

Lista 3 – Leis de Newton

1- (a) 10N; (b) 10N

2- $0,97\text{m/s}^2$; $T_1 = 1,2 \text{ N}$; $T_2 = 3,5 \text{ N}$

3- $0,217\text{m/s}^2$; 17,8 N

4- 0,81m da origem; $\mathbf{r} = 0,81\mathbf{x} \text{ m}$; $\mathbf{v} = (1,49\mathbf{x} + 0,97\mathbf{y}) \text{ m/s}$

5- (a) 37 N; (b) 55N; (c) 36m/s^2 , para cima.