

Prep for Basic Chemistry: Competency 7 Practice

What is the name for each of these compounds?

1. HCl _____

2. SeF₆ _____

3. Si₂Br₆ _____

4. SCl₄ _____

5. B₂Si _____

6. NF₃ _____

7. Na₂CO₃ _____

8. NaOH _____

9. MgBr₂ _____

10. KCl _____

11. FeCl₂ _____

12. Zn(OH)₂ _____

13. Be₂SO₄ _____

14. Al₂S₃ _____

15. Li₃PO₄ _____

16. FeCl₃ _____

17. Mg₃P₂ _____

18. CsNH₄CO₃ _____

19. NH₄OH _____

20. Be(C₂H₃O₂)₂ _____

21. HClO _____

22. (NH₄)₂CO₃ _____

What is the formula for each compound?

23. dinitrogen heptoxide _____

24. dinitrogen trioxide _____

25. aluminum oxide _____

26. disulfur trichloride _____

27. pentaphosphorus hexafluoride _____

28. chloric acid _____

29. chlorous acid _____

30. perfluoric acid _____

31. nitric acid _____

32. phosphoric acid _____

33. acetic acid _____

Acid, base, oxide, or salt?

34. H_2SO_4 _____

35. $(\text{NH}_4)\text{OH}$ _____

36. Cs_2O _____

37. CaS _____

38. HI _____

39. KI _____

40. $\text{HC}_2\text{H}_3\text{O}_2$ _____