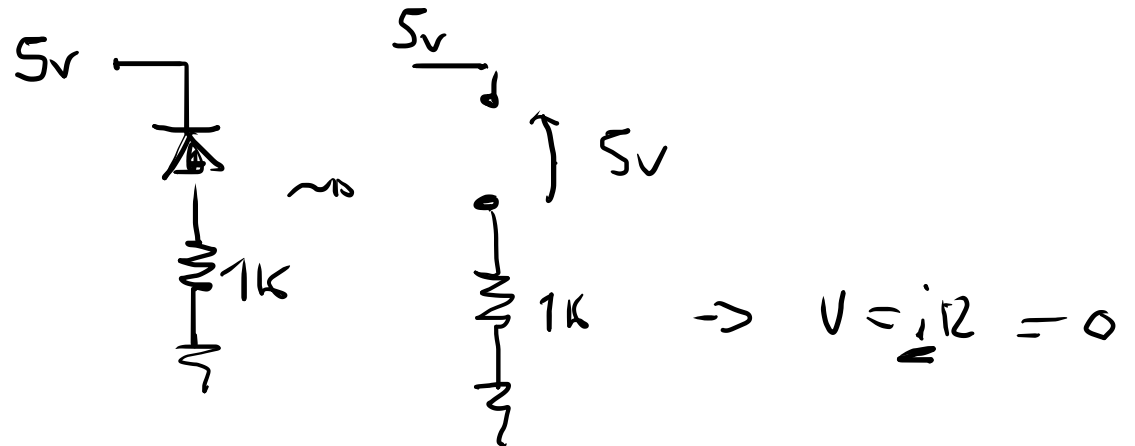


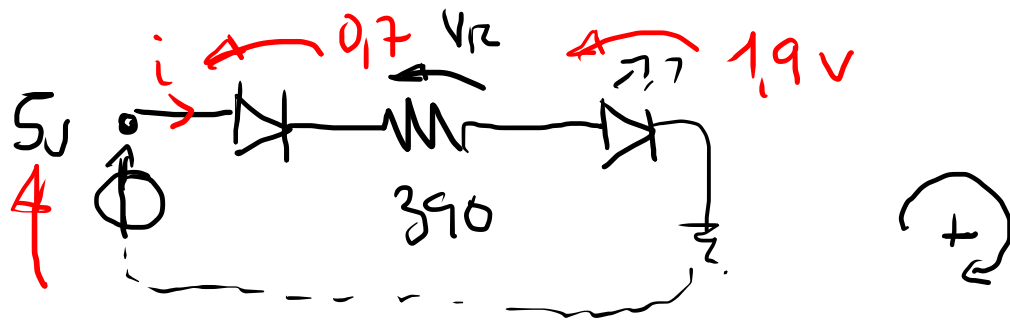
$$5V - V_R - 0,7 = 0$$

$$5 - 0,7 = V_R$$

$$4,3V = i \cdot R$$

$$iR = 4,3 \rightarrow i = \frac{4,3V}{1k} = 4,3mA$$





$$5V - 0,7 - V_R - 1,9 = 0$$

$$2,4 - V_R = 0$$

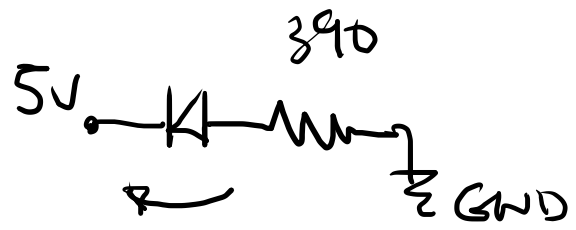
$$2,4 = V_R$$

$$V_R = 2,4$$

$$iR = 2,4$$

$$i = \frac{2,4}{R} = \frac{2,4V}{390\Omega} = 6\mu A$$

$$\begin{aligned} V_R &= i \cdot R = 6\mu A \cdot 390\Omega = \\ &= 0,006 \cdot 390 = \\ &= 2,3V \end{aligned}$$



5V