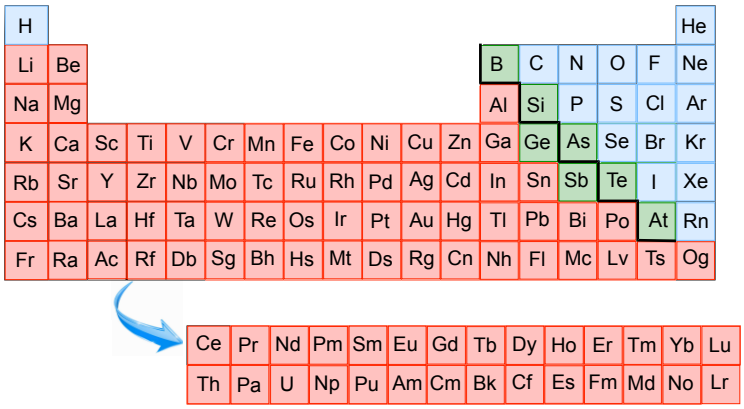
CONCEPT: PERIODIC TABLE: CLASSIFICATIONS

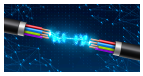
- The **3 Classifications** in the Periodic Table include the _____, _____ & _____.



Metals

- Represent the largest classification for elements on the Periodic Table.

Metallic Properties

Physical Property	Physical Property	Physical Property	Physical Property
 _____	 _____	 _____	 _____

EXAMPLE: Which of the following elements has physical properties most similar to barium, Ba?

a) Carbon, C b) Calcium, Ca c) Arsenic, As d) Xenon, Xe e) Chlorine, Cl

Non-Metals

- Represent the _____ classification for elements.
  - □ Non-metals tend to have the opposite trend of metals when it comes to their physical properties.
  - □ Non-metals are _____, poor _____, _____, & _____.

Metalloids

- Have characteristics of both metals and non-metals and so are called semi-_____ or semi-_____.
  - □ The metalloids lie on an imaginary staircase, starting from boron, B, to astatine, At.
  - □ They act as a border with the _____ lying to the left and most of the _____ lying on the right.

EXAMPLE: Which of the following is a metalloid?

a) Si b) S c) Br d) Pb e) C