**Common Reactions with Acids and Bases**

**Metal Oxides and Water**

What is it?

What does the reaction do?

Examples:

$Na\_{2}O+H\_{2}O\rightarrow $

$CaO+H\_{2}O\rightarrow $

**Non-metal Oxides and Water**

What is it?

What does the reaction do?

Examples:

$SO\_{2}+H\_{2}O\rightarrow $

$CO\_{2}+H\_{2}O\rightarrow $

**Acids and Metals**

What does the reaction do?

Examples:

$\\_\\_\\_HCl+\\_\\_\\_Mg\rightarrow $

$\\_\\_\\_H\_{2}SO\_{4}+\\_\\_\\_Al\rightarrow $

**Acids and Carbonates**

What does the reaction do?

Examples:

$\\_\\_\\_H\_{2}SO\_{4}+\\_\\_\\_CaCO\_{3}\rightarrow $

$\\_\\_\\_HNO\_{3}+\\_\\_\\_CaCO\_{3}\rightarrow $

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