­Unit 1 – Matter and Bonding – Review

Can You:

* Use appropriate terminology related to chemical trend and chemical bonding (atomic number & mass, B-R diagrams, subatomic particles, Lewis dot diagrams, ionic and covalent bonds).
* Identify trends and predict patterns on the periodic table such as atomic and ionic radius, IE, EA, EN.
* Draw Lewis structures to represent bonding between elements (ionic and covalent) .
* Predict the type of bond based on the electronegativity of the elements.
* Predict the polarity and interparticle forces between molecules.
* Predict properties of substances based on their interparticle forces (MP, solubility, electrical conductivity)

Questions to consider:

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