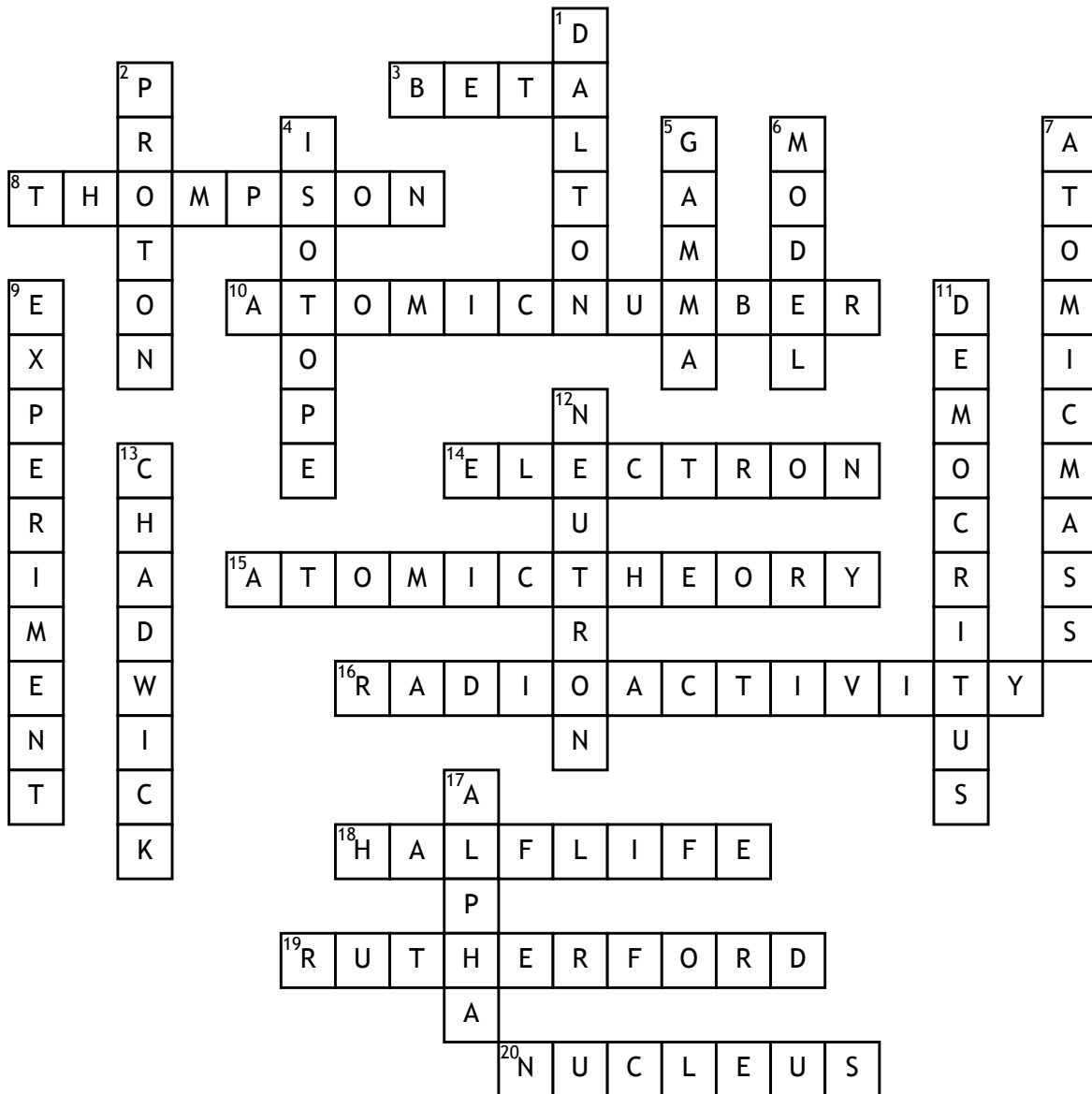


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Science Puzzle



## Across

3. Second most radioactive particle
8. He discovered the electron
10. The big number under the element's name
14. This part of an atom has a negative charge
15. Dalton came up with the...
16. The emission of particles caused by disintegration of the nucleus

18. Amount of time it takes for an atom to decrease by half
19. He did the gold foil experiment

20. The middle of an atom with protons and neutrons inside

## Down

1. He created the modern day periodic table
2. This part of an atom has a positive charge
4. Elements that have same number of protons but different neutrons

5. Most radioactive particle

6. Bohr created a...

7. The number above the element's name

9. Rutherford did an....

11. Developed the concept of atoms

12. This part of an atom has a neutral charge

13. He discovered the neutron

17. Least radioactive particle