

## Answer on Question #79518 – Chemistry – Other

### Task:

Indicates the oxidized element and the reduced element in the following chemical equation.



### Solution:

An **oxidizing agent**, or **oxidant**, *gains* electrons and is reduced in a chemical reaction.

A **reducing agent**, or **reductant**, *loses* electrons and is oxidized in a chemical reaction.

$\text{H}_2\text{S}$  – reducing agent – **oxidized**.

$\text{H}_2\text{AsO}_4$  - oxidizing agent – **reduced**.