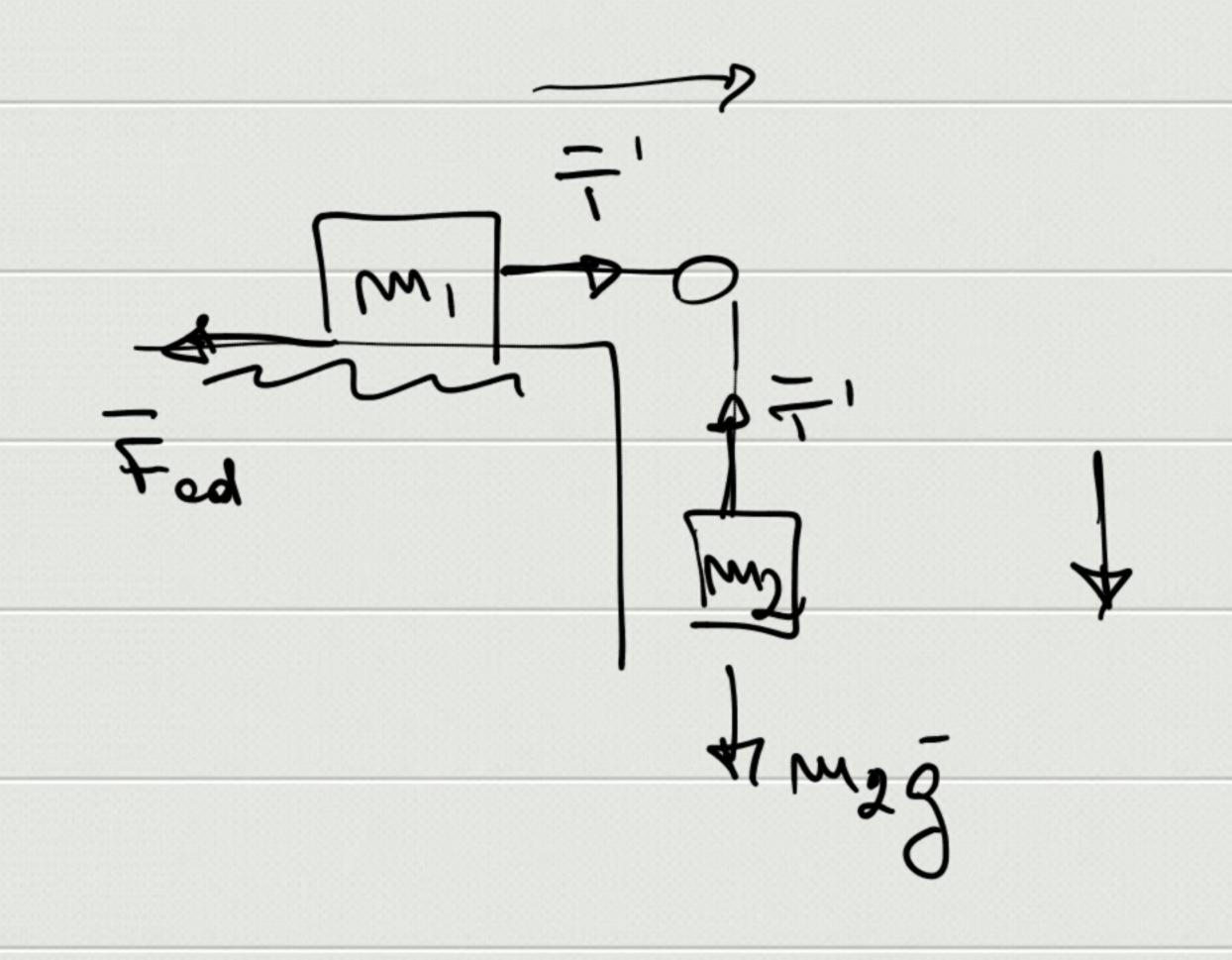
$m_1 = 10 \text{ kg}$ $m_2 = 5 \text{ kg}$ $m_2 = 5 \text{ kg}$ $m_3 = \mu d = 0.4$ Statica $m_1 = 10 \text{ kg}$ $m_2 = 5 \text{ kg}$ $m_3 = \mu d = 0.4$

F-7-Fes=0 x Fes [m2]
F-7+Fes=0 x
F= using
T= m29

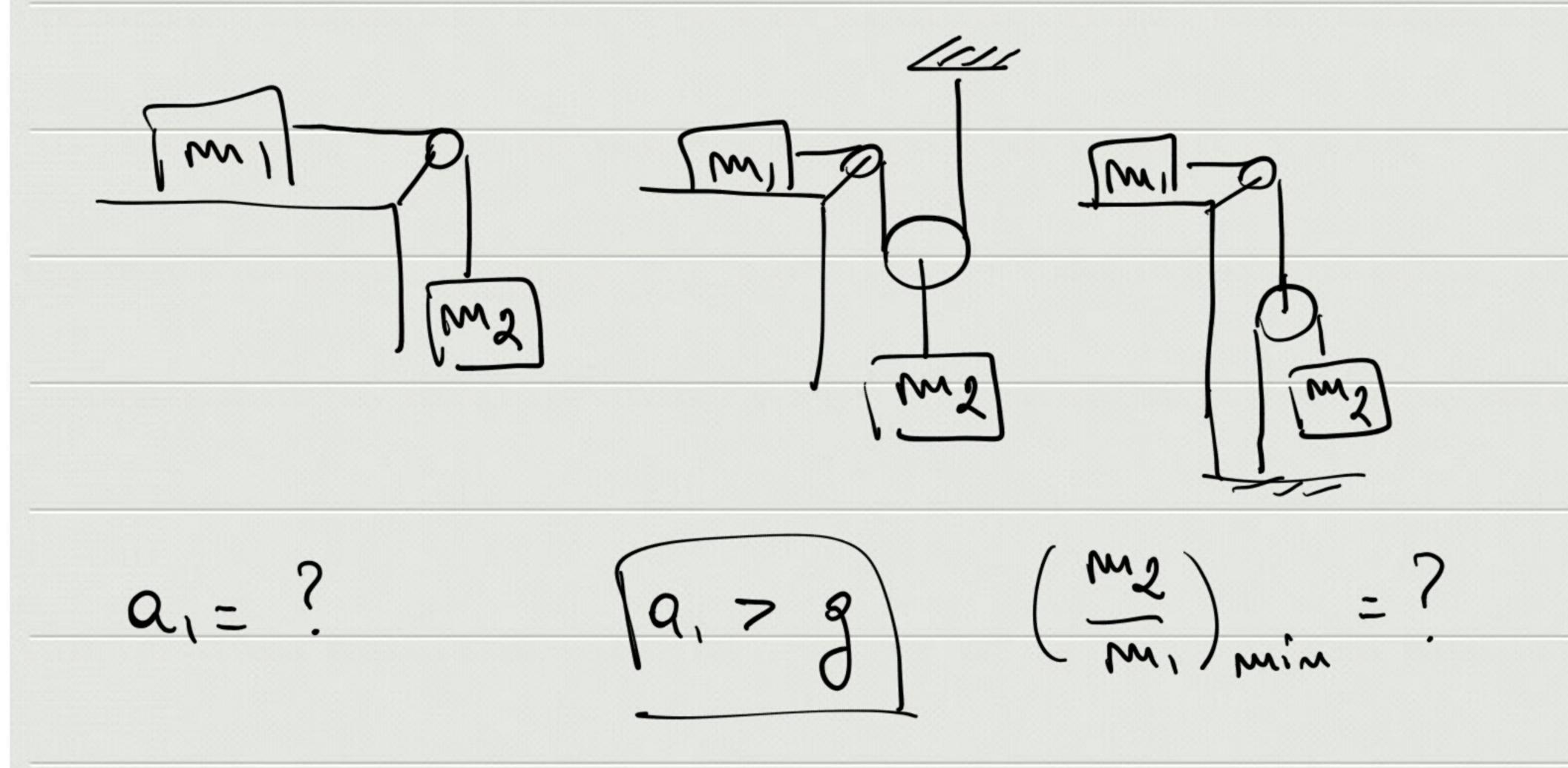
For = F-mag \leq Formor = Moming $F \leq (m_1 + m_2)g = 88.2 \text{ N}$ From

For = M29-F < For, mox = us m19 F> (m2-usmi) g = 9.8 NR Fmin



$$\int_{-\infty}^{\infty} - \frac{1}{2} - \frac{1}{2} = \frac$$

$$a = \frac{m2 - \mu dm_1}{m_1 + m_2} = 0.65 \text{ m/s}^2$$



2)
$$q = \frac{2m_2}{4m_1 + m_2} q + (\frac{m_2}{m_1} > 4)$$

3)
$$q = \frac{2m2}{m_1 + 4m2}g$$

d=0.03 m 5 abbse 2 cost = ! $\nabla f = \sqrt{2} + 2a \Delta x$ Wmc = DEm (htd) * - - Fd = -mg (h+d) * - Wpens + WFs = 0 WTOT = DEK 0 = 2gh + 2gd - 2qsd => qs = g h+d Fs: mas = mg h+d = 98 N

-DEP, perso + WFs = 0 => - (Ø-mg(h+d))-Fsd=0