Physical Science Chapter 6 Study Guide

What does an electron dot diagram show us?

What is the difference between a nonpolar and a polar molecule? What is similar?

What does a chemical formula tell us?

What type of bond holds two or more nonmetals next to each other?

What type of chemical bond holds two ions next to each other with an attraction similar to magnets?

Which bond type involves a sharing of electrons?

Which bond type involves a transfer of electrons?

What does the word polyatomic mean?

Be familiar with naming and predicting ionic chemical formulas.

Be familiar with naming and predicting covalent chemical formulas.

\*\*\*The above two statements deal with many more than just two questions on the test.\*\*\*

Be able to use your periodic table to figure out oxidation numbers for atoms and polyatomic ions.

What are diatomic molecules?

What are the properties of ionic compounds?

Know your terms and definitions for chapter 6.