

ChemThink: Ionic Formulas

Noble Gases never form _____.

Atoms react with each other to become _____.

Atoms form ions that have the same number of _____ as noble gases. This fact can be used to predict the charge of an _____.

In order to form an ionic compound we will need to have one atom that can _____ electrons (_____ _____) and one atom that can _____ electrons (_____ _____).

When sodium loses an electron what happens to the size of the blue atom?

When chlorine gains an electron what happens to the size of the green atom?

When oxygen gains 2 electrons what happens to the size of the red atom?

When atoms react to form _____ the total number of electrons that are _____ must always be equal to the total number of electrons that are _____.

Formula:

+ ion	- ion
Total:	Total:

Formula:

+ ion	- ion
Total:	Total:

Formula:

+ ion	- ion
Total:	Total: