

CHEMISTRY 3A NOMENCLATURE WORKSHEET #4

Write the formula for:

- | | | | |
|--------------------------|-----------------|---------------------------|---------------|
| 1. potassium nitrite | KNO_2 | 13. boron hypobromite | B |
| 2. zinc nitrate | $Zn(NO_3)_2$ | 14. lead (IV) bromite | $Pb(BrO_2)_4$ |
| 3. copper (I) nitrite | $CuNO_2$ | 15. sodium iodite | $NaIO_2$ |
| 4. magnesium hydroxide | $Mg(OH)_2$ | 16. sodium hypoiodite | $NaIO$ |
| 5. chromium (III) oxide | Cr_2O_3 | 17. lithium sulphite | Li_2SO_3 |
| 6. lead (IV) periodate | $Pb(IO_4)_4$ | 18. ammonium nitrate | NH_4NO_3 |
| 7. potassium sulphate | K_2SO_4 | 19. boron fluoride | |
| 8. manganese (V) acetate | $Mn(CH_3COO)_5$ | 20. stannic oxide | SnO_2 |
| 9. silicon chloride | $SiCl_4$ | 21. lead (IV) perchlorate | $Pb(ClO_4)_4$ |
| 10. calcium chloride | $CaCl_2$ | | |
| 11. aluminum sulphate | $Al_2(SO_4)_3$ | | |
| 12. ammonium sulphide | $(NH_4)_2S$ | | |

WRITE THE IUPAC NAME:

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|----------------------|------------------------------|--------------------|-------------------------|
| 1. $Hg(C_2H_3O_2)_2$ | mercury (II) acetate | 11. Na_3PO_4 | sodium phosphate |
| 2. $AgNO_2$ | silver nitrite | 12. $MgCO_3$ | magnesium carbonate |
| 3. $NiSO_3$ | nickel (II) sulphite | 13. $Ba(IO_4)_2$ | barium periodate |
| 4. Na_2SO_4 | sodium sulphate | 14. $Mg(ClO_2)_2$ | magnesium chlorite |
| 5. $Co(NO_3)_2$ | cobalt (II) nitrate | 15. NH_4NO_2 | ammonium nitrite |
| 6. $Fe(OH)_2$ | iron (II) hydroxide, ferrous | 16. $Co(IO)_3$ | cobalt (III) hypoiodite |
| 7. $Mg(OH)_2$ | magnesium hydroxide | 17. MgO_2 | magnesium oxide |
| 8. $AgNO_3$ | silver nitrate | 18. $Ni(SO_4)_2$ | nickel (IV) sulphate |
| 9. $Zn(NO_3)_2$ | zinc nitrate | 19. $Be_3(PO_4)_2$ | beryllium phosphate |
| 10. $MgSO_4$ | magnesium sulphate | 20. $Mg(NO_3)_2$ | magnesium nitrate |

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