

Solución

1

$$V_1 = 205$$

$$T_1 = 293$$

$$T_2 = 333$$

$$P_1 = 1,05$$

$$P_2 = 2,4$$

$$V_2 = ?$$

$$\frac{1,05 \cdot 205 \cdot 333}{2,4 \cdot 293} = 0,102$$

$$V_2 = 0,102$$

2

$$V_1 = 440 \text{ ml}$$

$$V_2 = 5,6 \text{ k}$$

$$T_1 = 343$$

$$T_2 = 373$$

$$P_1 = 920 \text{ mmHg}$$

$$P_2 = ?$$

$$\frac{920 \cdot 440 \cdot 373}{5,6 \cdot 343} = 78,608$$

$$P_2 = 78,608$$