$F_2 = 50g$

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)

$F_1 = F_S^{MAX} = \mu_S F_1$

$= (50g)(0.4)$

$= 20g$