

② Diketahui  $P_1 = 35 \text{ lb/in}^2 = 35 \text{ PSI}$   
 $P_2 = 50 \text{ lb/in}^2 = 50 \text{ PSI}$   
 $T_1 = 0^\circ \text{ F} = \frac{4}{9} \times (0 - 32) = -14,22^\circ \text{ R}$   
 $V_1 = V_2$

Ditanya  $T_2 = ?$

Jawab  $\frac{P_1 \cdot V_1}{P_2 \cdot V_2} = \frac{T_1}{T_2}$

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

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

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