

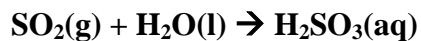
# Chemical Equation Worksheet

Write, complete, and balance the following equations using phase notation.

- 1) sulfur dioxide + water →
- 2) ammonium nitrite →
- 3) lead(II) nitrate + potassium sulfide →
- 4) barium oxide + water →
- 5) potassium chlorate →
- 6) chlorine + lithium iodide →
- 7) ammonium sulfate + calcium hydroxide →
- 8) copper + silver nitrate →
- 9) bromine + calcium iodide →
- 10) calcium carbonate →
- 11) lead(II) acetate + hydrogen sulfide →
- 12) iron(III) oxide + carbon monoxide →
- 13) aluminum bromide + chlorine →
- 14) magnesium carbonate →
- 15) iron(III) chloride + sodium hydroxide →

## Solutions

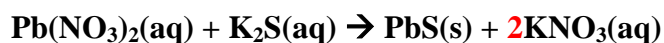
- 1) sulfur dioxide + water → sulfurous acid



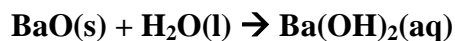
- 2) ammonium nitrite → nitrogen + water



- 3) lead(II) nitrate + potassium sulfide → lead(II) sulfide + potassium nitrate



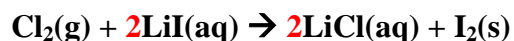
- 4) barium oxide + water → barium hydroxide



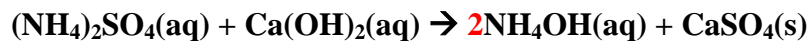
- 5) potassium chlorate → potassium chloride + oxygen



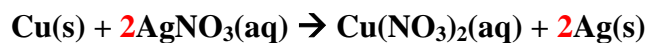
- 6) chlorine + lithium iodide → lithium chloride + iodine



- 7) ammonium sulfate + calcium hydroxide → ammonium hydroxide + calcium sulfate



- 8) copper + silver nitrate → copper(II) nitrate + silver



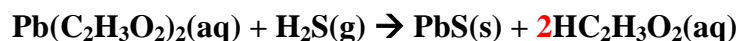
9) bromine + calcium iodide → calcium bromide + iodine



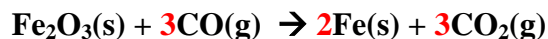
10) calcium carbonate → calcium oxide + carbon dioxide



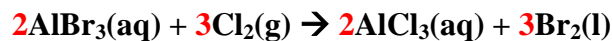
11) lead(II) acetate + hydrogen sulfide → lead(II) sulfide + acetic acid



12) iron(III) oxide + carbon monoxide → iron + carbon dioxide



13) aluminum bromide + chlorine → aluminum chloride + bromine



14) magnesium carbonate → magnesium oxide + carbon dioxide



15) iron(III) chloride + sodium hydroxide → iron(III) hydroxide + sodium chloride

