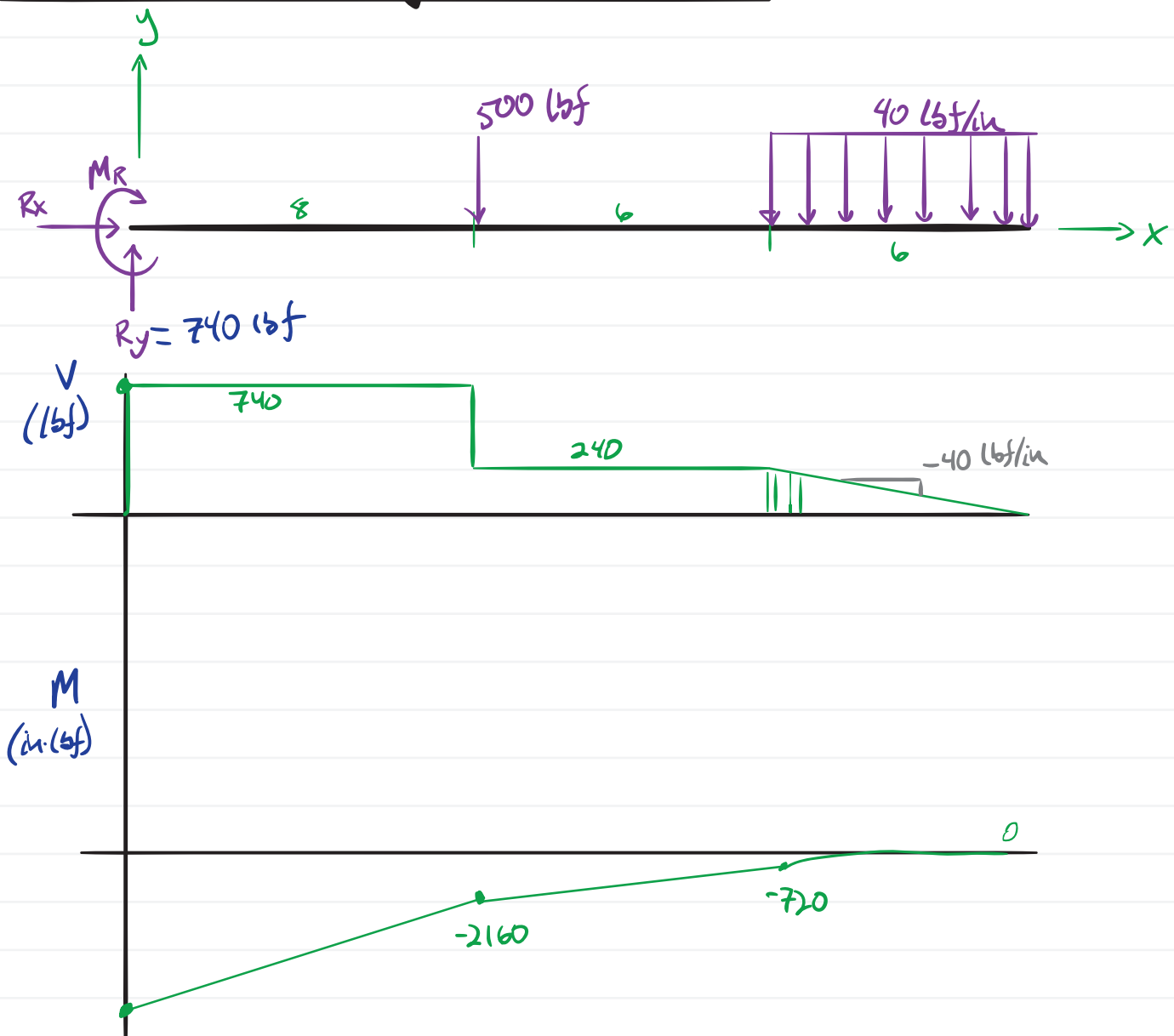


Shear force + bending moment (3-6)

003

1/1



## Reactions

$$\sum F_x: R_x = 0$$

$$\sum F_y: R_y - 500 - 6 \times 40 = 0 \Rightarrow R_y = 740 \text{ lb}$$

$$\sum M_o: -M_R - 500 \cdot 8 - 40 \cdot 6 \cdot 17 = 0 \Rightarrow M_R = -8080 \text{ lb in}$$