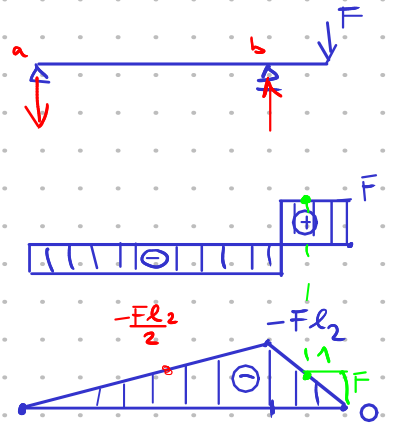
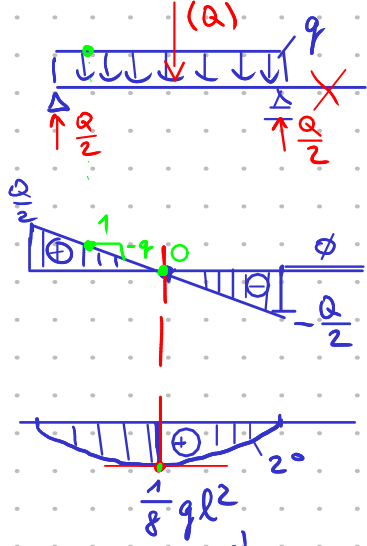
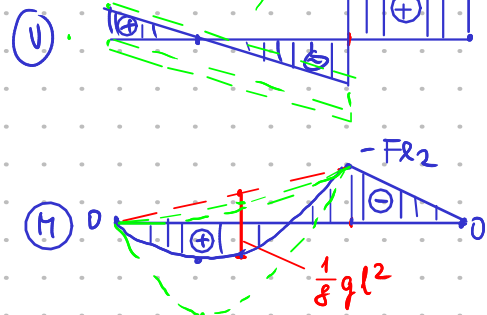
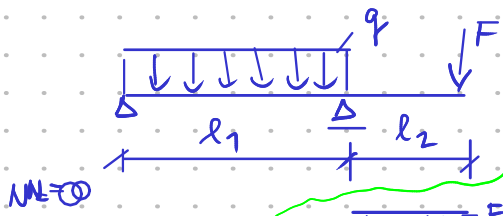


OPAKOVÁNÍ VNIŘNÍCH SIL

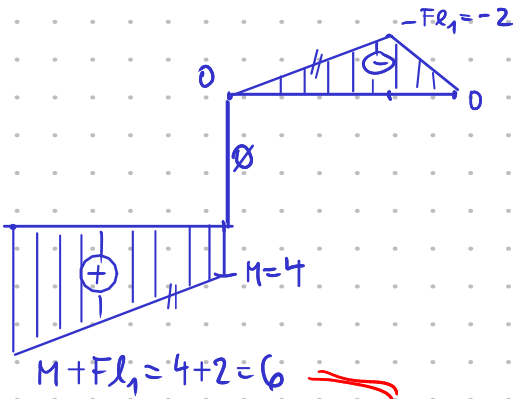
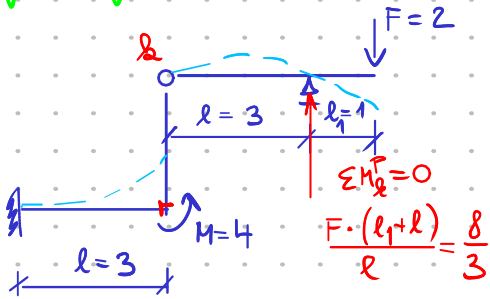
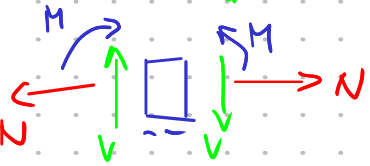
varianty předpokládají $q = \text{konst.}$ a mění se F



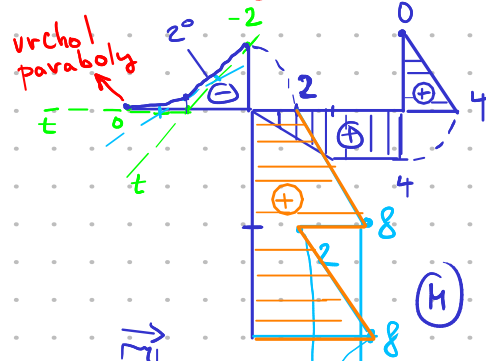
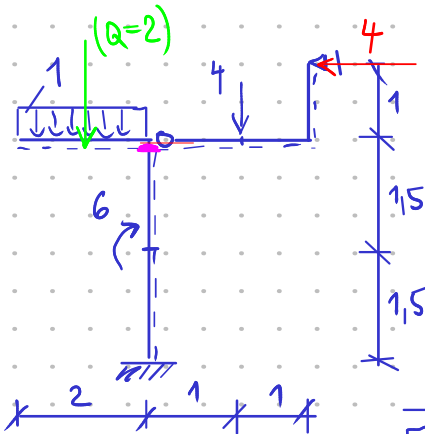
$$\frac{d^2 M}{dx^2} = -q$$

$\ominus$ konkávní int
 $\oplus$ konvexní

$\downarrow -q$
 V
 $\uparrow$ des



$$-F \cdot (2l + l_1) + \frac{8}{3} \cdot 2l + M = 6$$



$\uparrow$
 $\uparrow$
 $\uparrow$

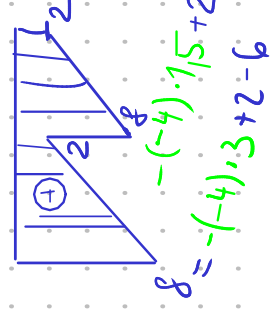
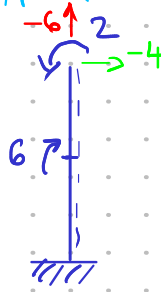
$$-2 \cdot 1 = -2$$

$$M = Q \cdot 1 - 4 \cdot 1 + 4 \cdot 1 = 2$$

$$M = Q \cdot 1 - 4 \cdot 1 + 4 \cdot 2,5 = 8$$

$$M = -11 - 6 = 2$$

$$M = Q \cdot 1 - 4 \cdot 1 + 4 \cdot 4 - 6 = 8$$



$$\sum F_x = 0 \checkmark$$

$$\sum F_z = 0$$

(N)

(M)

