Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Atomic Development X-Word**



Across

3. First person to come up with the concept and term "atom".

5. Atoms of the same element are \_\_\_\_\_\_\_\_.

6. Discovered the nucleus.

10. Discovered the exact charge of the electron using the Oil Drop Experiment.

12. Acronym for nothing is created or destroyed, just rearranged.

14. Mendeleev arranged the periodic table by increasing atomic\_\_\_\_\_\_\_\_\_\_\_.

15. Thompson used a piece of equipment called a \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_ tube.

16. Developed the modern periodic table.

18. Developed the first periodic table.

Down

1. Atoms of different elements combine in whole number ratios to [form](http://puzzlemaker.discoveryeducation.com/code/BuildCrissCross.asp) \_\_\_\_\_\_\_\_\_\_\_\_.

2. All matter is made of tiny, indivisible particles called \_\_\_\_\_\_\_\_\_\_\_.

3. Developed the first atomic theory.

4. Chemical \_\_\_\_\_\_\_\_\_\_\_\_\_ involve the rearrangement of atoms.

7. Thompsons [model](http://puzzlemaker.discoveryeducation.com/code/BuildCrissCross.asp) is commonly referred to as \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_.

9. Last name of the person who discovered the electron.

11. [Greek](http://puzzlemaker.discoveryeducation.com/code/BuildCrissCross.asp) for indivisible particles.

13. Discovered the nucleus.

17. Theorized that light can behave as a particle called a photon.