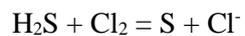


## Answer on Question #56140 - Chemistry - General chemistry

### Question:

balance the redox reaction using oxidation number method



### Answer:

$\text{S}^{2-} - 2\text{e}^- = \text{S}^0$	2	1
$\text{Cl}_2^0 + 2\text{e}^- = 2\text{Cl}^-$		1

The proton ( $\text{H}^+$ ) doesn't change its oxidation state, that's why the chemical equilibrium with coefficients:

