

$$\boxed{B2-1} \quad (1) \quad 3 \times 0.2 = \underline{0.6} \text{ m}^3$$

$$2) \quad (b) \quad c \times \frac{24 \times 10^3 \text{ g}}{64 \text{ g/mol}} = 375 \text{ C mol} = \underline{0.375 \text{ C kmol}}$$

$$(c) \quad V = \frac{nRT}{P} = \underline{9.02 \text{ C m}^3}$$

$$3) \quad \frac{P}{101.3} = \frac{V}{3.0 - 9.02 \text{ C}}$$

$$\text{J.2} \quad V = \frac{P}{101.3} \times (3.0 - 9.02 \text{ C})$$

$$0.6 - 9.02 \text{ C} = \frac{P}{101.3} \times (3.0 - 9.02 \text{ C})$$

$$P = 101.3 \times \frac{0.6 - 9.02 \text{ C}}{3 - 9.02 \text{ C}} = 101.3 \times \left(\frac{1 - 15 \text{ C}}{5 - 15 \text{ C}} \right)$$

$$4) \quad \begin{cases} P = 101.3 \text{ C} + 4443 \text{ C}^2 \\ P = 101.3 \times \left(\frac{1 - 15 \text{ C}}{5 - 15 \text{ C}} \right) \end{cases}$$

$$\text{J}^4) \quad C = 0.369, 0.0193, -0.214$$

$$0 \leq C \leq 0.0249 \quad \text{J}^4)$$

$$C = \underline{0.0193}$$

初期
平衡中

$$n_{\text{SO}_2} = \frac{PV}{RT} = 24.9 \text{ mol}$$