

Synthesis Reactions:

1. Sodium + chlorine gas →

2. Magnesium + nitrogen →

Decomposition reactions:

1. Potassium sulfide →

2. Calcium phosphide →

Single replacement reactions:

1. Aluminum oxide + calcium →

2. Lithium chloride + fluorine →

Double Replacement Reactions:

1. Iron (III) oxide + magnesium sulfate →

2. Calcium sulfide + nickel (II) nitrate →