

BALANCING WORD EQUATIONS

Name _____ Section _____

1. Lithium carbonate reacts with hydrochloric acid (HCl) to produce water, carbon dioxide and lithium chloride.
2. Sodium sulfide will react with magnesium iodide to produce sodium iodide and magnesium sulfide.
3. Ethanol ($\text{CH}_3\text{CH}_2\text{OH}$ or $\text{C}_2\text{H}_5\text{OH}$) will burn in oxygen to produce water and carbon dioxide.
4. Hydrogen and oxygen can be burned, under certain conditions, to form hydrogen peroxide (officially called dihydrogen dioxide).
5. Calcium chloride can react with water to produce hydrogen chloride and calcium oxide.
6. Aluminum nitrate can react with potassium fluoride to produce potassium nitrate and aluminum fluoride.
7. Silicon and oxygen can react to form disiliconhexaoxide.
8. Ammonium chloride will react with calcium hydroxide to form calcium chloride and ammonium hydroxide.
9. Iron(II) bromide can react with water to produce iron(II)oxide and hydrogen bromide.
10. Silver metal can react with hydrochloric acid (HCl) to form silver chloride and hydrogen gas.