

Chemistry Review: Formula Writing & Nomenclature Name

KEY

Write the formulas or names for the following:

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|--|---|---|--|
| 1. lithium sulfide | <u>Li₂S</u> | 26. carbon dioxide | <u>CO₂</u> |
| 2. beryllium fluoride | <u>BeF₂</u> | 27. oxygen difluoride | <u>OF₂</u> |
| 3. magnesium oxide | <u>MgO</u> | 28. carbon tetrachloride | <u>CCl₄</u> |
| 4. cesium phosphide | <u>Cs₃P</u> | 29. SO ₃ | <u>sulfur trioxide</u> |
| 5. barium bromide | <u>BaBr₂</u> | 30. N ₂ O ₅ | <u>dinitrogen pentoxide</u> |
| 6. BaI ₂ | <u>Barium iodide</u> | 31. C ₁₀ N ₆ | <u>decacarbon hexanitride</u> |
| 7. K ₂ O | <u>potassium oxide</u> | 32. heptooxygen tetrabromide | <u>O₇Br₄</u> |
| 8. Li ₃ P | <u>lithium phosphide</u> | 33. triphosphorus octasulfide | <u>P₃S₈</u> |
| 9. NaBrO ₃ | <u>sodium bromate</u> | 34. nitric acid | <u>HNO₃</u> |
| 10. CaCr ₂ O ₇ | <u>calcium dichromate</u> | 35. dinitrogen monofluoride | <u>N₂F</u> |
| 11. magnesium chlorite ^{ClO₂} | <u>Mg(ClO₂)₂</u> | 36. HCl | <u>hydrochloric acid</u> |
| 12. aluminum sulfide | <u>Al₂S₃</u> | 37. H ₂ SO ₄ | <u>sulfuric acid</u> |
| 13. barium hypochlorite ^{ClO⁻} | <u>Ba(ClO)₂</u> | 38. ammonium nitrate | <u>NH₄NO₃</u> |
| 14. sodium sulfate | <u>Na₂SO₄</u> | 39. KOH | <u>potassium hydroxide</u> |
| 15. ammonium carbonate | <u>(NH₄)₂CO₃</u> | 40. H ₃ PO ₄ | <u>phosphoric acid</u> |
| 16. (NH ₄) ₂ CrO ₄ | <u>ammonium chromate</u> | 41. acetic acid | <u>HC₂H₃O₂</u> |
| 17. Al ₂ (SO ₄) ₃ | <u>aluminum sulfate</u> | 42. carbonic acid | <u>H₂CO₃</u> |
| 18. Be(NO ₃) ₂ | <u>beryllium nitrate</u> | 43. sulfuric acid | <u>H₂SO₄</u> |
| 19. K ₂ CO ₃ | <u>potassium carbonate</u> | 44. copper (II) oxide | <u>CuO</u> |
| 20. Mg(NO ₂) ₂ | <u>magnesium nitrite</u> | 45. iron (III) nitrite | <u>Fe(NO₂)₃</u> |
| 21. iron (II) iodide | <u>FeI₂</u> | 46. tin IV acetate | <u>Sn(C₂H₃O₂)₄</u> |
| 22. lead (II) sulfite ^{SO₃²⁻} | <u>PbSO₃</u> | 47. lead II carbonate | <u>PbCO₃</u> |
| 23. copper (I) sulfide | <u>Cu₂S</u> | 48. tin (II) fluoride | <u>SnF₂</u> |
| 24. Ni ₃ (PO ₄) ₂ | <u>nickel (III) phosphate</u> | 49. sodium bicarbonate ^{HCO₃⁻} | <u>NaHCO₃</u> |
| 25. Cr(OH) ₃ | <u>chromium (III) hydroxide</u> | 50. hydrosulfuric acid
hydrogen sulfide ^{H₂S²⁻} | <u>H₂S</u> |