

MOLECULAR WORKSHEET 1

Give the formula of the following compounds:

1. sulfur dioxide SO_2

2. arsenic acid phosphate $(\text{AsH}_2\text{PO}_3)_3$

3. lithium hydroxide LiOH

4. sodium sulfate Na_2SO_4

5. carbonic nitrate $\text{C}_2\text{N}_2\text{O}_3$

6. hydrogen peroxide H_2O_2

7. sulfur dioxide SO_2

8. iron(II) chloride FeCl_2

9. carbon tetrachloride CCl_4

10. cobalt(II) chloride CoCl_2

11. diphosphorus pentoxide P_2O_5

12. cobalt(II) sulfate CoSO_4

13. phosphorus pentachloride PCl_5

14. copper(II) sulfate CuSO_4

15. mercury(II) chloride HgCl_2

16. silver iodide AgI

17. carbon dioxide CO_2

18. phosphorus pentachloride PCl_5

19. diphosphorus pentoxide P_2O_5

20. gold(III) chloride AuCl_3

21. arsenic(III) fluoride AsF_3

22. iron(II) fluoride FeF_2

23. water H_2O

24. calcium sulfate CaSO_4

25. sodium sulfate Na_2SO_4

26. potassium nitrate KNO_3

27. zinc sulfate ZnSO_4

28. cobalt(II) hydrogen sulfate

CoH_2SO_4

29. nitrogen monoxide NO

30. carbon monoxide CO

31. copper(II) bromide CuBr_2

32. mercury(II) fluoride HgF_2

33. carbon dioxide CO_2

34. aluminum acetate $\text{Al}(\text{CH}_3\text{COO})_3$

35. sodium hypochlorite NaClO

36. barium hypochlorite $\text{Ba}(\text{ClO})_2$

37. iron Fe

38. nitrogen dioxide NO_2

39. sodium fluoride NaF

40. magnesium fluoride MgF_2

41. boron trifluoride BF_3

42. iron(III) chloride FeCl_3

43. chromium sulfate $\text{Cr}_2(\text{SO}_4)_3$

44. boron trifluoride BF_3

45. sodium chloride NaCl

46. calcium hydroxide $\text{Ca}(\text{OH})_2$

47. calcium hydroxide $\text{Ca}(\text{OH})_2$

48. calcium sulfate CaSO_4