

Fret = Fapp - Ff = Ma FN Ff = 23N Fapp = 88N $m = \frac{F_{app} - F_{f}}{a} = \frac{(88 - 23)N}{5.0 \text{ m/s}^2} = \frac{13 \text{ kg}}{3 \text{ kg}}$ V Fg = ____ $F_q = mq = (13 k_g)(9.8 m ls^3) = [130 N$ M = $a = 5.0 \text{ m/s}^2$ Fg = mg = (15Kg)(9.8mls) = [150N] $F_{f} = 112N$ F_{N} $F_{net} = -F_f = ma$ $a = -\frac{F_{f}}{m} = -\frac{112N}{15kg} = \frac{7.5 \, m/s^2}{7.5 \, m/s^2}$ M= | 5 Kg q= Fapp=_ Frit = Fapp - Fg = ma Fapp = Fg+ma = 160N + (16.3Kg)(22mls2) J Fz = 160N = 520 N V m= 16.3kg a= 22m/s2