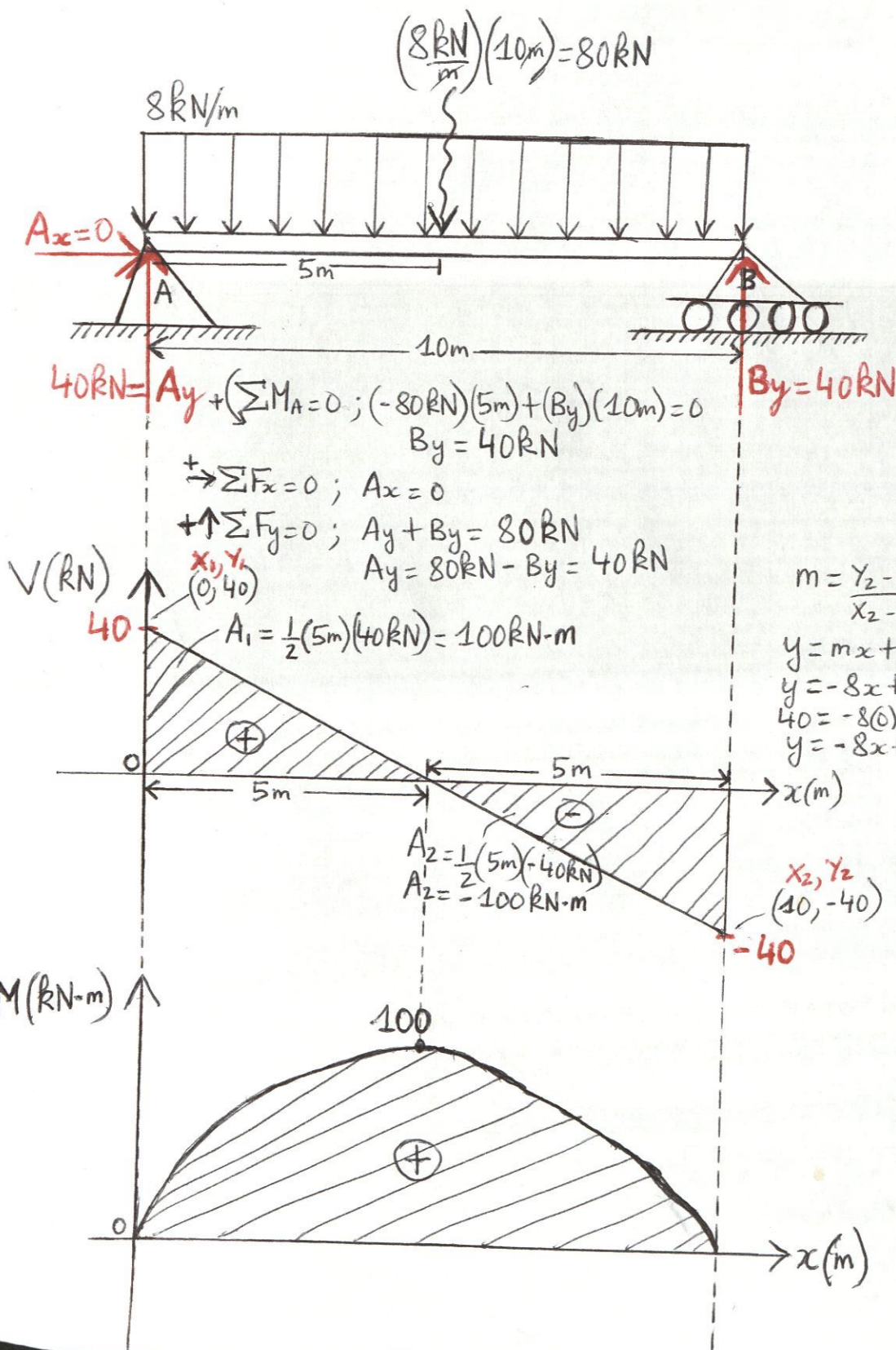


Date: 9th October 2018



$$m = \frac{y_2 - y_1}{x_2 - x_1} = \frac{-40 - 40}{10 - 0} = -8$$

$$y = mx + b$$

$$y = -8x + b \quad (0, 40)$$

$$40 = -8(0) + b \rightarrow b = 40$$

$$y = -8x + 40 \rightarrow -8x + 40 = 0$$

$$x = \frac{40}{8} = 5\text{ m}$$