

## Predicting Products

Name: \_\_\_\_\_

Identify each of the following reactions by writing the name of the reaction on the line to the left of the chemical reaction. Complete the reaction on the line to the right. Be sure to balance the equation.

- | Reaction Type | Reaction                          |            |
|---------------|-----------------------------------|------------|
| 1) _____      | _____ $C_6H_6$ + _____ $O_2$      | ---> _____ |
| 2) _____      | _____ $Zn$ + _____ $H_2SO_4$      | ---> _____ |
| 3) _____      | _____ $Pb(NO_3)_2$ + _____ $KBr$  | ---> _____ |
| 4) _____      | _____ $Mg_3N_2$                   | ---> _____ |
| 5) _____      | _____ $Br_2$ + _____ $FeI_3$      | ---> _____ |
| 6) _____      | _____ $CaCl_2$ + _____ $Na_3PO_4$ | ---> _____ |
| 7) _____      | _____ $Li_2SO_4$ + _____ $BaCl_2$ | ---> _____ |
| 8) _____      | _____ $Ca$ + _____ $O_2$          | ---> _____ |
| 9) _____      | _____ $Zn$ + _____ $CuCl_2$       | ---> _____ |
| 10) _____     | _____ $Pb(NO_3)_2$ + _____ $NaCl$ | ---> _____ |
| 11) _____     | _____ $C_4H_8$ + _____ $O_2$      | ---> _____ |
| 12) _____     | _____ $Na$ + _____ $FeSO_4$       | ---> _____ |
| 13) _____     | _____ $C_5H_{12}$ + _____ $O_2$   | ---> _____ |
| 14) _____     | _____ $Pb(NO_3)_2$ + _____ $Al$   | ---> _____ |

