

Double Replacement Reactions

Directions: Complete the word equations. Consult the *solubility table* on your white sheet to determine if the reaction occurs. Write a complete and balanced equation for each reaction which will occur. If no precipitate forms write N.R. (no reaction). Be sure to include states!

1. silver nitrate plus potassium chloride
2. sodium chloride plus magnesium nitrate
3. iron (III) sulfate plus ammonium sulfide
4. hydrogen sulfate plus strontium chloride
5. barium chloride plus sodium hydroxide
6. barium nitrate plus potassium sulfate
7. magnesium carbonate plus hydrogen sulfate
8. potassium chloride plus lead (II) nitrate
9. nickel (II) sulfide plus hydrogen chloride
10. calcium hydroxide plus hydrogen nitrate