Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_\_\_\_ #\_\_\_\_\_\_\_\_

# Predicting Products Practice

For each of the following reactant sets, **tell what type** of reaction will occur and then **predict the products**.

1. Ca + S → \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Au + HCl → \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. H2O2 → \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Ag2SO4 + AlCl3 → \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. C4H8 + O2 → \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. C8H18 + O2 → \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Mg + O2 → \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Zn + AgNO3 → \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. HCl + Ca(OH)2  → \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10. NaOH + Fe(NO3)3 → \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_