

Glue this side
down into your
science notebook.

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Lewis Structure Notes

What is a Lewis Structure?

A Lewis Structure is a simplified way to represent an atom and its outer electrons. It has two parts to it: the atomic symbol for the element and dots representing the electrons surrounding it.

Getting Started:

1. Find your _____ on the periodic table.
2. Determine the number of _____ electrons.
3. This is how many electrons you will _____.

Review:

- On the periodic table, each column is called a _____.
- Each element in a _____ has the same number of _____ in their outer orbital, or _____.
- The electrons in the outer shell are known as _____ electrons.

Drawing the Lewis Structure:

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1. Write the _____ for the element.
2. How many _____ electrons?
3. Start on the _____ and draw the electrons counter-clockwise around the element _____.
4. Check your work— did you draw the correct number of electrons?