Balancing Equations Practice

1. \_\_\_\_\_\_\_ Fe + \_\_\_\_\_ S → \_\_\_\_\_ FeS

2. \_\_\_\_\_\_\_ H2 + \_\_\_\_\_ Cl2 → \_\_\_\_\_ HCl

3. \_\_\_\_\_\_\_ Mg + \_\_\_\_\_ O2 → \_\_\_\_\_ MgO

4. \_\_\_\_\_\_\_ O2 + \_\_\_\_\_ H2 → \_\_\_\_\_ H2O

5. \_\_\_\_\_\_\_ HgO → \_\_\_\_\_ Hg + \_\_\_\_\_ O2

6. \_\_\_\_\_\_\_ Ca + \_\_\_\_\_ H2O → \_\_\_\_\_ Ca(OH)2 + \_\_\_\_\_ H2

7. \_\_\_\_\_\_\_ CH4 + \_\_\_\_\_ O2  → \_\_\_\_\_ CO2  + \_\_\_\_\_ H20

8. \_\_\_\_\_\_\_Na2O2 + \_\_\_\_\_H2SO4 → \_\_\_\_\_Na2SO4 + \_\_\_\_\_H2O2

9. \_\_\_\_\_\_\_ N2 + \_\_\_\_\_ H2 → \_\_\_\_\_ NH3

10. \_\_\_\_\_\_\_ Al + \_\_\_\_\_ O2 → \_\_\_\_\_ Al2O3

11. \_\_\_\_\_\_\_ KMnO4 → \_\_\_\_\_ K2O + \_\_\_\_\_ MnO + \_\_\_\_\_ O2

12. \_\_\_\_\_\_\_H2 + \_\_\_\_\_\_\_O2 🡪 \_\_\_\_\_\_\_\_H2O

13. \_\_\_\_\_\_\_H3PO4 + \_\_\_\_\_\_\_KOH 🡪 \_\_\_\_\_\_\_K3PO4 + \_\_\_\_\_\_\_\_H2O

14. \_\_\_\_\_\_\_K + \_\_\_\_\_\_\_\_B2O3 🡪 \_\_\_\_\_\_\_\_\_K2O +\_\_\_\_\_\_\_\_\_\_ B

15. \_\_\_\_\_\_\_HCl + \_\_\_\_\_\_\_\_\_NaOH 🡪 \_\_\_\_\_\_\_\_\_NaCl + \_\_\_\_\_\_\_\_\_ H2O

16. \_\_\_\_\_\_\_\_\_Na + \_\_\_\_\_\_\_\_\_NaNO3 🡪 \_\_\_\_\_\_\_\_\_Na2O + \_\_\_\_\_\_\_\_\_\_\_N2

17. \_\_\_\_\_\_\_\_\_C + \_\_\_\_\_\_\_\_\_\_S8 🡪 \_\_\_\_\_\_\_\_\_\_CS2

18. \_\_\_\_\_\_\_\_\_Na + \_\_\_\_\_\_\_\_\_O2 🡪 \_\_\_\_\_\_\_\_\_\_\_Na2O2

19. \_\_\_\_\_\_\_\_\_\_N2 + \_\_\_\_\_\_\_\_O2 🡪 \_\_\_\_\_\_\_\_N2O5

20. \_\_\_\_\_\_\_\_H3PO4 + \_\_\_\_\_\_\_\_Mg(OH)2 🡪 \_\_\_\_\_\_\_Mg3(PO4)2 + \_\_\_\_\_\_\_\_\_H2O

21. \_\_\_\_\_\_\_\_NaOH + \_\_\_\_\_\_\_\_H2CO3 🡪 \_\_\_\_\_\_\_\_\_Na2CO3 + \_\_\_\_\_\_\_\_\_H2O

22. \_\_\_\_\_\_\_\_\_\_KOH + \_\_\_\_\_\_\_\_HBr 🡪 \_\_\_\_\_\_\_\_\_\_KBr + \_\_\_\_\_\_\_\_H2O

23. \_\_\_\_\_\_\_\_Na + \_\_\_\_\_\_\_\_\_\_O2 🡪\_\_\_\_\_\_\_\_Na2O

24. \_\_\_\_\_\_\_Al(OH)3 + \_\_\_\_\_\_\_\_\_H2CO3 🡪 \_\_\_\_\_\_\_Al2(CO3)3 + \_\_\_\_\_ H2O