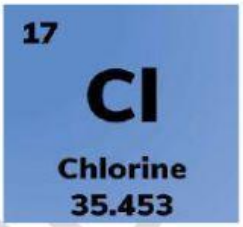
Learning Target: I can analyze and interpret data to determine trends of the number of valence electrons, types of ions formed by main group elements, location and properties of metals, nonmetals, and metalloids, and phases at room temperature.

Periodic Table Review

1. A neutral atom of the element Sodium has how many protons? Neutrons? Electrons? Atomic mass? Atomic number? Element symbol?

2. A neutral atom of the element Fluorine has how many protons? Neutrons? Electrons? Atomic mass? Atomic number? Element symbol?



3. What does the 17 represent in the following image?

4. What does the Cl represent in the following image?

5. What does 35.453 represent in the following image?

6. How many protons does the image have? Electrons? Neutrons?

7. An atom has 5 protons, 6 neutrons, and 7 electrons. What element is it?

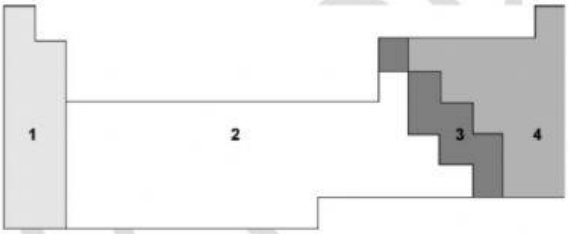
8. An atom has 10 protons, 10 neutrons, and 8 electrons. What element is it?

9. These elements conduct heat and electricity well, they are malleable, ductile, and shiny.

10. These elements do not conduct heat and electricity well, they are brittle, and dull.

11. How many valence electrons does nitrogen have? Argon? Lithium? Magnesium?

12. Which type of elements appear in section 1? Section 2? Section 3? Section 4?



13. Which elements are unreactive because they have a full valence shell?

14. These compounds have high melting points, can conduct electricity, and made up of metals and nonmetals.

15. These compounds have low melting points, do not conduct electricity, and are made up of two or more nonmetals

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