

Bonding Basics Activity

Directions: Complete the worksheet with the help of the PowerPoint Presentation found on the G: Drive in the SA-Butler folder.

Element	Atomic Symbol	Total # of Electrons	# of Valence Electrons	# of Electrons Gained or Lost	Oxidation Number
Chlorine					
Potassium					
Magnesium					
Fluorine					
Aluminum					
Sodium					
Nitrogen					
Oxygen					
Carbon					
Iodine					

Answer these questions:

An atom that gains one or more electrons will have a _____ charge.

An atom that loses one or more electrons will have a _____ charge.

An atom that gains or loses one or more electrons is called an _____.

A positive ion is called a _____ and a negative ion is called an _____.