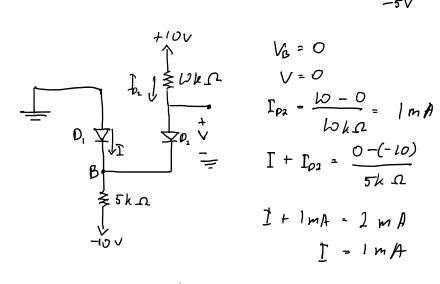
Mais 1

1. a.
$$+5V$$
 $\downarrow = 0$
 $\downarrow = 0$

2. a.

Ь.



$$V_{B} = 0$$

$$V = 0$$

$$\Gamma_{P2} = \frac{10 - 0}{10 \text{ kg}} = 1 \text{ m/f}$$

$$\Gamma + \Gamma = 0 - (-10)$$

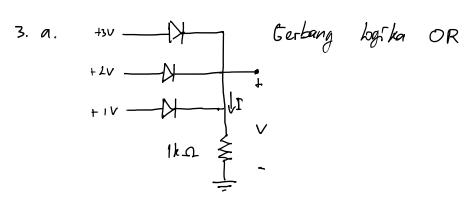
$$\Gamma + \Gamma_{02} = \frac{O - (-10)}{5k \Omega}$$

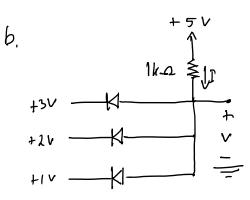
$$V_{B} = 0$$

$$V = 0$$

$$V_{D1} = \frac{10 - 0}{5 k\Omega} = 2 m A$$

$$I + I_{D2} = \frac{0 - (-10)}{10 k\Omega}$$





Gerbang logika AND