

Frontack = (733 N, 214N)

$$N = 733 N$$
 $T = 72 F$

1) which is $F_A ?$

2) what is $F_P ?$
 $T_A = \frac{12 cm}{4 cm} (75 kg)(9.8 m/s^2) = 200 N$
 $T_A = F_A + N = 4 \times \text{ weight}$

Mechanical advantage: $T_A = T_A + T_A = T_A$

