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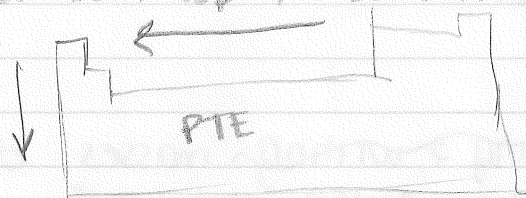
Chapter 6 Answer Key

1) elements are arranged in increasing atomic #

2) Metals, non-metals, metalloids

3) $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6$

4) increases from top to bottom, right to left



5) they form when e^- transfer between atoms

6) cations are positively charged atoms

7) D block

8) they already have a full valence shell.

9) 7A

10) Electronegativity is the ability of an atom of an element to attract e^- when the atom is in a compound.

