

Key

- Left of the number: Identify if the compound is
BI = binary ionic, TI = ternary ionic, C = covalent/molecular
- Does it need a Roman numeral??? If yes CIRCLE the question number
- Complete the name or balanced formula

TI 1. $Al(NO_3)_3$ Aluminum nitrate

BI (2) $FeCl_3$ Iron (III) chloride

C 3. CS_3 Carbon trisulfide

BI (4) TiO_2 Titanium (IV) oxide

TI ~~5~~ 5. $CaCO_3$ Calcium carbonate

TI ~~6~~ (6) $Cu(NO_2)_2$ Copper (II) nitrite

TI ~~7~~ (7) $Sn(CN)_4$ Tin (IV) cyanide

TI 8. $Ba_3(PO_4)_2$ Barium phosphate

C 9. N_2O_4 dinitrogen tetraoxide

TI 10. Ag_2SO_3 Silver sulfite

* BI (11) $NiSe_2$ Nickel (II) selenide

C 12. P_3O_5 Triphosphorus pentoxide

TI (13) $Sn_3^{2+}(PO_4)_2$ Tin (II) phosphate

C 14. N_7Cl_3 Heptanitrogen trichloride

TI 15. $LiOH$ Lithium hydroxide

BI 16. Manganese (III) bromide $MnBr_3$

TI 17. Calcium acetate $Ca(C_2H_3O_2)_2$

C 18. Sulfur dioxide SO_2

TI 19. Tin (IV) sulfate ~~$Sn(SO_4)_2$~~ $Sn(SO_4)_2$

TI 20. Zinc hydroxide ~~$Zn(OH)_2$~~ $Zn(OH)_2$

BI 21. Lead (IV) nitride Pb_3N_4

TI 22. Copper (II) chlorate $Cu(ClO_3)_2$

C 23. Carbon tetrachloride CCl_4

TI 24. Ammonium phosphate $(NH_4)_3(PO_4)$

C 25. Diphosphorus pentabromide P_2Br_5

TI 26. Barium cyanide $Ba(CN)_2$

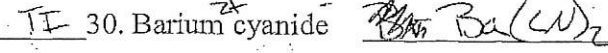
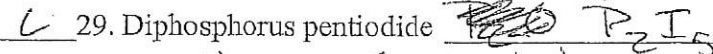
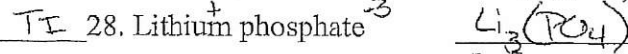
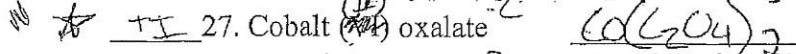
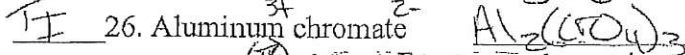
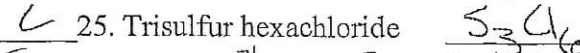
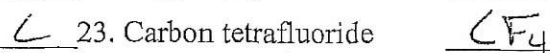
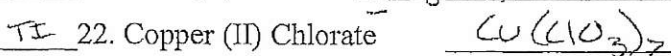
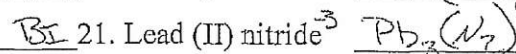
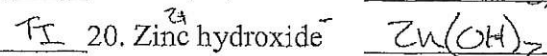
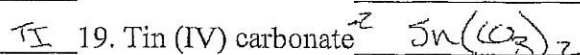
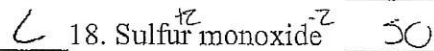
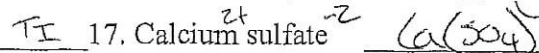
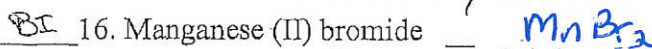
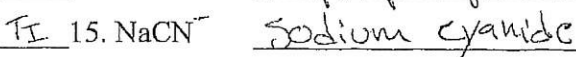
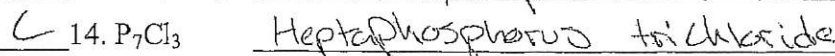
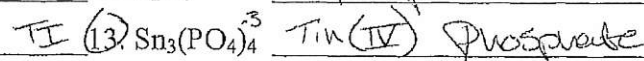
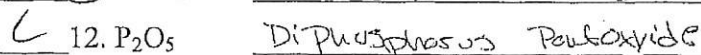
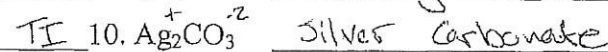
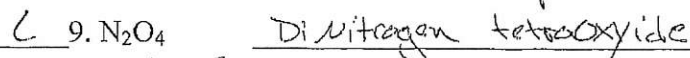
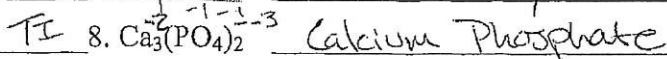
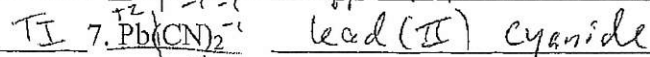
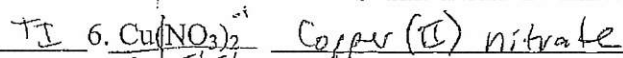
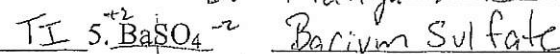
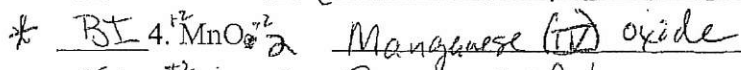
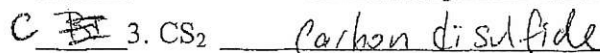
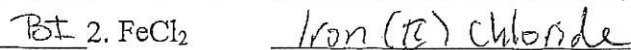
* TI 27. Cobalt (VI) chromate $Co(CrO_4)_3$

* BI 28. Lithium nitride ~~Li_3NO~~ $LiNO_2$

C 29. Trisulfur hexafluoride S_3F_6

TI 30. Aluminum oxalate $Al_2(C_2O_4)_3$

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- Complete the name or balanced formula



Naming Quiz Ionic and Covalent (MAKE-UP)

Name _____ Per _____

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- Complete the name or balanced formula

- BI 1. KI^{-} Potassium Iodide
- TI 2. $Sn(SO_3)^{-2}$ Tin(II) sulfite
- BI 3. Na_3P^{3-} Sodium phosphide
- W 4. N_2O_5 Dinitrogen Pentoxide
- TI 5. $Al(PO_4)^{-3}$ Aluminum Phosphate
- TI 6. $Fe_2(SO_4)^{-2}$ Iron(III) sulfate
- W 7. Se_3N_2 Triselenium dinitride
- W 8. PCl_3 Phosphorus trichloride
- BI 9. $Fe(C_2H_3O_2)^{-2}$ Iron(II) acetate
- TI 10. $CuNO_2$ Copper(I) nitrite
- TI 11. $Cr(C_2O_4)^{-2}$ Chromium(IV) oxalate
- L 12. SBr_4 sulfur tetrabromide
- TI 13. $Mg(OH)_2$ Magnesium Hydroxide
- TI 14. $Ni(CO_3)_2$ Nickel(II) carbonate
- TI 15. $Pb(CrO_4)^{-2}$ Lead(IV) chromate
- BI 16. Lithium chloride¹ LiCl
- TI 17. Potassium¹ hydroxide⁻¹ K(OH)
- L 18. Triphosphorus tetraiodide P_3I_4
- TI 19. Nickel (IV) carbonate⁻² $Ni(CO_3)_2$
- TI 20. Barium⁺² acetate⁻ $Ba(C_2H_3O_2)_2$
- BI 21. Tin (IV)⁺⁴ phosphide⁻³ Sn_3P_4
- TI 22. Chromium (VI) dichromate⁻² $Cr_2(C_2O_7)_3$
- L 23. Disulfur heptoxide S_2O_7
- BI 24. Copper (II) nitride⁻³ Cu_3N_2
- TI 25. Zinc⁺² nitrate⁻ $Zn(NO_3)_2$
- TI 26. Lead (II) chlorite⁻ $Pb(ClO_2)_2$
- L 27. Nitrogen pentoxide NO_5
- TI 28. Aluminum⁺³ sulfate⁻² $Al_2(SO_4)_3$
- TI 29. Cobalt (VI) thiosulfate⁻² $Co(S_2O_3)_3$
- L 30. Disulfur pentabromide S_2Br_5