

es. 70

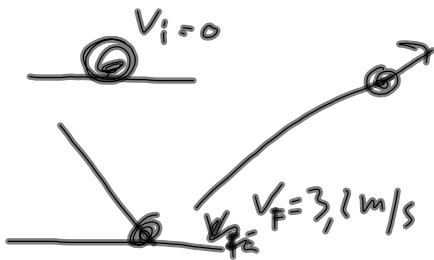
$$F_m = 1750 \text{ N}$$

$$I = F_m \cdot \Delta t$$

$$\Delta t = 995 \cdot 10^{-3} \text{ s}$$

es. 72 $m = 0,50 \text{ kg}$ $F_m = 230 \text{ N}$

$$\Delta t = ? \quad \Delta t = \frac{m \Delta v}{F_m}$$



$$F_m \cdot \Delta t = m \Delta v$$

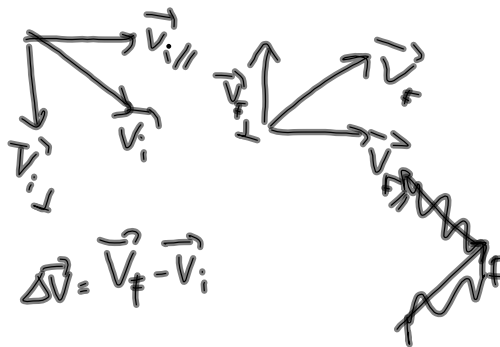
$$F_m = m \frac{\Delta v}{\Delta t}$$

es. 73

$$m = 0,60 \text{ kg}$$

$$V_i = 5,4 \text{ m/s}$$

$$V_f = 5,4 \text{ m/s}$$



$$\Delta \vec{v} = \vec{v}_f - \vec{v}_i$$



$$I = m \Delta v = 2,73 \text{ N}\cdot\text{s}$$

$$V_{\perp} = 5,4 \cdot \sin 25 = 2,28 \text{ m/s}$$

$$\Delta v = 2V_{\perp} = 4,56 \text{ m/s}$$

$F = m \cdot \cancel{a} = \dots$

$\frac{\Delta Q}{\Delta t}$

$\vec{Q} = m \vec{v}$

The diagram includes a central green hand icon with three arrows pointing away from it, and a separate set of three arrows forming a Y-shape.

