Solution:

A1 – (c), a = F_{net} / m = (1.7 – 0.9) / 1.577 = 0.507 m/s²

A2 – (b), f_k = μ_k N = 0.19 x 0.737 x 9.8 = 1.37

B1 – (a) a = 3.5 m/s²

(b) F = 10.5 N

(c) F_{fric} = 5.88 N (Use g = 9.8 m/s²)