

Chemistry
Nomenclature Practice Sheet

Name Key
Date _____

I. Write formulas for the following compounds.

1. lithium fluoride LiF
2. calcium oxide CaO
3. barium chloride BaCl₂
4. potassium sulfide K₂S
5. magnesium iodide MgI₂
6. aluminum nitride AlN

7. sodium chloride NaCl
8. cesium bromide CsBr
9. boron nitride BN
10. beryllium iodide BeI₂
11. calcium sulfide CaS₂
12. lithium bromide LiBr

II. Name the following compounds.

13. TiCl₂ Titanium (II) chloride
14. Cr₂O₃ Chromium (III) oxide
15. KI potassium iodide
16. Na₂S Sodium sulfide
17. PbO lead (II) oxide
18. CuBr₂ Copper (II) bromide

19. SnCl₄ tin (IV) chloride
20. CaF₂ calcium fluoride
21. Sb₂O₅ Antimony (V) oxide
22. MgBr₂ magnesium bromide
23. NiBr₂ nickel bromide
24. AlN aluminum nitride

III. Write formulas for the following compounds.

25. dichlorine monoxide Cl₂O
26. iron (III) bromide FeBr₃
27. sulfur hexafluoride SF₆
28. hydrochloric acid HCl
29. chlorine trifluoride ClF₃
30. tin (IV) chloride SnCl₄
31. carbonic acid H₂CO₃
32. manganese (VII) oxide Mn₂O₇

33. carbon disulfide CS₂
34. hydrobromic acid HBr
35. manganese (II) bromide MnBr₂
36. chlorine dioxide ClO₂
37. carbon monoxide CO
38. chromium (III) bromide CrBr₃
39. mercury (I) oxide Hg₂O
40. sulfurous acid H₂SO₃

IV. Name the following compounds.

41. HI hydroiodic acid
42. NO₂ nitrogen dioxide
43. SO₃ sulfur trioxide
44. H₂SO₄ sulfuric acid
45. CO₂ carbon dioxide

46. PCl₃ phosphorus trichloride
47. HNO₃ nitric acid
48. P₂O₅ diphosphorus pentoxide
49. NO nitrogen monoxide
50. HNO₂ nitrous acid