

Nomenclature

Name _____

Provide the chemical formulas for the following:

1. Iron(III) phosphate _____
2. sodium sulfate _____
3. aluminum hydroxide _____
4. octane _____
5. calcium bromite _____
6. cobalt permanganate _____
7. silver acetate _____
8. zinc(II) fluoride _____
9. aluminum oxide _____
10. dinitrogen tetroxide _____
11. hypochlorous acid _____
12. calcium carbonate _____
13. magnesium fluoride _____
14. potassium nitrite _____
15. chromium (VI) oxide _____
16. sulfurous acid _____
17. magnesium nitride _____
18. tin(IV) sulfate _____
19. rubidium sulfide _____
20. carbon disulfide _____

Write systematic names for the following:

1. CH_3COOH _____
2. $\text{Ca}_3(\text{PO}_4)_2$ _____
3. K_2O _____
4. C_3H_8 _____
5. HIO_3 _____
6. Na_2S _____
7. $\text{Pb}(\text{NO}_3)_2$ _____
8. MnO_2 _____
9. ICl_6 _____

Fill in the following table with chemical formulas:

	CO_3^{2-}	PO_4^{3-}	OH^-	NO_3^-	S^{2-}	SO_4^{2-}	BrO_2^-
Na^+	Na_2CO_3	Na_3PO_4					
K^+							
Mg^{2+}							
Al^{3+}							
Fe^{2+}							
Ca^{2+}							
Zn^{2+}							
Sn^{4+}							