

Name _____ Date Due _____

Reactions of Acids

1. Write a word equation to describe the reactants and products when an acid reacts with (the first one has been done for you!)....

A metal



A metal oxide

A metal carbonate

A metal hydroxide

2. Write *balanced* word and formula equations to describe the following reactions

Magnesium reacting with hydrochloric acid

Word:

Magnesium + Hydrochloric Acid → Magnesium Chloride + Hydrogen

Formula:

Mg + 2HCl → MgCl₂ + H₂

Sodium reacting with hydrochloric acid

Word:

Formula:

Sodium oxide reacting with sulphuric acid

Word:

Formula:

Potassium carbonate reacting with nitric acid

Word:

Formula:

Iron(II) hydroxide reacting with Sulphuric acid

Word:

Formula: