

## BALANCING PRACTICE #1

- Write balanced equations for the following word equations.
- Classify all equations.

1. potassium chloride + silver nitrate  $\rightarrow$  potassium nitrate + silver chloride
2. aluminum hydroxide + sodium nitrate  $\rightarrow$  aluminum nitrate + sodium hydroxide
3. iron metal + copper(II) sulfate  $\rightarrow$  iron(II) sulfate + copper metal
4. aluminum metal + copper(II) chloride  $\rightarrow$  aluminum chloride + copper metal
5. sodium chlorate  $\rightarrow$  sodium chloride + oxygen gas
6. calcium carbonate  $\rightarrow$  calcium oxide + carbon dioxide gas
7. zinc metal + oxygen gas  $\rightarrow$  zinc oxide
8. chlorine gas + sodium metal  $\rightarrow$  sodium chloride
9. aluminum sulfate + barium chloride  $\rightarrow$  aluminum chloride + barium sulfate
10. beryllium fluoride + magnesium  $\rightarrow$  magnesium fluoride + beryllium