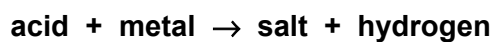


Word equations – The reaction between acids and metals

When an acid reacts with metal, a salt and hydrogen are produced:



An example:



The salt that is produced depends upon which acid and which metal react.

The following table provides a summary of the name of the salt produced by different reactions between acids and metals.

1. Complete the table (*Hint* – look for the patterns):

Name of metal	Name of acid		
	Hydrochloric acid	Nitric acid	Sulfuric acid
Iron	Iron chloride		Iron sulfate
Zinc	Zinc chloride	Zinc nitrate	
Magnesium			Magnesium sulfate

2. Complete the following word equation:

