

$$\textcircled{1} \sum F_x = 0 = F_{Ax} - F_2$$

$$\textcircled{2} \sum F_y = 0 = F_{Ay} + F_B - F_1$$

$$\textcircled{3} \sum M_A = 0 = F_2 \cdot 2a - F_1 \cdot a + F_B \cdot 3a$$

$$\textcircled{4} \sum M_B = 0 = F_2 \cdot 2a + F_1 \cdot 2a - F_{Ay} \cdot 3a$$

$$\textcircled{3} F_B = \frac{F_1 \cdot a - F_2 \cdot 2a}{3a} = \frac{F_1 - 2F_2}{3}$$

$$\textcircled{1} F_{Ax} = F_2$$

$$\textcircled{4} F_{Ay} = \frac{F_2 \cdot 2a + F_1 \cdot 2a}{3a} = \frac{2F_2 + 2F_1}{3}$$

Geg:  $a, F_1, F_2, M$

Ges:  $F_A, F_B$

