

## Answer on Question #63416 - Chemistry – General Chemistry

The oxidation number of sulfur in the  $S_2O_3^{2-}$  - ion is:

### **Solution.**

In thiosulfate ( $S_2O_3^{2-}$ ) oxidation number of sulfur is: S(+6), S(-2)

Formal oxidation number is:  $S = [-2 - (-2 \times 3)] : 2 = +2$

**Answer:** S(+6), S(-2)

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