

### Worksheet #3: Decomposition Reactions

In decomposition reactions, one compound will break down into two or more parts.

1. barium carbonate →

2. magnesium carbonate →

3. potassium carbonate →

4. zinc hydroxide →

5. Iron(II) hydroxide →

6. nickel(II) chlorate →

7. sodium chlorate →

8. potassium chlorate →

9. sulfuric acid →

10. carbonic acid →

11. aluminum oxide →

12. silver oxide →

### Worksheet #3: Decomposition Reactions

In decomposition reactions, one compound will break down into two or more parts.

1. barium carbonate → barium oxide + carbon dioxide



2. magnesium carbonate → magnesium oxide + carbon dioxide



3. potassium carbonate → potassium oxide + carbon dioxide



4. zinc hydroxide → zinc oxide + water



5. iron(II) hydroxide → iron(II) oxide + water



6. nickel(II) chlorate → nickel(II) chloride + oxygen



7. sodium chlorate → sodium chloride + oxygen



8. potassium chlorate → potassium chloride + oxygen



9. sulfuric acid → water + sulfur trioxide



10. carbonic acid → water + carbon dioxide



11. aluminum oxide → aluminum + oxygen



12. silver oxide → silver + oxygen

