

### Solution

$$\textcircled{1} \frac{11 \text{ L} \times 1,36 \text{ mol}}{1,25 \text{ mol}} = 11,9 \text{ L}$$

$$V_1 = 11 \text{ L}$$

$$n_1 = 1,25 \text{ mol}$$

$$V_2 = ?$$

$$n_2 = 1,36 \text{ mol}$$

$$\textcircled{2} \frac{11 \text{ mol} \times 120 \text{ L}}{60 \text{ L}} = 22 \text{ mol}$$

$$V_1 = 60 \text{ L}$$

$$n_1 = 11 \text{ mol}$$

$$V_2 = 120 \text{ L}$$

$$n_2 = ?$$