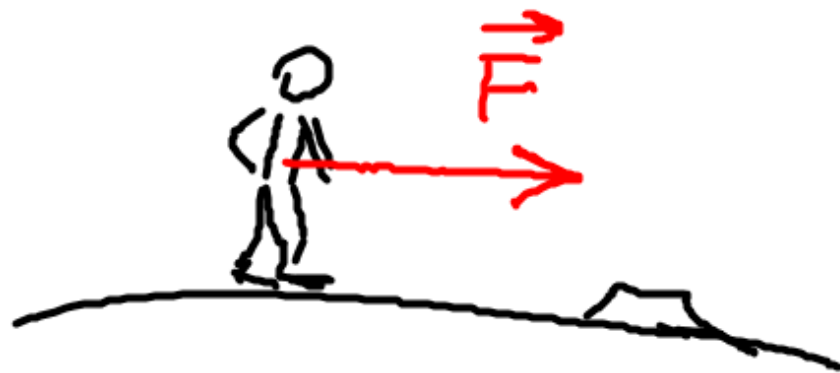


PAG. 221 N18

$$m = 10 \text{ kg}$$

$$F = 60 \text{ N}$$

$$a = ?$$



$$\begin{aligned} F = ma &\Rightarrow a = \frac{F}{m} = \\ &= \frac{60 \text{ N}}{10 \text{ kg}} = \\ &= 6,0 \frac{\text{m}}{\text{s}^2} \end{aligned}$$

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$$m = 125 \text{ kg}$$

$$a = 0,8 \frac{\text{m}}{\text{s}^2}$$

$$F = ma =$$

$$= (125 \text{ kg}) (0,8 \frac{\text{m}}{\text{s}^2}) =$$

$$= 100 \text{ N}$$