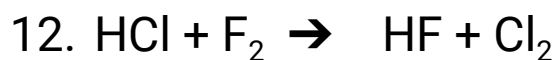
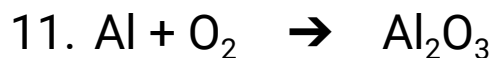
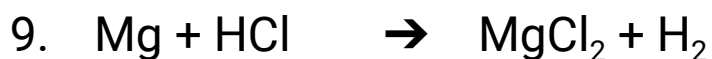
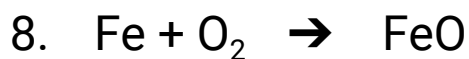
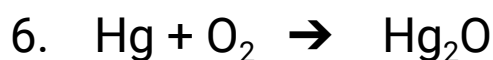
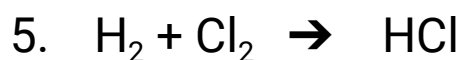
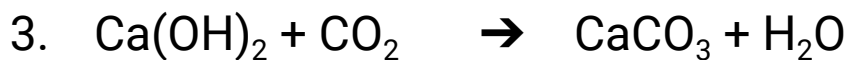


**Balanced each equation showing all your work:**



**Write the Final Balanced Equations for these Chemical Reactions:**

1.  $\text{NaHCO}_3 + \text{H}_2\text{SO}_4 \rightarrow \text{CO}_2 + \text{Na}_2\text{SO}_4 + \text{H}_2\text{O}$
2.  $\text{BH}_3 + \text{O}_2 \rightarrow \text{B}_2\text{O}_3 + \text{H}_2\text{O}$
3.  $\text{CH}_4 + \text{O}_2 \rightarrow \text{CO}_2 + \text{H}_2\text{O}$
4.  $\text{AlBr}_3 \rightarrow \text{Al} + \text{Br}_2$
5.  $\text{Fe}_2\text{O}_3 + \text{C} \rightarrow \text{Fe} + \text{CO}$
6.  $\text{Al}_2\text{O}_3 + \text{H}_2 \rightarrow \text{Al} + \text{H}_2\text{O}$
7.  $\text{P} + \text{O}_2 \rightarrow \text{P}_2\text{O}_5$
8.  $\text{Fe}(\text{NO}_3)_3 + \text{K}_2\text{CrO}_4 \rightarrow \text{Fe}_2(\text{CrO}_4)_3 + \text{KNO}_3$
9.  $\text{Zn} + \text{HCl} \rightarrow \text{ZnCl}_2 + \text{H}_2$
10.  $\text{NH}_3 + \text{O}_2 \rightarrow \text{NO}_2 + \text{H}_2\text{O}$
11.  $\text{NH}_4\text{OH} + \text{H}_3\text{PO}_4 \rightarrow (\text{NH}_4)_3\text{PO}_4 + \text{H}_2\text{O}$
12.  $\text{MnO}_2 + \text{HCl} \rightarrow \text{MnCl}_2 + \text{Cl}_2 + \text{H}_2\text{O}$
13.  $\text{Al} + \text{HCl} \rightarrow \text{AlCl}_3 + \text{H}_2$
14.  $\text{CO} + \text{I}_2\text{O}_5 \rightarrow \text{CO}_2 + \text{I}_2$
15.  $\text{Mg} + \text{N}_2 \rightarrow \text{Mg}_3\text{N}_2$

**Write the Final Balanced Equations for these chemical reactions:**

1. Zinc plus hydrogen chloride yields zinc chloride plus hydrogen

2. Hydrogen plus chlorine yields hydrogen chloride

3. Aluminum plus hydrogen sulphate yields aluminum sulphate plus hydrogen

4. Calcium nitrate plus hydrogen chloride yields hydrogen nitrate plus calcium chloride

5. Iron plus oxygen yields Iron (II) oxide

6. Chromium plus copper (II) sulphate yields chromium (III) sulphate plus copper

7. Copper (II) oxide plus hydrogen chloride yields copper (II) chloride plus water

8. Sodium plus hydrogen chloride yields sodium chloride plus hydrogen

9. Hydrogen plus oxygen yields water

10. Magnesium plus oxygen yields magnesium oxide

11. Aluminum oxide plus hydrogen chloride yields  
aluminum chloride plus water

12. Iron plus oxygen yields Iron (III) oxide

13. Sodium carbonate plus hydrogen chloride yields  
sodium chloride plus carbon dioxide plus water

14. Calcium plus water yields calcium hydroxide plus  
hydrogen

15. Calcium oxide plus water yields calcium hydroxide