Name: _____
Hour: ____ Date: _____

Chemistry: *Ions in Chemical Formulas*

Write the correct formula for the compound formed by each of the following pairs of ions.

1. Na^{1+} F^{1-}	1. _____
2. K^{1+} S^{2-}	2. _____
3. Ni^{2+} SO_4^{2-}	3. _____
4. Al^{3+} O^{2-}	4. _____
5. Ca^{2+} ClO_3^{1-}	5. _____
6. NH_4^{1+} P^{3-}	6. _____
7. Cu^{1+} NO_3^{1-}	7. _____
8. Cu^{2+} NO_3^{1-}	8. _____
9. Pb^{4+} O^{2-}	9. _____
10. Li^{1+} CO_3^{2-}	10. _____

For each of the following compounds, write…
A) the symbols of the ions in the compound , and
B) the number of each ion in one molecule of that compound.

11. CaI_2	11. _____
12. Na_2CO_3	12. _____
13. $Ga(ClO_3)_3$	13. _____
14. CuF_2	14. _____
15. $(NH_4)_3PO_4$	15. _____
16. $FeSO_4$	16. _____
17. $Mg(NO_3)_2$	17. _____
18. NH_4NO_2	18. _____
19. $KC_2H_3O_2$	19. _____
20. $Na_2Cr_2O_7$	20. _____