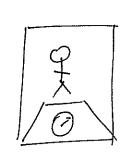


Ejercicio 3 (4,19) W= peso, W= m.g gr = gravedad en Io g = gravedad tierra m = masa sandía entodo lugar b) En Io  $W_{I} = m.g_{I} \Rightarrow m = \frac{W_{I}}{g_{I}} = 24,3 \text{ kg}$ a) En Intierra WE = M.g = 24,3 kg. 9,8 m = 238,14 N

Solución Taller 4

Física L

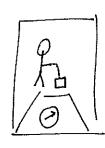
(4.8)



(a)  $\int_{N}^{N} N - mg = ma$   $\sqrt{mg} N = m(a+g)$ 

Como la persona pesa 625 N en reposo => m= 63.78 Kg  $N = 63.78 \, \text{Kg} \left( 2.50 \, \frac{\text{m}}{5^2} + 9.8 \, \frac{\text{m}}{5^2} \right) = 784.44 \, \text{N}$ 

(b)



$$T-mpg=mpa$$

$$T=mp(a+g)$$

$$T - m_p g = m_p a$$

$$T = m_p (a + g)$$

$$T = 3.85 Kg (2.5 \frac{m}{5^2} + 9.8 \frac{m}{5^2})$$

$$= 47.355 N$$