

Worksheet 9D -- Chemistry  
Ch 9 Chemical Reactions  
Single Replacement Reactions

Name \_\_\_\_\_  
Period \_\_\_\_\_

**Directions:** Complete the word equations when necessary. Consult the *Activity Series* on your white sheet to determine if the reaction occurs. If the reaction does not occur write N.R. (no reaction) as the product. Then write a complete and balanced equation for each reaction which will occur.

1. iron plus copper (II) chloride yields copper plus iron (II) chloride
2. silver nitrate plus copper yields silver plus copper (II) nitrate
3. silver plus hydrogen chloride
4. magnesium plus hydrogen chloride
5. magnesium bromide plus chlorine yields magnesium chloride plus bromine
6. calcium plus hydrogen sulfate
7. nickel plus iron (II) sulfide yields
8. zinc plus silver chloride
9. zinc plus sodium chloride
10. calcium chloride plus iodine