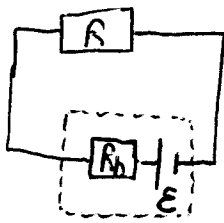


17.) $R_b = 4\Omega$ $R_1 = 8\Omega$ $R = ?$ ha $P_1 = P_R$



$$R_e = R + R_b$$

$$I = \frac{\epsilon}{R_e}$$

$$P = I^2 R$$

$$R_{e1} = R_b + R_1$$

$$I_1 = \frac{\epsilon}{R_{e1}} = \frac{\epsilon}{R_b + R_1}$$

$$P_1 = I_1^2 R_1 = \frac{\epsilon^2}{(R_b + R_1)^2} R_1$$

$$P_1 = P_R$$

$$\frac{\epsilon^2}{(R_b + R_1)^2} R_1 = \frac{\epsilon^2 R}{(R_b + R)^2}$$

$$\downarrow$$
$$\underline{\underline{R}}$$