



KURS MECHANIKA - STATYKA

LEKCJA 5 Ramy

Odpowiedzi do zadania domowego



Część 1: TEST

1) b

2) b

3) c

4) a

5) c

6) d

7) c

8) c

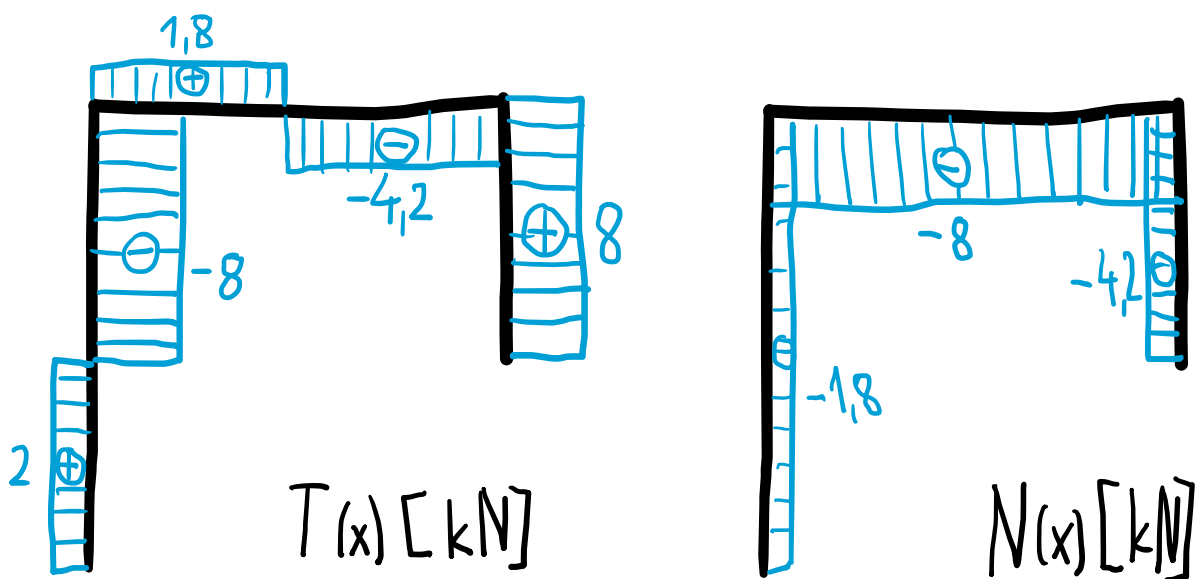
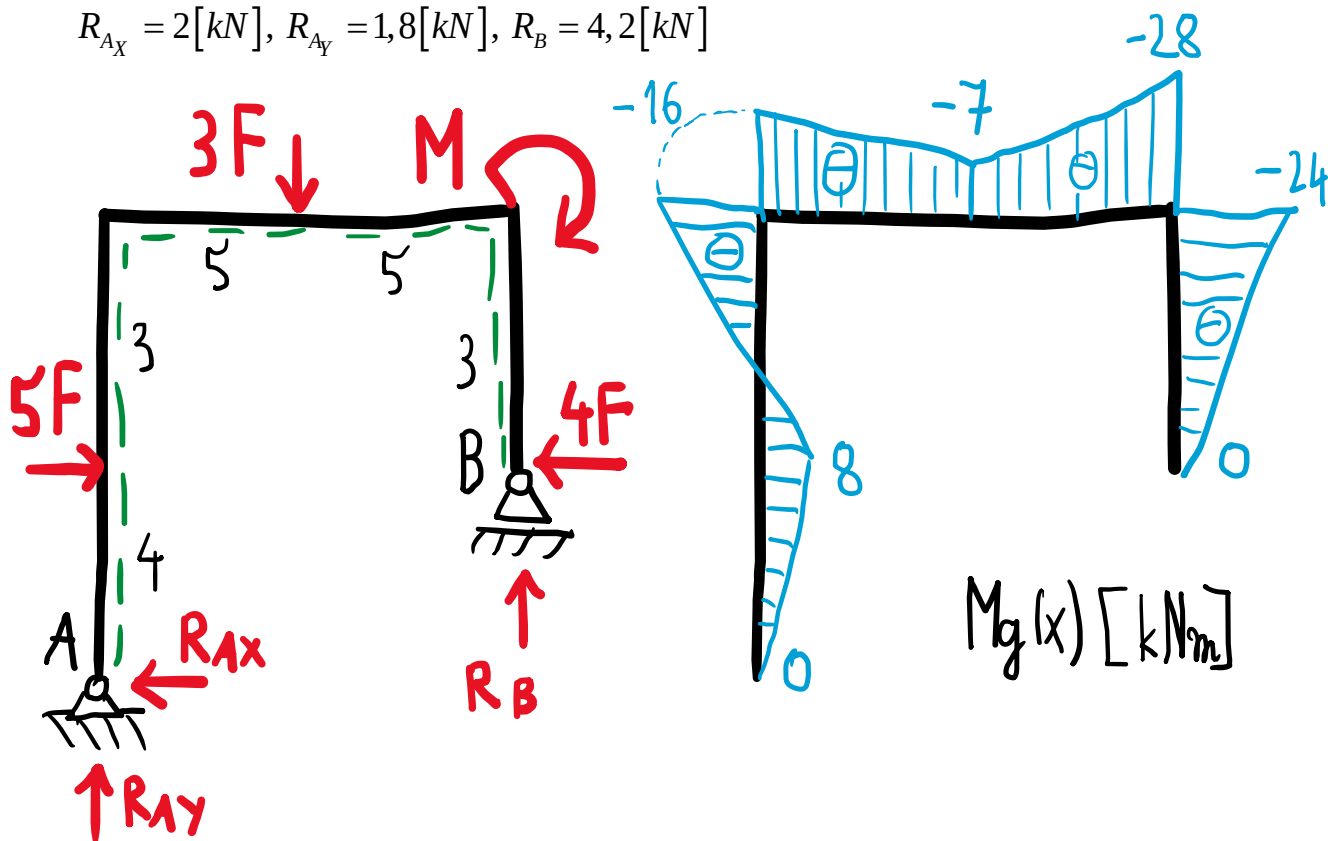
9) c

10) b

Część 2: ZADANIA

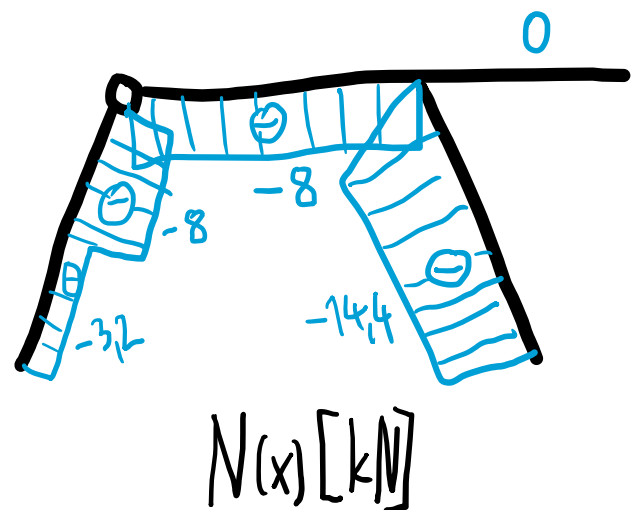
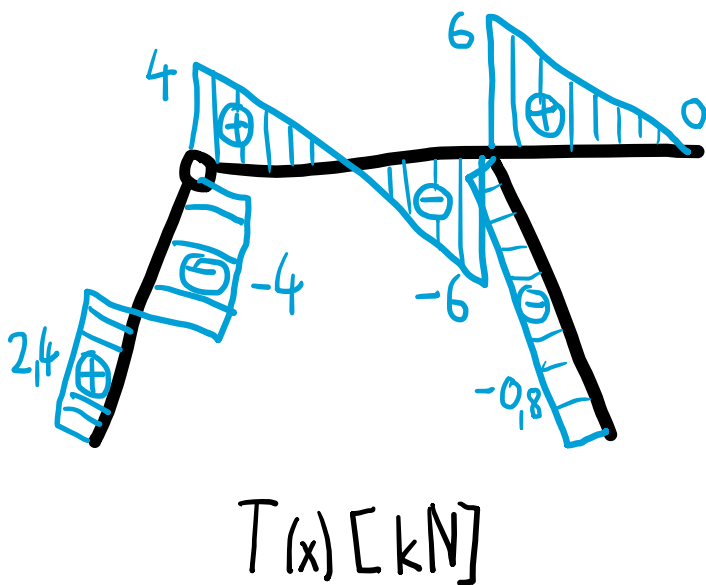
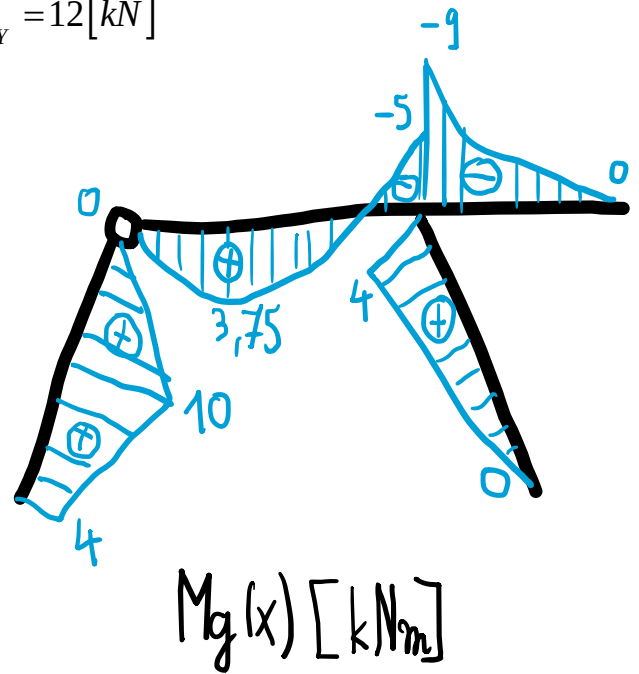
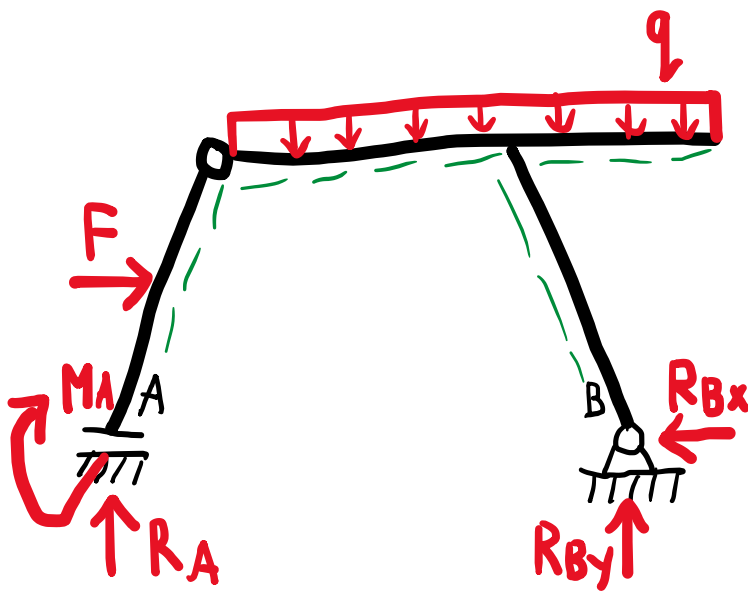
Zad. 1

$$R_{Ax} = 2[kN], R_{Ay} = 1,8[kN], R_B = 4,2[kN]$$



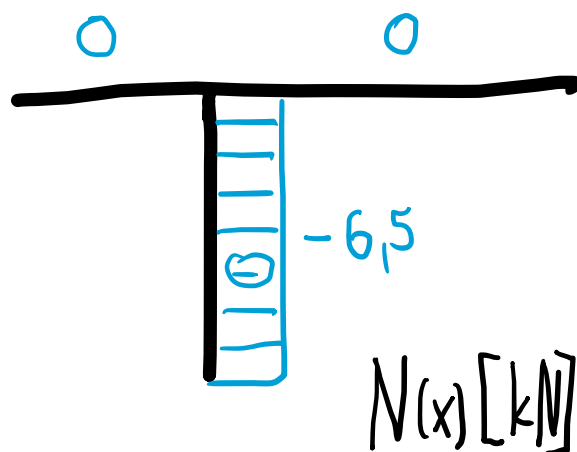
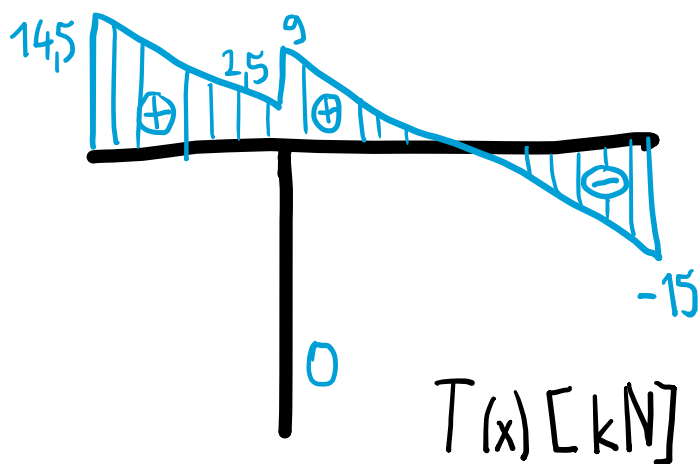
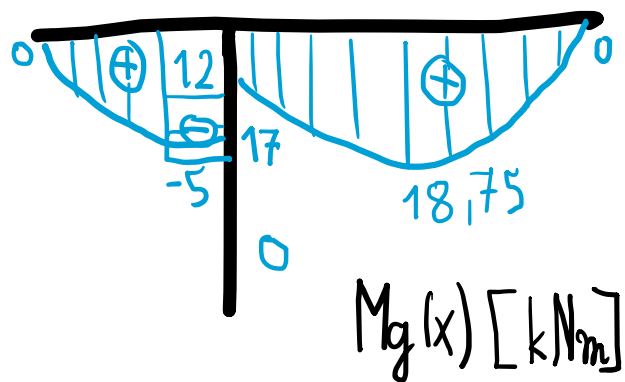
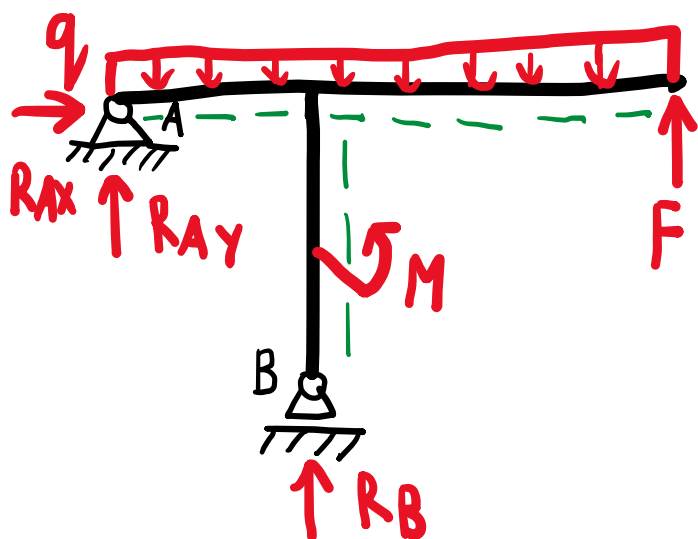
Zad. 2

$$R_A = 4[kN], M_A = 4[kNm], R_{Bx} = 8[kN], R_{By} = 12[kN]$$



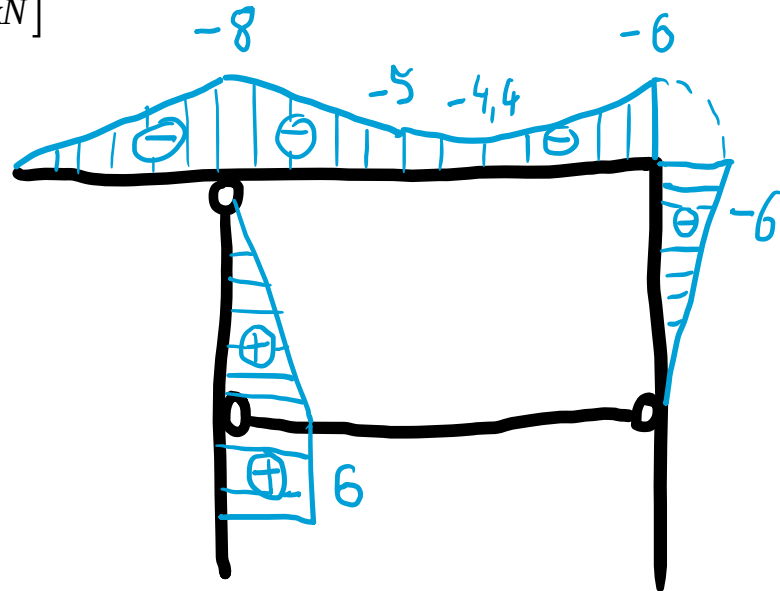
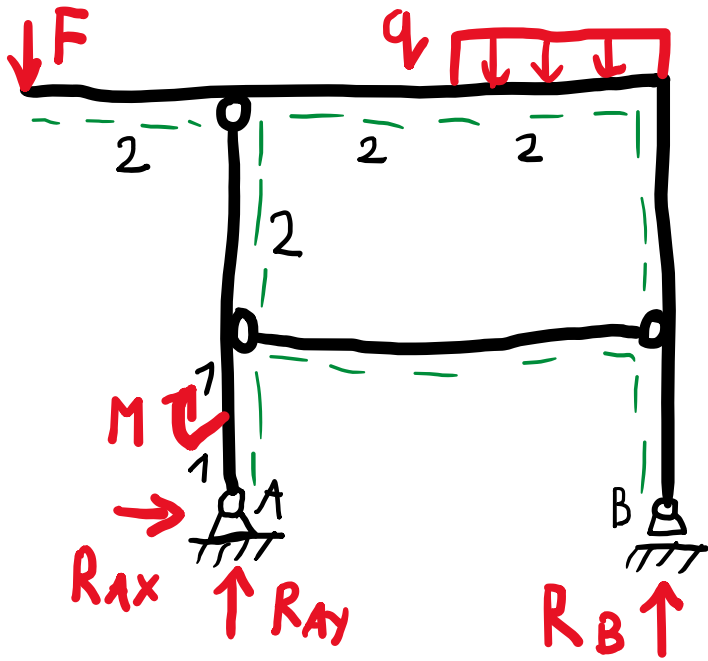
Zad. 3

$$R_{Ax} = 0[kN], R_{Ay} = 14,5[kN], R_B = 6,5[kN]$$

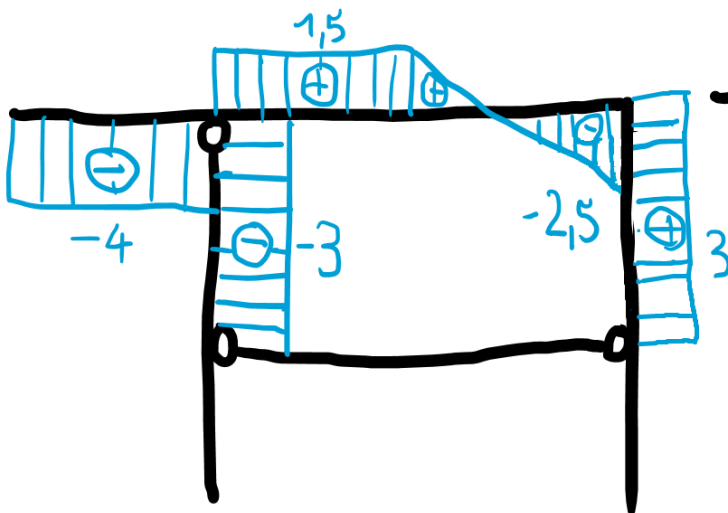


Zad. 4

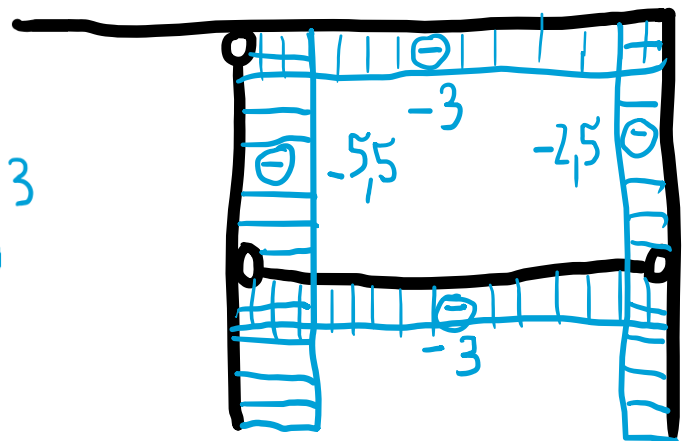
$$R_{Ax} = 0[kN], R_{Ay} = 5,5[kN], R_B = 2,5[kN]$$



$M_q(x)$ [kNm]



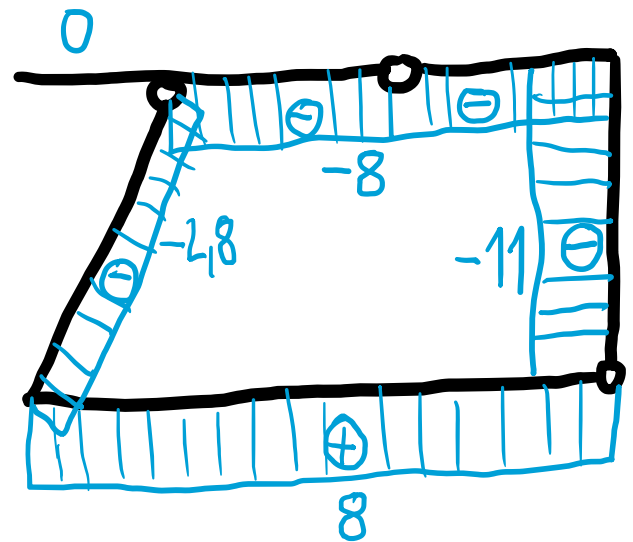
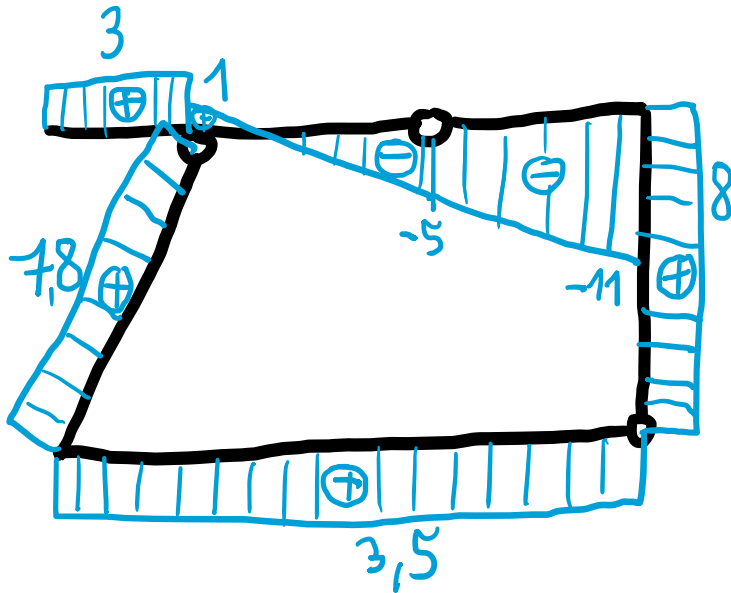
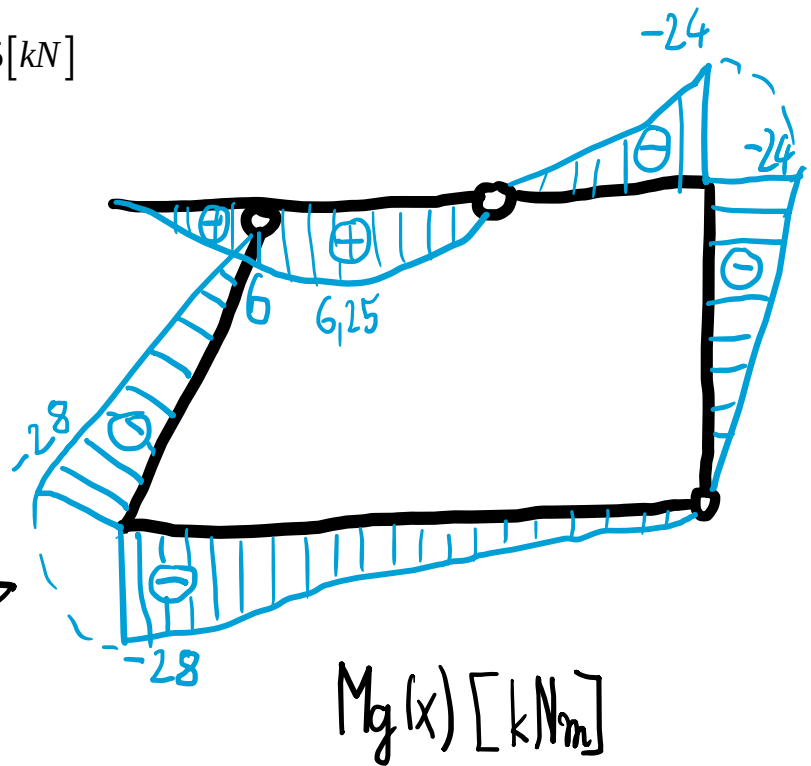
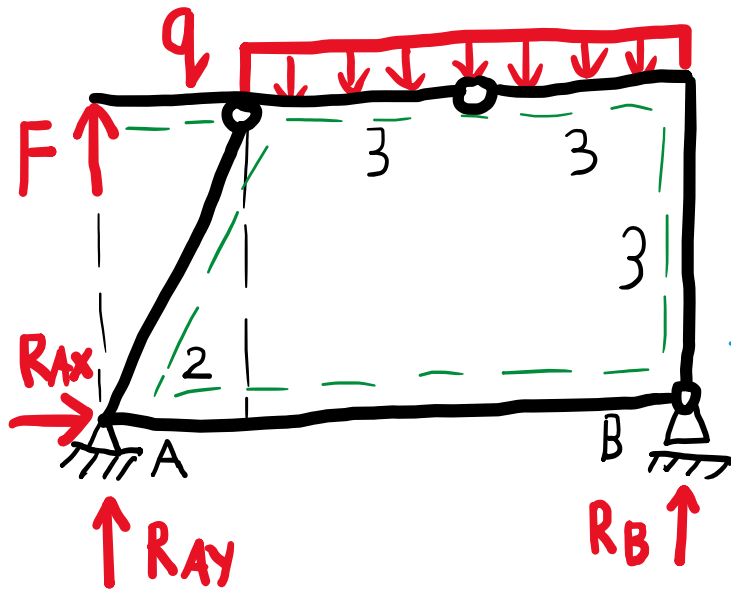
$T(x)$ [kN]



$N(x)$ [kN]

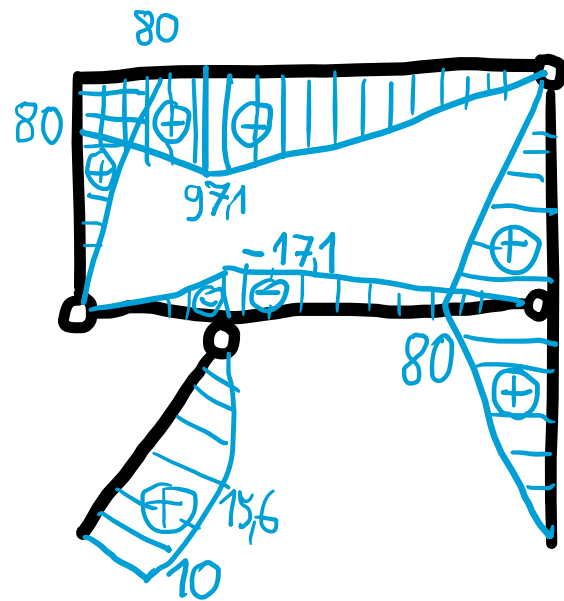
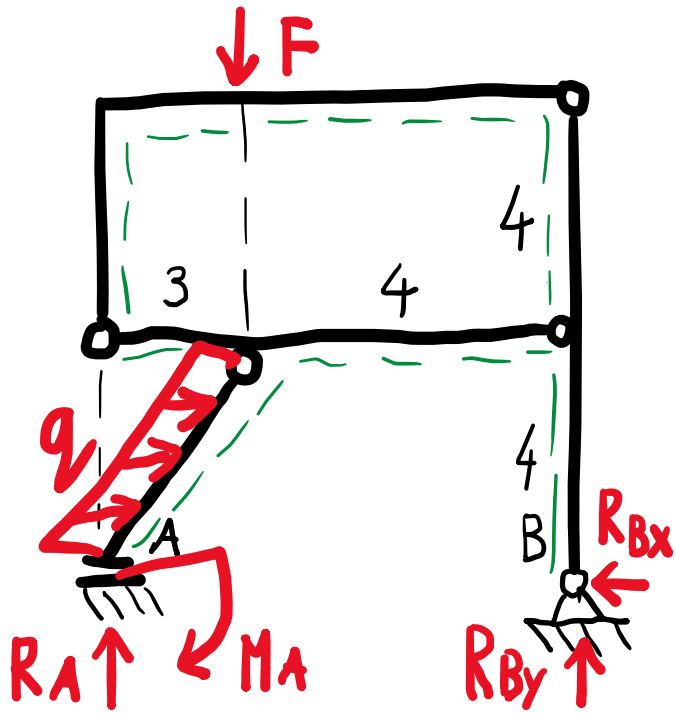
Zad. 5

$$R_{Ax} = 0[kN], R_{Ay} = 1,5[kN], R_B = 7,5[kN]$$

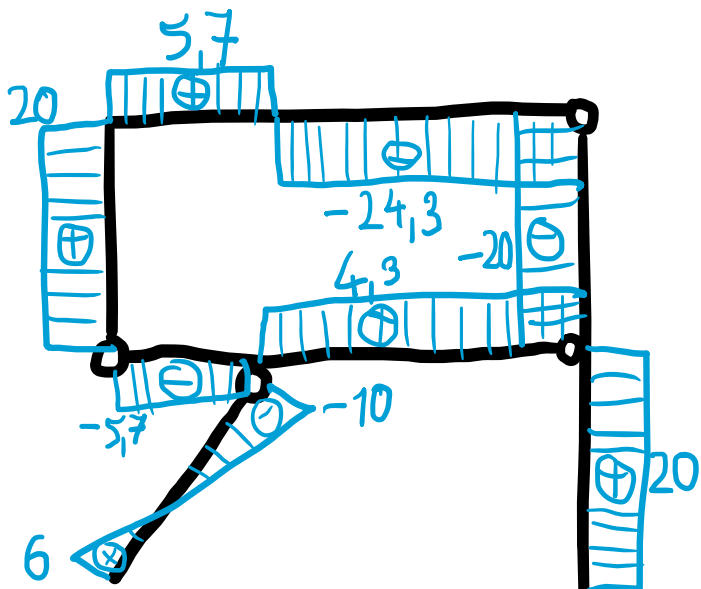


Zad. 6

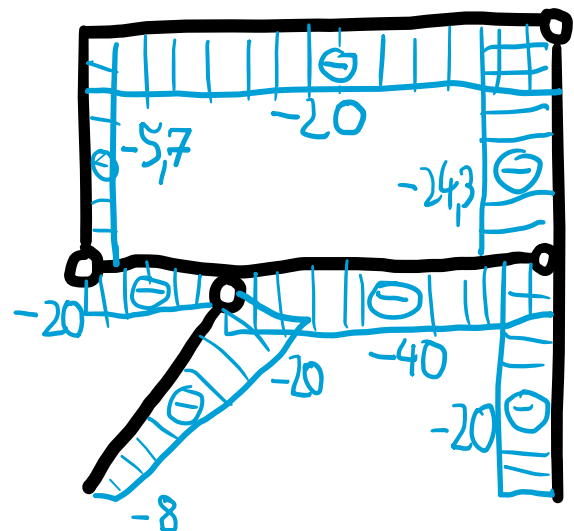
$$R_A = 10[kN], M_A = 10[kNm], R_{Bx} = 20[kN], R_{By} = 20[kN]$$



$M_g(x)$ [kNm]



$T(x)$ [kN]



$N(x)$ [kN]

KONIEC