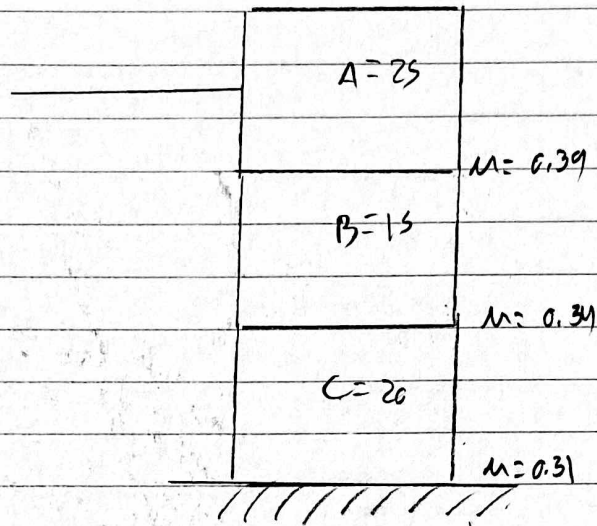
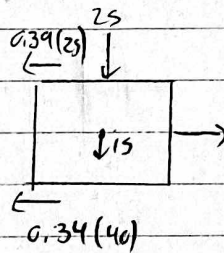


Solutions: 21-5-8.2-MK-06



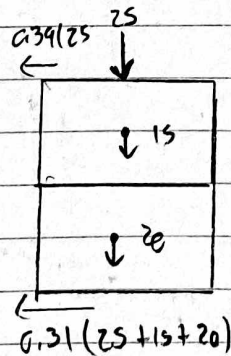
Scenario 1: Block B slides



$$\sum F_x = 0 = P - 0.39(25) - 0.34(40)$$

$$P = 23.35 \text{ N}$$

Scenario 2: Block B & C move



$$\sum F_x = 0 = P - 0.39(25) - 0.31(25 + 15 + 20)$$

$$P = 28.85 \text{ N}$$

Scenario 1  $\rightarrow P = 23.35 \text{ N}$