Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Write the charges for the following elements. Hint: Where does it “want” to be?

Cl Nitrogen

P Bromine

Li Calcium

K Oxygen

C Boron

Write the formula (criss cross!) for these compounds.

Sodium Iodide

Lithium Chloride

Magnesium Oxide

Iron (III) Sulfite

Short Answer.

Explain the octet rule.

What is the exception to the octet rule?

Bonus: Which element is the most electronegative on the periodic table?

What are properties of ionic bonds?

Which of the following is an ionic bond?

How many valence electrons do each of these elements have?

Ca Ne

Cs Lithium

Be Sellenium

S Barium

I Sulfur