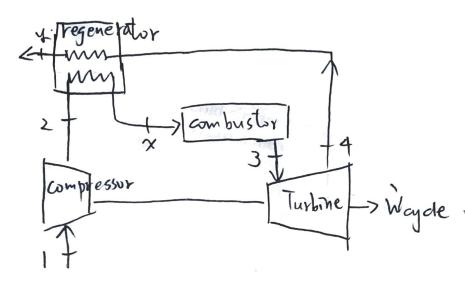
越力小考知的 蘇品瑄目4082181

(4)



$$\frac{T_1}{T_2} = \left(\frac{T_1}{T_3}\right) r^{\frac{1}{2} \frac{1}{2}}$$

€ T4 > T2

(b) 
$$\eta = 1 - \frac{T_1}{T_2}$$

$$Y = \frac{P_2}{P_1} = (\frac{T_2}{T_1})^{\frac{1}{K-1}} = \frac{P_3}{P_1} = (\frac{T_3}{T_1})^{\frac{1}{K-1}}$$

$$(\frac{1}{1}P_2 = P_3)$$