

## CHEMISTRY BALANCING PRACTICE #2

Balance and classify each equation.

---

- 1) sodium nitrate + potassium sulfate  $\rightarrow$
- 2) zinc + phosphoric acid  $\rightarrow$
- 3) methane ( $\text{CH}_4$ ) + oxygen  $\rightarrow$  (*complete* combustion)
- 4) carbonic acid  $\rightarrow$  carbon dioxide and water
- 5)  $\text{HNO}_2 + \text{Al}(\text{OH})_3 \rightarrow$
- 6) ammonium hydroxide + sulfuric acid  $\rightarrow$
- 7) lithium oxide + water  $\rightarrow$  lithium hydroxide
- 8) phosphorus trichloride + chlorine  $\rightarrow$  phosphorus pentachloride
- 9)  $\text{C}_2\text{H}_4 + \text{O}_2 \rightarrow$  (*incomplete* combustion)
- 10) sodium nitride + hydrochloric acid  $\rightarrow$