

NAME _____

*Naming compounds worksheet
Chemistry II*

INSTRUCTIONS : Write the name for the following compounds. Make sure you use Roman numerals where needed.

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|-----|-----------------------------------|-------|-----|-----------------------------------|-------|
| 1. | Al(OH) ₃ | _____ | 14. | H ₃ PO ₃ | _____ |
| 2. | NH ₄ I | _____ | 15. | Fe ₂ O ₃ | _____ |
| 3. | PCl ₅ | _____ | 16. | CO ₂ | _____ |
| 4. | CuSO ₄ | _____ | 17. | CCl ₄ | _____ |
| 5. | SO ₂ | _____ | 18. | Na ₂ S | _____ |
| 6. | ZnSO ₄ | _____ | 19. | S ₄ N ₄ | _____ |
| 7. | HBr | _____ | 20. | NF ₃ | _____ |
| 8. | Ca(NO ₃) ₂ | _____ | 21. | HI | _____ |
| 9. | N ₂ O ₄ | _____ | 22. | HClO ₃ | _____ |
| 10. | CaCl ₂ | _____ | 23. | Cu(NO ₃) ₂ | _____ |
| 11. | NaF | _____ | 24. | H ₃ PO ₄ | _____ |
| 12. | H ₂ SO ₄ | _____ | 25. | PbO | _____ |
| 13. | AgBr | _____ | | | |

INSTRUCTIONS : Write the formula for the following compounds.

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|-----|---------------------|-------|-----|---------------------------|-------|
| 26. | sodium nitrate | _____ | 39. | perchloric acid | _____ |
| 27. | calcium bromide | _____ | 40. | lead (II) nitrate | _____ |
| 28. | disulfur trioxide | _____ | 41. | phosphorous pentachloride | _____ |
| 29. | ammonium sulfide | _____ | 42. | magnesium oxide | _____ |
| 30. | lead (II) sulfate | _____ | 43. | dinitrogen monoxide | _____ |
| 31. | nitrogen monoxide | _____ | 44. | sodium cyanide | _____ |
| 32. | potassium hydroxide | _____ | 45. | nitrogen trihydride | _____ |
| 33. | silver chloride | _____ | 46. | hydrochloric acid | _____ |
| 34. | potassium nitride | _____ | 47. | phosphoric acid | _____ |
| 35. | sodium iodide | _____ | 48. | Lead (IV) oxide | _____ |
| 36. | ammonium hydroxide | _____ | 49. | hydroiodic acid | _____ |
| 37. | nitrous acid | _____ | 50. | sulfurous acid | _____ |
| 38. | barium sulfate | _____ | | | |