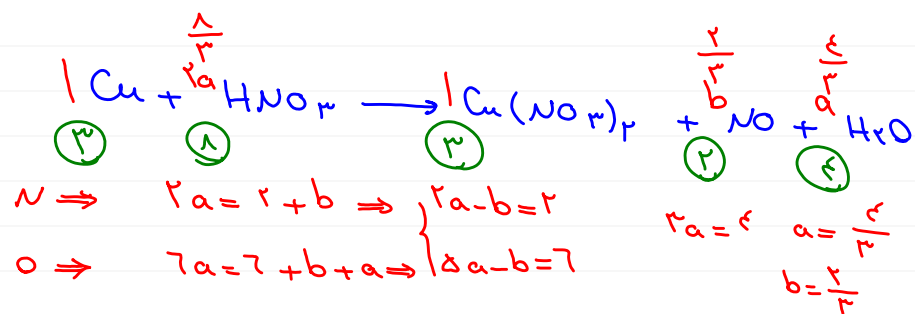
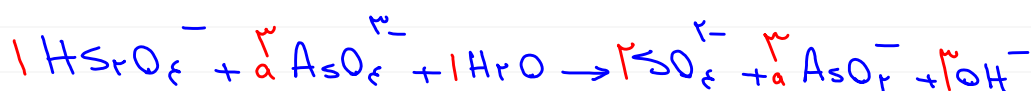


$$\begin{array}{l} \text{S} \quad a = 2 + b \quad -2 \quad a - b = 2 \\ \text{O} \quad 4a = 12 + 2b + a \quad -a \quad 3a - 2b = 12 \end{array} \quad \begin{array}{l} a = 4 \\ b = 2 \end{array}$$



$$\begin{array}{l} \text{H} \\ \text{S} \\ \text{O} \end{array} \quad \begin{array}{l} 1 + 2a + 1 = 1 + 2a + 2 \Rightarrow a = 1 \end{array}$$

$$PV = nRT$$

$$\begin{array}{l} 1) \quad P \rightarrow n = \frac{PV}{RT} \\ 2) \quad T \\ 3) \quad n \end{array} \Rightarrow \begin{array}{l} PV = \text{const} \\ P_1 V_1 = P_2 V_2 = \dots \\ V \propto \frac{1}{P} \\ V = nRT \left(\frac{1}{P} \right) \end{array}$$

$$f = ax + b$$



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 $PV = nRT$

$$\begin{array}{l} P_1 = 1. \\ V_1 = 1. \end{array} \quad PV = 1..$$

$$\begin{array}{l} P_2 = 1.. \\ V_2 = 1 \end{array} \quad \begin{array}{l} P_1 V_1 = P_2 V_2 \\ 1.. = 1.. \times V_2 \end{array}$$

$$\begin{aligned} \frac{\Delta P}{P_1} \times 1.. &= \frac{9.}{1.} \times 1.. = 9.. \\ \Rightarrow \frac{\Delta V}{V_1} \times 1.. &= \frac{9.}{1.} \times 1.. = 9. \end{aligned}$$