

# Formulas and Nomenclature

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Name the following compounds:

1. KOH \_\_\_\_\_

2. HgOH \_\_\_\_\_

3. KCl \_\_\_\_\_

4. FeCl<sub>3</sub> \_\_\_\_\_

5. NH<sub>4</sub>OH \_\_\_\_\_

6. Cu<sub>2</sub>O \_\_\_\_\_

7. Al<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub> \_\_\_\_\_

8. NaOH \_\_\_\_\_

9. Pb(OH)<sub>2</sub> \_\_\_\_\_

10. NH<sub>4</sub>NO<sub>3</sub> \_\_\_\_\_

11. NaHCO<sub>3</sub> \_\_\_\_\_

12. HgO \_\_\_\_\_

13. Zn(NO<sub>2</sub>)<sub>2</sub> \_\_\_\_\_

14. CsOH \_\_\_\_\_

15. Li<sub>2</sub>O \_\_\_\_\_

16. Ca(OH)<sub>2</sub> \_\_\_\_\_

17. CaBr<sub>2</sub> \_\_\_\_\_

18. Fe<sub>2</sub>O<sub>3</sub> \_\_\_\_\_

19. FeCO<sub>3</sub> \_\_\_\_\_

20. Ba(BrO<sub>3</sub>)<sub>2</sub> \_\_\_\_\_

21. Al(OH)<sub>3</sub> \_\_\_\_\_

22. NaC<sub>2</sub>H<sub>3</sub>O<sub>2</sub> \_\_\_\_\_

23. Na<sub>2</sub>SO<sub>3</sub> \_\_\_\_\_

24. NH<sub>4</sub>IO<sub>3</sub> \_\_\_\_\_

25. LiH \_\_\_\_\_

26. Ba(OH)<sub>2</sub> \_\_\_\_\_

27.  $\text{PbS}$  \_\_\_\_\_

35.  $\text{NaF}$  \_\_\_\_\_

28.  $\text{NaPO}_4$  \_\_\_\_\_

36.  $\text{SmCl}_3$  \_\_\_\_\_

29.  $\text{NH}_4\text{C}_2\text{H}_3\text{O}_2$  \_\_\_\_\_

37.  $\text{K}_2\text{S}_5$  \_\_\_\_\_

30.  $\text{Ag}_3\text{N}$  \_\_\_\_\_

38.  $\text{PtCl}_2$  \_\_\_\_\_

31.  $\text{SiI}_4$  \_\_\_\_\_

39.  $\text{PtI}_4$  \_\_\_\_\_

32.  $\text{ZnCO}_3$  \_\_\_\_\_

40.  $\text{MoCl}_5$  \_\_\_\_\_

33.  $\text{SnI}_4$  \_\_\_\_\_

41.  $\text{La}(\text{NO}_3)_3$  \_\_\_\_\_

34.  $\text{Pb}(\text{NO}_3)_2$  \_\_\_\_\_

**Write the correct formula for each of the following compounds:**

1. Sodium hydroxide
2. Sodium bromide
3. barium hydroxide
4. calcium oxide
5. lithium sulfate