BALANCING CHEMICAL EQUATIONS

Name _____

Rewrite and balance the equations below.

1. $N_2 + H_2 \rightarrow NH_3$ _____

2. $KClO_3 \rightarrow KCl + O_2$ _____

3. $NaCl + F_2 \rightarrow NaF + Cl_2$ _____

4. $H_2 + O_2 \rightarrow H_2O$ _____

5. $AgNO_3 + MgCl_2 \rightarrow AgCl + Mg(NO_3)_2$ _____

6. $AlBr_3 + K_2SO_4 \rightarrow KBr + Al_2(SO_4)_3$ _____

7. $CH_4 + O_2 \rightarrow CO_2 + H_2O$ _____

8. $C_3H_8 + O_2 \rightarrow CO_2 + H_2O$ _____

9. $C_8H_{18} + O_2 \rightarrow 1O_2 + H_2O$ _____

10. $FeCl_3 + NaOH \rightarrow Fe(OH)_3 + NaCl$ _____

11. $P + O_2 \rightarrow P_2O_5$ _____

12. $Na + H_2O \rightarrow NaOH + H_2$ _____

13. $Ag_2O \rightarrow Ag + O_2$ _____

14. $S_8 + O_2 \rightarrow SO_3$ _____

15. $CO_2 + H_20 \rightarrow C_6H_{12}O_6 + O_2$ _____

16. $K + MgBr_2 \rightarrow KBr + Mg$ _____

17. $HCl + CaCO_3 \rightarrow CaCl_2 + H_2O + CO_2$ _____

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