

Quiz (Oxidation Number)

Find the oxidation numbers of the underlined elements in the following substances or ions:

- (a) $\underline{\text{S}}_8$
- (b) $\text{Mg}_3\underline{\text{N}}_2$
- (c) $\text{Na}_2\underline{\text{S}}\text{O}_4$
- (d) $\text{Na}_2\underline{\text{S}}\text{O}_3$
- (e) $\text{K}_2\underline{\text{Cr}}\text{O}_4$
- (f) $\underline{\text{N}}\text{H}_4\text{Cl}$
- (g) $\underline{\text{Cr}}_2\text{O}_7^{2-}$
- (h) $\underline{\text{N}}\text{F}_3$

Suggested Answer

- (a) 0
- (b) -3
- (c) +6
- (d) +4
- (e) +6
- (f) -3
- (g) +6
- (h) +3