

Snapping Ions Activity, Part 1

1. The snapping ions below can join together to form compounds.
2. Use the template below to join the positive ion and the negative ion that match each of the numbers and record the compounds in the table in the answer sheet.
 - For each compound, you will have just one type of positive ion and just one type of negative ion, but know that you may end up needing multiples of each type
3. Assemble your compound, and draw it. Be sure to label the blocks with the element symbol AND the charge.
4. Write the formula for your compound – INCLUDE THE CHARGES of the ions
 - If you have more than one of the ion, add a subscript to the bottom right of it to show how many you have
5. Name your compound by writing the positive ion name and then the negative ion name
 - For monatomic negative ions only, change the end of the name to -ide. For example, Cl^{-1} is chloride.

Round 1:

	Na^{+1}	Ca^{+2}	Al^{+3}
F^{-1}	1	2	3
S^{-2}	4	5	6

Round 2:

	Li^{+1}	Mg^{+2}
Cl^{-1}	1	2
O^{-2}	3	4
N^{-3}	5	6

Round _____

Name & Class Period _____

	Positive Ion	Negative Ion	Drawing	Formula	Name
					(Positive ion name and Negative ion name)
1					
2					
3					
4					
5					
6					

Round _____

Name & Class Period _____

	Positive Ion	Negative Ion	Drawing	Formula	Name
					(Positive ion name and Negative ion name)
1					
2					
3					
4					
5					
6					