

Name: _____

Period: ____ Subject: _____

Date: _____

Nomenclature Sheet #1

(Ionic Compounds)

Give the appropriate chemical formulas for the following compounds. Be sure to include the proper subscripts for each atom.

1. Iron(III) sulfide _____
2. Copper(I) oxide _____
3. Magnesium chloride _____
4. Potassium bromide _____
5. Lithium carbonate _____
6. Beryllium chloride _____
7. Magnesium nitride _____
8. Lead(IV) phosphate _____
9. Ammonium chloride _____
10. Calcium fluoride _____

List the name of each of the compounds represented by the following chemical formulas:

11. NH_4NO_3 _____
12. $\text{Ca}(\text{OH})_2$ _____
13. CaCO_3 _____
14. CuSO_4 _____
15. Fe_2O_3 _____
16. CrS _____
17. BeBr_2 _____
18. NaF _____
19. Li_2O _____
20. KCl _____

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Nomenclature Sheet #2 (Ionic Compounds)

Give the appropriate chemical formulas for the following compounds. Be sure to include the proper subscripts for each atom.

1. Iron(IV) nitride _____
2. Copper(II) chloride _____
3. Calcium oxide _____
4. Magnesium bromide _____
5. Sodium nitrate _____
6. Potassium chloride _____
7. Magnesium phosphide _____
8. Iron(III) sulfate _____
9. Ammonium oxide _____
10. Sodium oxide _____

List the name of each of the compounds represented by the following chemical formulas:

11. NH_4Cl _____
12. KOH _____
13. $\text{Mg}(\text{NO}_3)_2$ _____
14. $\text{Cu}(\text{NO}_3)_2$ _____
15. Mo_2O_3 _____
16. NiS _____
17. KBr _____
18. BaI_2 _____
19. CaO _____
20. Na_2S _____