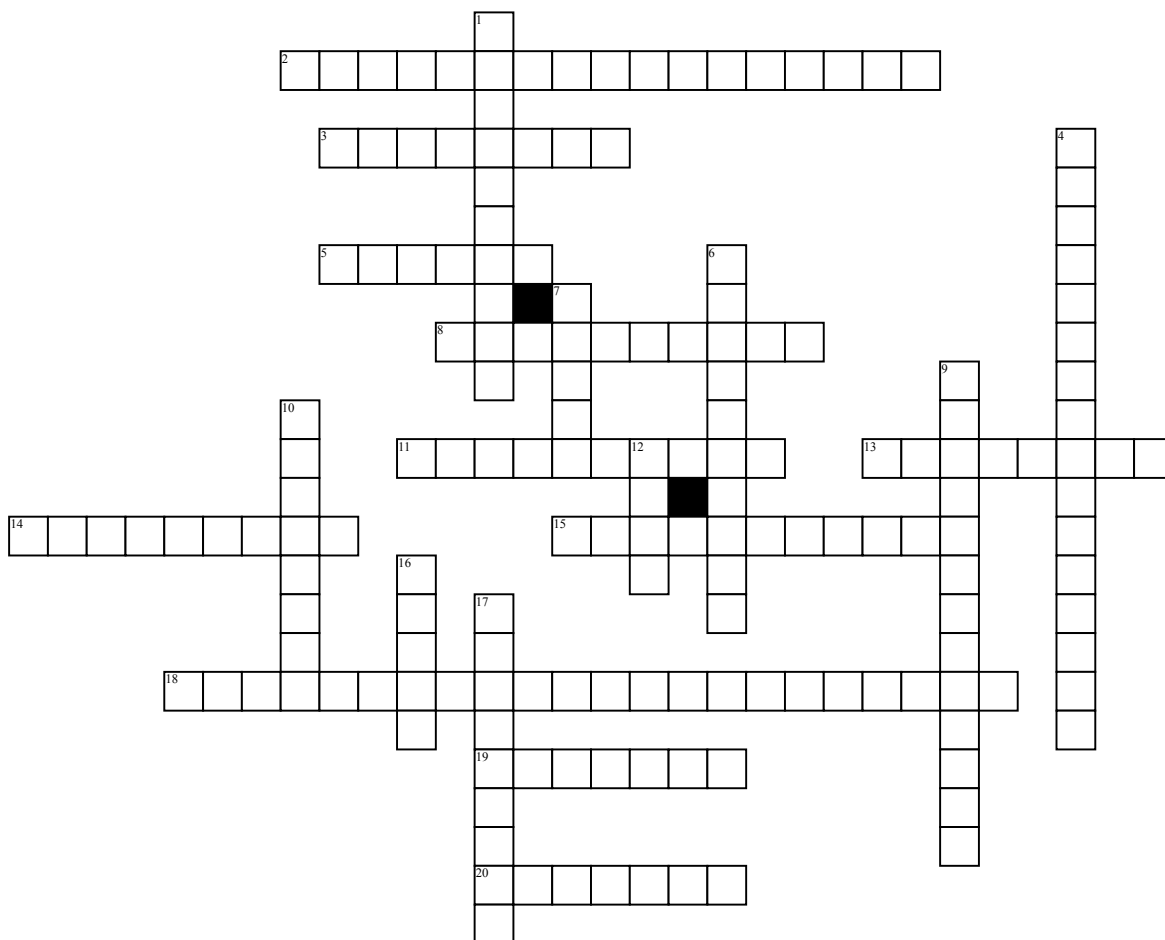


Atomic Theory Cross-Word Puzzle



Across

2. What did Millikan use to find a charge on a single electron
3. What is a subatomic particles that was "something-besides-just-the-proton" which contains most of the atoms mass?
5. Who was the father of the atomic theory?
8. Who pounded up materials in his pestle and called the tiny particles atoms?
11. Who said that it was impossible to know simultaneously the exact position and momentum of a particle?
13. Who proved the neutrons existence?
14. Who discredited Leucippus and Democritus resulting in little progress with the atomic theory?

15. Who believed that the patterns in atoms were not circular but rather in orbitals?
18. What did Schrodinger use to model the probability of finding an electron in a certain position?
19. Who discovered the electron?
20. What was discovered to contain electrons and protons?

Down

1. What model was proved to only work with hydrogen and was later proved incorrect by Schrodinger?
4. What was a way to show that a single atom has a soup of positive charges with scattered electrons like raisins in it?
6. Who used the Gold foil experiment?

7. Who rejected the idea that there were only 4 elements?
9. In Dalton's atomic theory a chemical reaction is the what of atoms?
10. Who discovered how to measure the charge of an electron?
12. Who helped the understanding of atomic structure and created a visual model of the atom?
16. According to Dalton's Atomic theory all matter is made up of what?
17. What was discovered to contain a negative charge?