

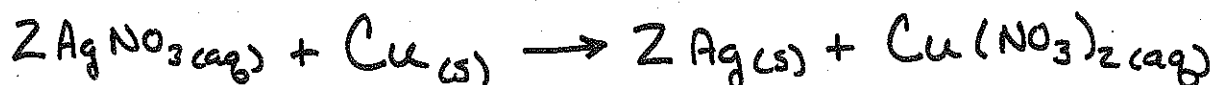
## Single Replacement Reactions

**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.

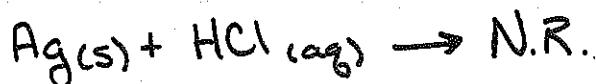
1. iron plus copper (II) chloride yields copper plus iron (II) chloride



2. silver nitrate plus copper yields silver plus copper (II) nitrate



3. silver plus hydrogen chloride yields N.R.



4. magnesium plus hydrogen chloride yields hydrogen gas and magnesium chloride



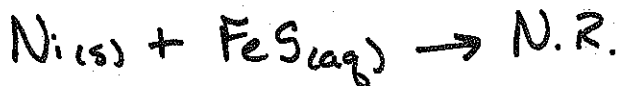
5. magnesium bromide plus chlorine yields magnesium chloride plus bromine



6. calcium plus hydrogen sulfate yields calcium sulfate and hydrogen gas



7. nickel plus iron (II) sulfide yields N.R.



8. zinc plus silver chloride yields zinc chloride and silver



9. zinc plus sodium chloride yields N.R.



10. calcium chloride plus iodine yields N.R.

