2.1----2.4 review.

Differentiate between an ionic bond and a covalent bond.

Using O2 as an example, demonstrate how the 2 Oxygen molecules bond covalently.

Using H2 as an example, demonstrate how the 2 Hydrogen molecules bond covalently.

Using CH4 as an example, demonstrate how the atoms bond covalently.

Show how Na Cl is formed. Show the ionic charge for both the Na and the Cl.

Show how Mg S is formed. Show the ionic charge for each ion.

Show how Li Cl is formed. Show the ionic charge for each ion.

Show why water is a covalent molecule. Then explain why it is Polar covalent. Be detailed. How does water’s polarity allow H bonds to form between Water molecules?

Water is essential to life on our planet. Water has many properties that help support life.

Describe 5 properties of water and explain how each property gives water life supporting properties. Use illustrations to help.

1.

2.

3.

4.

5.