

## Chemical reactions quiz 1

- 3) Write the balanced chemical equation for the dissolving of aluminum nitrate in water.

Write balanced net ionic equations for the reactions in questions 4 through 11.

- 4) Aqueous solutions of potassium chloride and silver nitrate are mixed.
- 5) A solution of lead (II) nitrate is added to a solution of sodium iodide.
- 6) A sodium hydroxide solution is mixed with an aluminum nitrate solution.
- 7) A solution of potassium carbonate is mixed with a solution of calcium nitrate.
- 8) Aqueous solutions of sodium sulfate and strontium nitrate are mixed.
- 9) A solution of iron (II) nitrate is poured into a potassium sulfide solution.
- 10) Solutions of silver nitrate and sodium sulfide are combined.
- 11) Solutions of ammonium chloride and lead (II) nitrate are mixed.