

Concerns about chapter 1 review?

Concerns about ionic bonding?

Section 2.3 - Covalent bonding

Define

– the process by which 2 nonmetals share valence electrons to complete their valence shell

Why?

1. Molecules exist

2. Nonmetals react together to form compounds
and energy is released – stability

3. Molecular compounds do not conduct electricity
in the solid liquid or gas state

4. Molecular compounds do not conduct electricity
when dissolved in water

5. NO IONS ARE FORMED!

Examples – nitrogen trifluoride

carbon dioxide

Sometimes they get weird...

Example – sulfur trioxide

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