

HONORS NOMENCLATURE WORKSHEET
Combined acid, ionic and molecular nomenclature

Name: _____
Date: _____ Per: _____

Name the following compounds:

- | | | | |
|------------------------------------|-------|----------------------------------------|-------|
| 1. CaO | _____ | 13. H ₂ SO ₄ | _____ |
| 2. BaCl ₂ | _____ | 14. CuNO ₃ | _____ |
| 3. AgBr | _____ | 15. MnCO ₃ | _____ |
| 4. ZnS | _____ | 16. NaOH | _____ |
| 5. CuS | _____ | 17. Sn(ClO ₃) ₂ | _____ |
| 6. FeCl ₂ | _____ | 18. K ₂ SO ₃ | _____ |
| 7. SnO ₂ | _____ | 19. Ca(NO ₃) ₂ | _____ |
| 8. NO ₂ | _____ | 20. N ₂ O | _____ |
| 9. CCl ₄ | _____ | 21. SF ₆ | _____ |
| 10. As ₂ O ₃ | _____ | 22. ClF ₃ | _____ |
| 11. SiO ₂ | _____ | 23. PCl ₅ | _____ |
| 12. ICl ₅ | _____ | 24. XeF ₄ | _____ |

Write the formulas for the following

- | | | | |
|-----------------------------|-------|-----------------------------|-------|
| 1. chromium(III) oxide | _____ | 13. iron(III) sulfate | _____ |
| 2. aluminum oxide | _____ | 14. tin(IV) chlorate | _____ |
| 3. manganese(VII) oxide | _____ | 15. ammonium sulfide | _____ |
| 4. mercury(II) sulfide | _____ | 16. phosphoric acid | _____ |
| 5. magnesium nitrate | _____ | 17. dinitrogen pentoxide | _____ |
| 6. aluminum phosphate | _____ | 18. dihydrogen sulfide | _____ |
| 7. iron(II) sulfate | _____ | 19. sulfur hexafluoride | _____ |
| 8. lead(II) chromate | _____ | 20. nickel(II) dichromate | _____ |
| 9. manganese(III) hydroxide | _____ | 21. ammonium oxalate | _____ |
| 10. tin(II) phosphate | _____ | 22. copper(II) permanganate | _____ |
| 11. silver sulfate | _____ | 23. gold(III) acetate | _____ |
| 12. copper (I) cyanide | _____ | 24. mercury(I) chlorate | _____ |