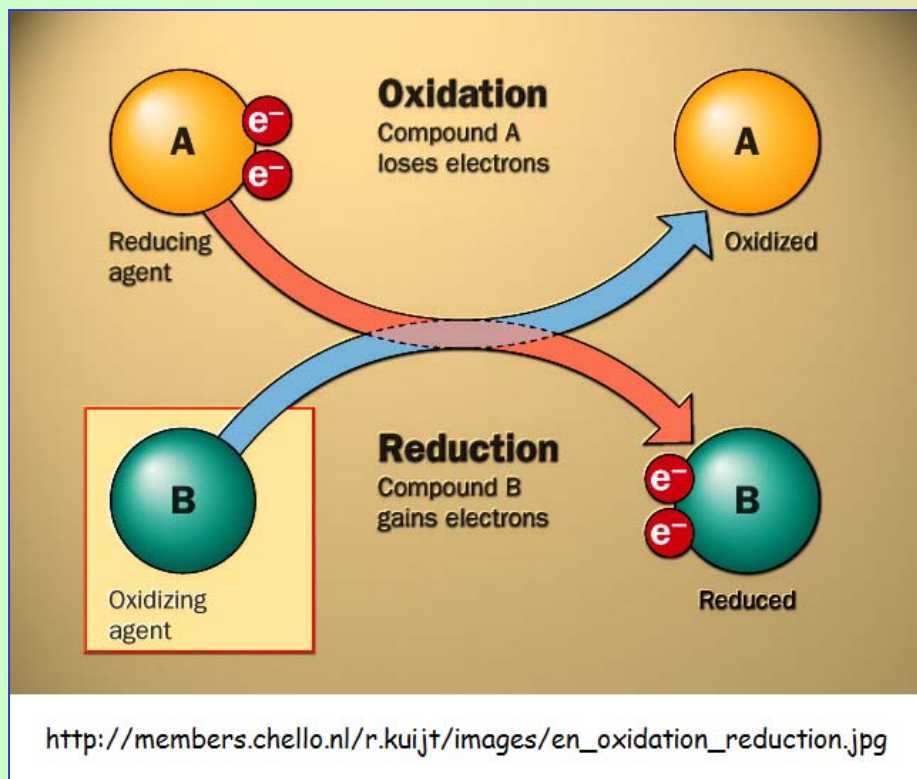
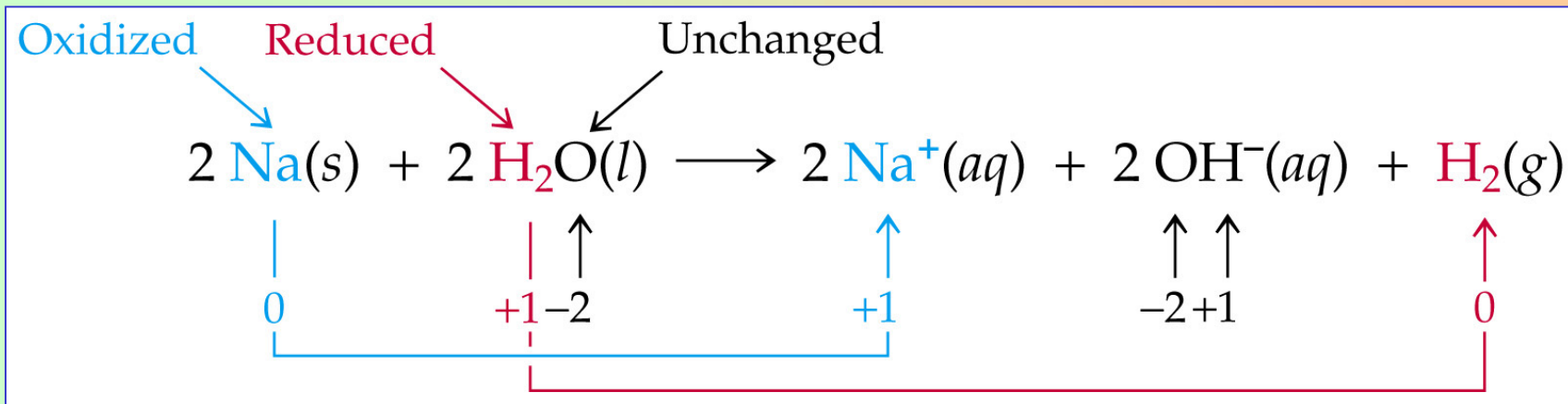
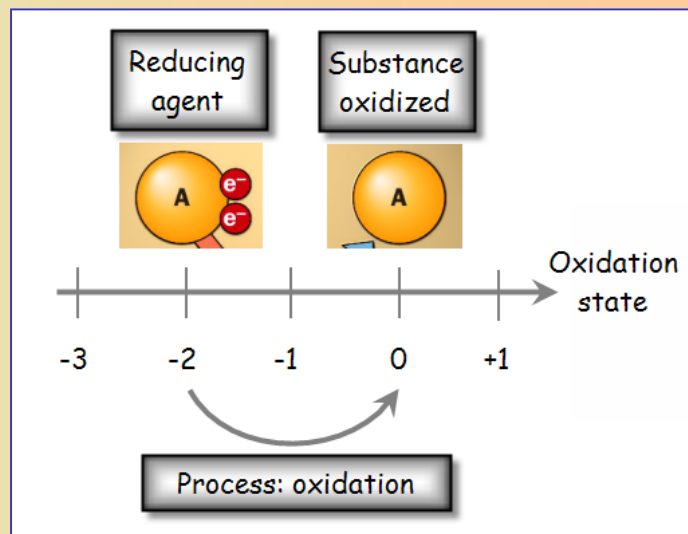


Oxidation-Reduction Reactions

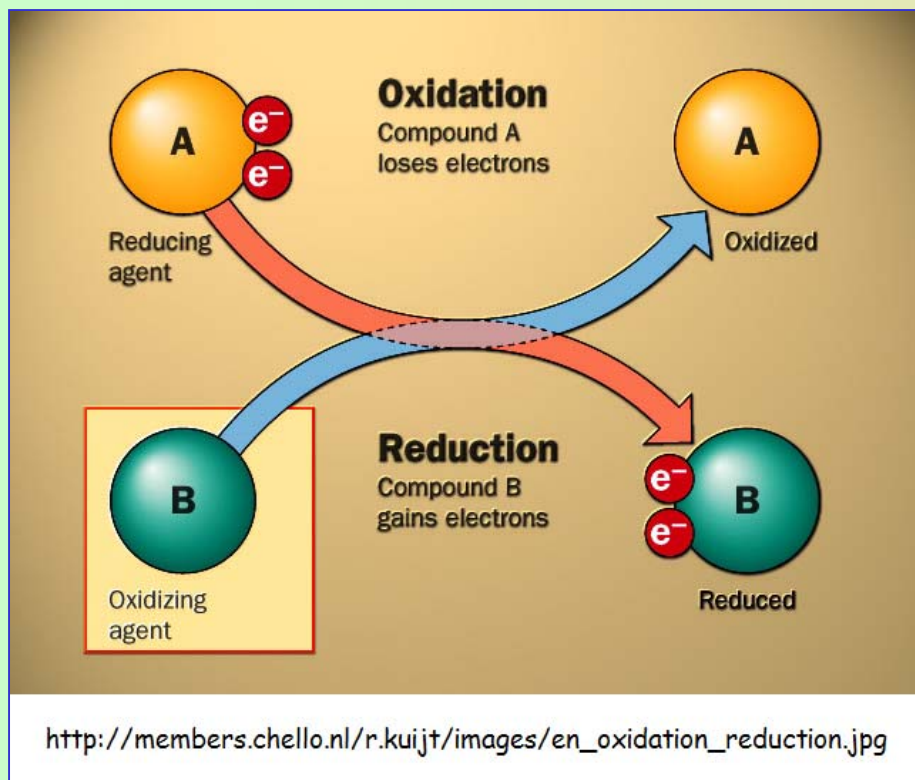


Oxidation and Reduction

Loss of electrons by a substance is called **oxidation**.

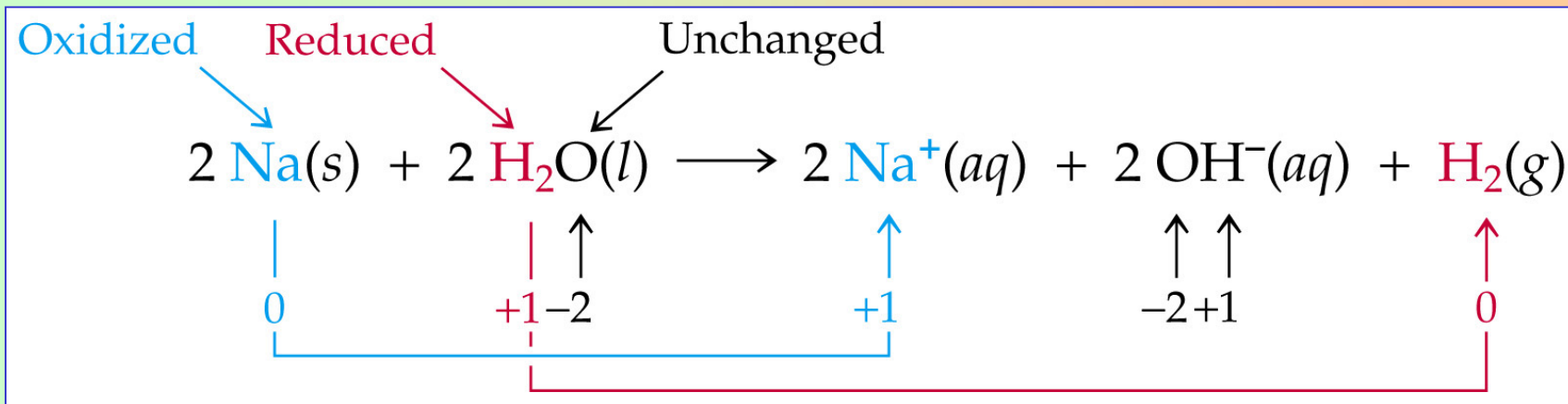
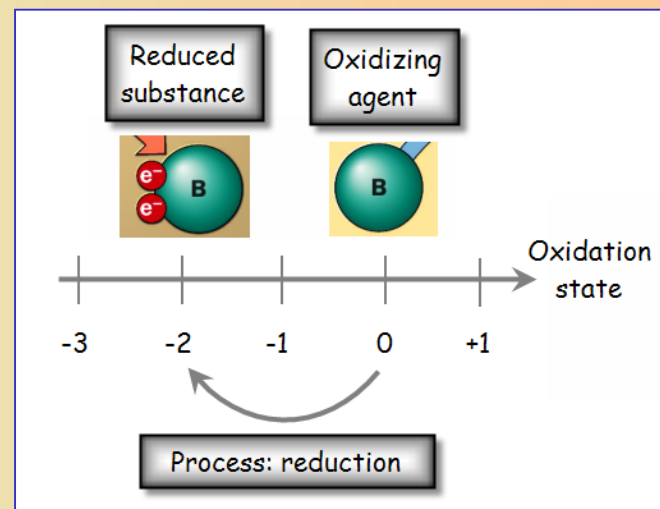


Oxidation-Reduction Reactions

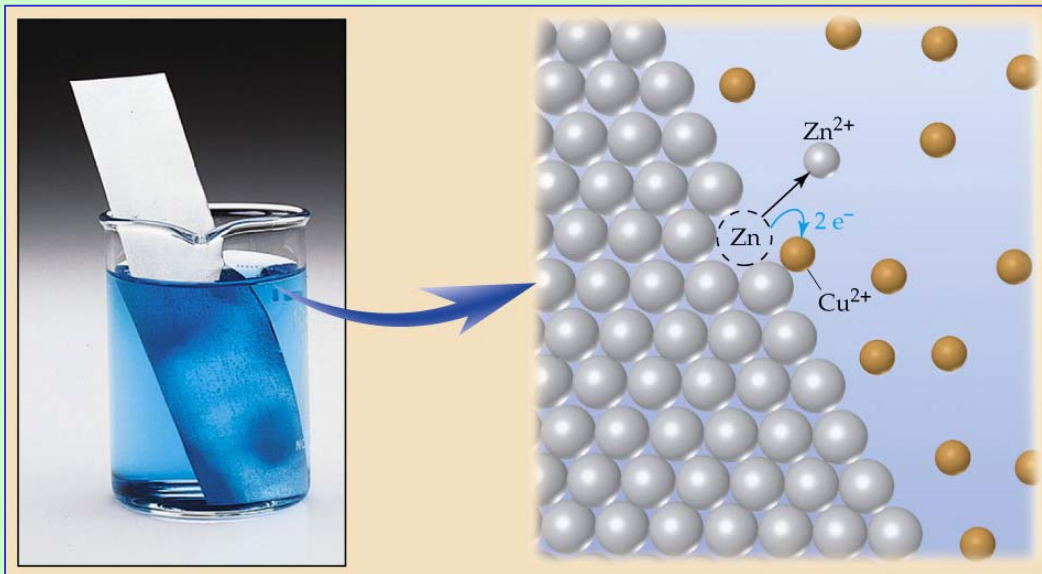


Oxidation and Reduction

The gain of electrons by a substance is called **reduction**.



Oxidation-Reduction Reactions

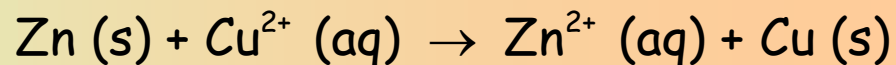


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Half reactions

Oxidation and reduction must take place simultaneously. Sometimes it is convenient to consider them as separate processes.

For example, this reaction



can be considered to consist of two processes:

