

Worksheet – Polyatomic/Radicals – I

I: Name the compounds given below

1. HNO_3 Hydrogen nitrate
2. KClO_3 Potassium chlorate
3. Mg(OH)_2 Magnesium hydroxide
4. $\text{Al(NO}_3)_3$ Aluminum nitrate
5. Li_2SO_4 Lithium sulphate
6. Na_2CO_3 Sodium carbonate
7. AlPO_4 Aluminum phosphate
8. $\text{Ca(C}_2\text{H}_3\text{O}_2)_2$ Calcium acetate
9. $(\text{NH}_4)_2\text{SO}_4$ Ammonium sulphate
10. ZnCO_3 Zinc carbonate
11. NH_4OH Ammonium hydroxide
12. $\text{Si}_3(\text{PO}_4)_4$ Silicon phosphate
13. HClO_3 Hydrogen chlorate
14. NaOH Sodium hydroxide
15. $\text{Al}_2(\text{SO}_4)_3$ Aluminum sulphate
16. $\text{Mg(NO}_3)_2$ Magnesium nitrate
17. NH_4ClO_3 Ammonium chlorate
18. Na_2SO_4 Sodium sulphate
19. CaCO_3 Calcium carbonate
20. $\text{B(NO}_3)_3$ Boron nitrate
21. $(\text{NH}_4)_2\text{CO}_3$ Ammonium carbonate
22. Li_3PO_4 Lithium phosphate
23. AgNO_3 Silver nitrate
24. KMnO_4 Potassium permanganate
25. Ba(OH)_2 Barium hydroxide
26. K_2SO_4 Potassium sulphate
27. H_2SO_4 Hydrogen sulphate
28. $\text{NaC}_2\text{H}_3\text{O}_2$ Sodium acetate
29. $\text{Zn(ClO}_3)_2$ Zinc chlorate
30. Ca(OH)_2 Calcium hydroxide

II: Give the formula for:

1. calcium hydroxide Ca(OH)_2
2. zinc chlorate $\text{Zn(ClO}_3)_2$
3. sodium acetate $\text{NaC}_2\text{H}_3\text{O}_2$
4. hydrogen sulphate H_2SO_4
5. potassium sulphate K_2SO_4
6. barium hydroxide Ba(OH)_2
7. potassium permanganate KMnO_4
8. silver nitrate AgNO_3
9. lithium phosphate Li_3PO_4
10. ammonium carbonate $(\text{NH}_4)_2\text{CO}_3$
11. boron nitrate $\text{B(NO}_3)_3$
12. calcium carbonate CaCO_3
13. sodium sulphate Na_2SO_4
14. ammonium chlorate NH_4ClO_3
15. magnesium nitrate $\text{Mg(NO}_3)_2$
16. aluminum sulphate $\text{Al}_2(\text{SO}_4)_3$
17. sodium hydroxide NaOH
18. hydrogen chlorate HClO_3
19. silicon phosphate $\text{Si}_3(\text{PO}_4)_4$
20. ammonium hydroxide NH_4OH
21. ammonium sulphate $(\text{NH}_4)_2\text{SO}_4$
22. zinc carbonate ZnCO_3
23. calcium acetate $\text{Ca(C}_2\text{H}_3\text{O}_2)_2$
24. aluminum phosphate AlPO_4
25. sodium carbonate Na_2CO_3
26. lithium sulphate Li_2SO_4
27. aluminum nitrate $\text{Al(NO}_3)_3$
28. magnesium hydroxide Mg(OH)_2
29. potassium chlorate KClO_3
30. hydrogen nitrate HNO_3