

No. _____

Date: _____

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$$P_1 = 35 \text{ lb/in}^2 = 35 \text{ psi}$$

$$P_2 = 50 \text{ lb/in}^2 = 50 \text{ psi}$$

$$T_1 = 0^\circ \text{F} = \frac{4}{9} \times (0 - 32)$$

9

$$V_1 = V_2$$

Ditanya: T_2 ?

$$\text{Jawab: } P_1 \cdot V_1 = T_1$$

$$P_2 \cdot V_2 = T_2$$

$$35 \text{ psi} = -14,22^\circ \text{R}$$

$$50 \text{ psi} = T_2$$

$$T_2 = \frac{-14,22^\circ \text{R} \cdot 50}{35}$$

35

$$T_2 = -20,314^\circ \text{R}$$