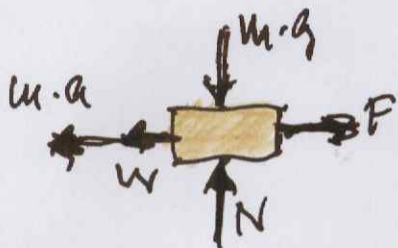


$$v = 36 \text{ km/h}$$

$$t = 10 \text{ s}$$

$$a = 1 \text{ m/s}^2$$

~ Zugkraft -



$$W = N \cdot \mu$$

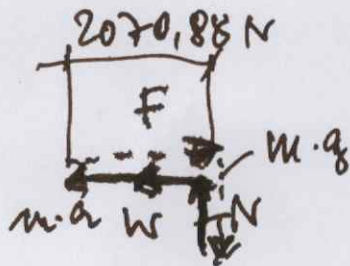
$$F - W - m \cdot a = 0$$

$$F - m \cdot g \cdot \mu - m \cdot a = 0$$

$$F = m(g \cdot \mu + a) = 0$$

$$F = 1600(9.81 \cdot 0.03 + 1)$$

$$F = 2070.88 \text{ N}$$



inikum vorbehalten

22.10.2022