

BALANCING CHEMICAL EQUATIONS PRACTICE

1. $\text{H}_2 + \text{O} \rightarrow \text{H}_2\text{O}$
2. $\text{H}_2 + \text{N}_2 \rightarrow \text{NH}_3$
3. $\text{Fe} + \text{Cl}_2 \rightarrow \text{Fe}_2\text{Cl}_3$
4. $\text{Fe} + \text{O}_2 \rightarrow \text{Fe}_2\text{O}_3$
5. $\text{Al}_2\text{O}_3 \rightarrow \text{Al} + \text{O}_2$
6. $\text{KClO}_3 \rightarrow \text{KCl} + \text{O}_2$
7. $\text{S}_8 + \text{O}_2 \rightarrow \text{SO}_2$
8. $\text{FeBr}_3 + \text{H}_2\text{SO}_4 \rightarrow \text{Fe}_2(\text{SO}_4)_3 + \text{HBr}$
9. $\text{C}_2\text{H}_6 + \text{O}_2 \rightarrow \text{CO}_2 + \text{H}_2\text{O}$
10. $\text{C}_4\text{H}_6\text{O}_3 + \text{H}_2\text{O} \rightarrow \text{C}_2\text{H}_4\text{O}_2$
11. $\text{C}_2\text{H}_4 + \text{O}_2 \rightarrow \text{CO}_2 + \text{H}_2\text{O}$
12. $\text{Al}_2(\text{SO}_4)_3 + \text{Ca}(\text{OH})_2 \rightarrow \text{Al}(\text{OH})_3 + \text{CaSO}_4$
13. $\text{P}_4 + \text{O}_2 \rightarrow \text{P}_2\text{O}_5$
14. $\text{Ag} + \text{S}_8 \rightarrow \text{Ag}_2\text{S}$
15. $\text{Al} + \text{Br}_2 \rightarrow \text{AlBr}_3$
16. $\text{Cr} + \text{O}_2 \rightarrow \text{Cr}_2\text{O}_3$
17. $\text{NaClO}_3 \rightarrow \text{NaCl} + \text{O}_2$
18. $\text{AlBr}_3 + \text{Cl}_2 \rightarrow \text{AlCl}_3 + \text{Br}_2$
19. $\text{C}_4\text{H}_{10}\text{O} + \text{O}_2 \rightarrow \text{CO}_2 + \text{H}_2\text{O}$
20. $\text{C}_7\text{H}_{16} + \text{O}_2 \rightarrow \text{CO}_2 + \text{H}_2\text{O}$
21. $\text{Na} + \text{H}_2\text{O} \rightarrow \text{NaOH} + \text{H}_2$
22. $\text{AlI}_3 + \text{HgCl}_2 \rightarrow \text{AlCl}_3 + \text{HgI}_2$
23. $\text{Ca}(\text{OH})_2 + \text{H}_3\text{PO}_4 \rightarrow \text{Ca}_3(\text{PO}_4)_2 + \text{H}_2\text{O}$
24. $\text{H}_2\text{SiCl}_2 + \text{H}_2\text{O} \rightarrow \text{H}_8\text{Si}_4\text{O}_4 + \text{HCl}$
25. $\text{HSiCl}_3 + \text{H}_2\text{O} \rightarrow \text{H}_{10}\text{Si}_{10}\text{O}_{15} + \text{HCl}$
26. $\text{AgNO}_3 + \text{K}_3\text{PO}_4 \rightarrow \text{Ag}_3\text{PO}_4 + \text{KNO}_3$
27. $\text{C}_7\text{H}_9 + \text{HNO}_3 \rightarrow \text{C}_7\text{H}_6(\text{NO}_2)_3 + \text{H}_2\text{O}$
28. $\text{C}_5\text{H}_8\text{O}_2 + \text{NaH} + \text{HCl} \rightarrow \text{C}_5\text{H}_{12}\text{O}_2 + \text{NaCl}$