

C - $\underline{\text{NO}} = x - 2 = 0$
 $\frac{x - 2}{+2 + 2}$
 $\boxed{x = +2}$

- $\underline{\text{N}_2\text{O}_5} = 2(\text{N}) + 5(-2) = 0$
 $\frac{2\text{N} - 10}{+10 + 10} = 0$
 $\frac{2\text{N} - 10}{2} = 0 \Rightarrow \boxed{\text{N} = 5}$

- $\underline{\text{H}_2\text{S}}$ $2(+1) + \text{S} = 0$
 $\frac{+2 + \text{S}}{-2 - 2} = 0$
 $\boxed{\text{S} = -2}$

- $\underline{\text{H}_2\text{SO}_4}$ $2(+1) + \text{S} + 4(-2) = 0$
 $\frac{2 + \text{S} - 8}{+6 + 6} = 0$
 $\boxed{\text{S} = +6}$

- $\underline{\text{SO}_3}$ $\text{S} + 3(-2) = 0$
 $\frac{\text{S} - 6}{+6 + 6} = 0$
 $\boxed{\text{S} = +6}$

- $\underline{\text{NO}_3^-}$ $\text{N} + 3(-2) = -1$
 $\frac{\text{N} - 6}{+6 + 6} = -1$
 $\boxed{\text{N} = +5}$