

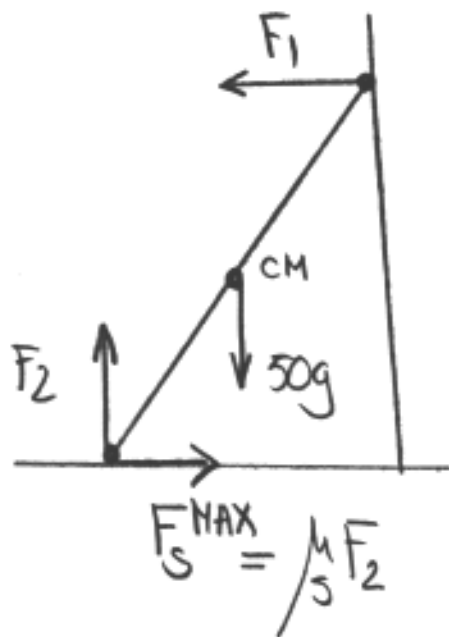
$$F_2 = 50g$$

- a) $10g$ (N)
- b) $20g$ (N)
- c) $30g$ (N)
- d) $40g$ (N)
- e) $50g$ (N)

10) The force exerted by the wall on the ladder.

- a) $10g$ (N)
- b) $20g$ (N)
- c) $30g$ (N)
- d) $40g$ (N)
- e) $50g$ (N)

$$\begin{aligned} F_1 &= F_s^{\text{MAX}} = \mu_s F_2 \\ &= (50g)(0.4) \\ &= 20g \end{aligned}$$



$$F_s^{\text{MAX}} = \mu_s F_2$$