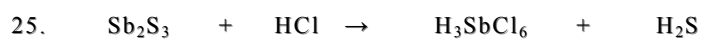
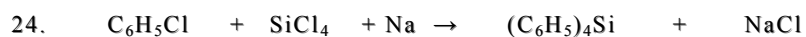
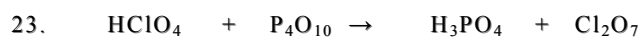
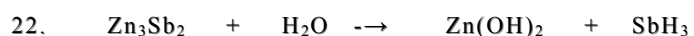
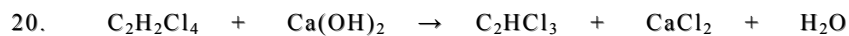
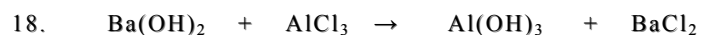
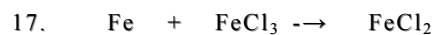
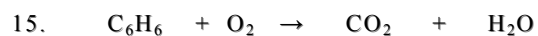
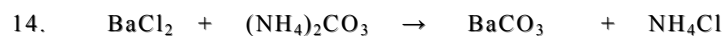
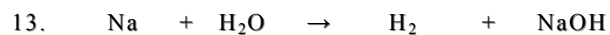
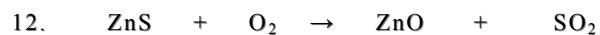
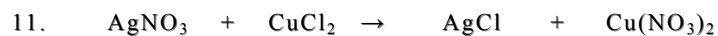
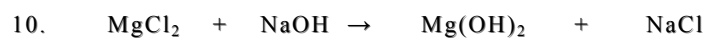
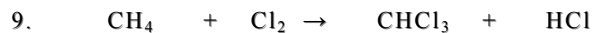
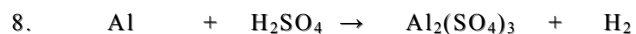
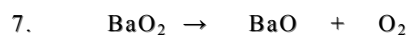
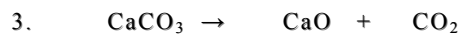


# BALANCING EQUATIONS

## Balance the following equations: Formulas Given



# BALANCING EQUATIONS

## Balance the following equations: Names Given

1. Potassium reacts with water yielding potassium hydroxide and hydrogen
2. Chlorine reacts with potassium bromide yielding potassium chloride and bromine
3. Zinc + hydrogen chloride yields zinc chloride and hydrogen
4. iron + water  $\rightarrow$   $\text{Fe}_3\text{O}_4$  + hydrogen
5. zinc sulfide + oxygen  $\rightarrow$  . zinc oxide + sulfur dioxide
6.  $\text{C}_{10}\text{H}_{16}$  +  $\text{Cl}_2$   $\rightarrow$  C + HCl
7. Aluminum + sodium hydroxide  $\rightarrow$   $\text{Na}_3\text{AlO}_3$  + hydrogen
8.  $\text{C}_2\text{H}_2$  +  $\text{O}_2$   $\rightarrow$   $\text{CO}_2$  +  $\text{H}_2\text{O}$
9. Ammonia + oxygen  $\rightarrow$  nitrogen monoxide + water
10. Phosphorus + iron(III) oxide  $\rightarrow$  tetra-phosphorus decoxide + iron
11. Cupric sulfide + oxygen  $\rightarrow$  copper(I) oxide + sulfur dioxide
12. sodium bicarbonate + hydrogen sulfate  $\rightarrow$  sodium sulfate + water + carbon dioxide
13. Sodium carbonate + silver nitrate  $\rightarrow$  sodium nitrate + silver carbonate
14. Calcium + oxygen  $\rightarrow$  calcium oxide

## BALANCING EQUATIONS

15. Zinc + ferric oxide  $\rightarrow$  zinc oxide + iron
16. Magnesium bromide + chlorine  $\rightarrow$  magnesium chloride + bromine
17. Sodium + water  $\rightarrow$  sodium hydroxide + hydrogen
18. Potassium nitrate  $\rightarrow$  potassium nitrite + oxygen
19. Calcium oxide + hydrochloric acid  $\rightarrow$  calcium chloride + water
20. Magnesium + oxygen  $\rightarrow$  magnesium oxide
21. Iron + oxygen  $\rightarrow$  iron(II) oxide
22. Water + dinitrogen trioxide  $\rightarrow$  nitrous acid
23. Sodium oxide + water  $\rightarrow$  sodium hydroxide
24. Iron(III) oxide + carbon monoxide  $\rightarrow$  iron + carbon dioxide
25. Methane (CH<sub>4</sub>) + oxygen  $\rightarrow$  carbon dioxide + water