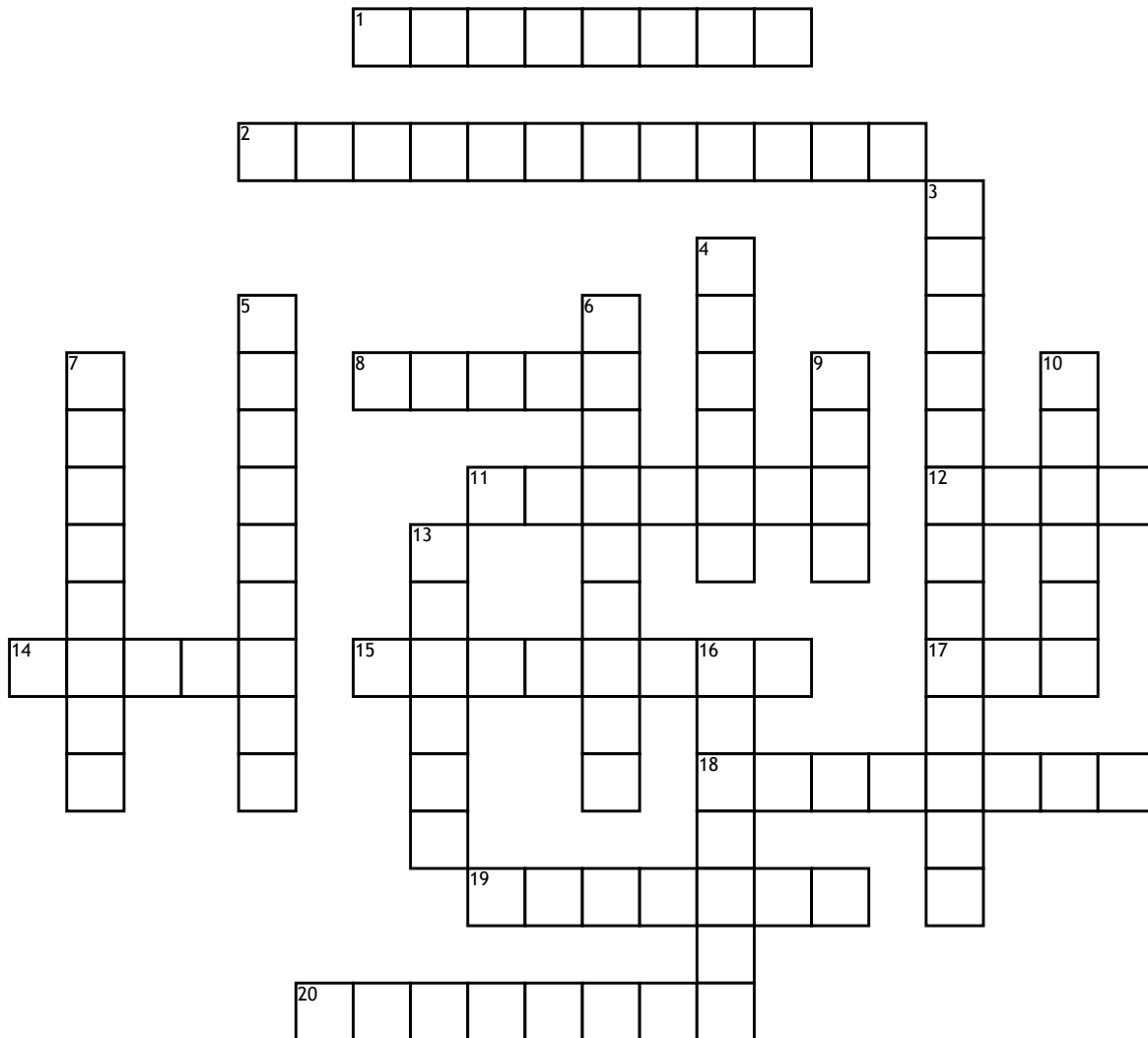


Name: _____ Date: _____ Period: _____

THE HISTORY OF THE ATOM



Across

1. Antoine Lavoisier put the first table of _____ together.

2. _____ is a change in the velocity of an object, mass, or body.

8. A _____ is the energy level where the electrons are found.

11. The _____ is in the middle of the atom.

12. An _____ is the smallest unit of an element.

14. Neils Bohr changed the _____ of electrons.

15. A _____ is a material formed by joining elements.

17. An _____ is an electrically charged particle (positive or negative).

18. A _____ is an element or compound.

19. An _____ is a pure substance that cannot be broken down into simpler substances by chemical reactions.

20. Aristotle thought there was not a smallest part of _____.

Down

3. _____ is the spontaneous disintegration of the nucleus.

4. Henri Becquerel discovered the _____ of atoms' magnetism and radioactivity

5. Marie and Pierre Curie worked with mysteries of _____ and radioactivity.

6. Robert Millikan was interested in J.J. Thomas and his _____.

7. An _____ is a negatively charged part of an atom.

9. The _____ is the amount of matter in an object.

10. A _____ is a positively charged part of an atom.

13. J.J. Thomas discovered the _____ model.

16. Ernest Rutherford discovered the _____.