$$J_c = \frac{k_c/2}{R_3 + R_h} = \frac{6}{10 + 1} = \frac{6\nu}{10 + 1} = 0,55 \text{ mA}$$

H_{te} - 40 G=10

VCC = 12U

$$\frac{1}{R_1+R_2} = \frac{VcL}{R_1+R_2}$$

$$(V_h + V_{BC}) = R_2 \cdot \frac{VcL}{R_1+R_2}$$

$$\begin{pmatrix}
P_1 + 122
\end{pmatrix} = \frac{P_2 \cdot Vcc}{V_A + VBE} \sim P_1 = \frac{P_2 \cdot Vcc}{V_A + VBE} - P_2$$

$$\frac{P_1 + 122}{V_A + VBE} \sim \frac{P_2 \cdot Vcc}{V_A + VBE} - P_2$$

$$G = \frac{23}{2h} = \frac{10k}{1k} = 10$$