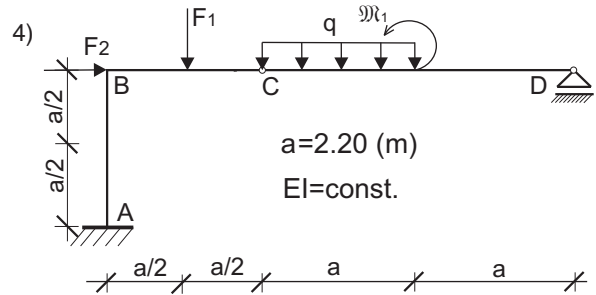
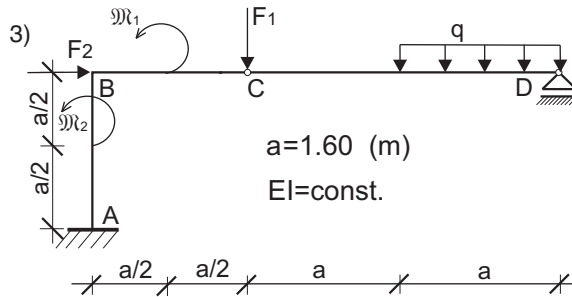
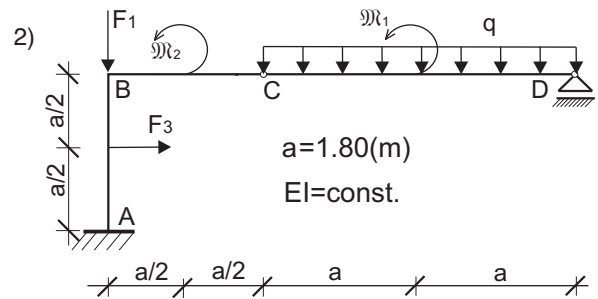
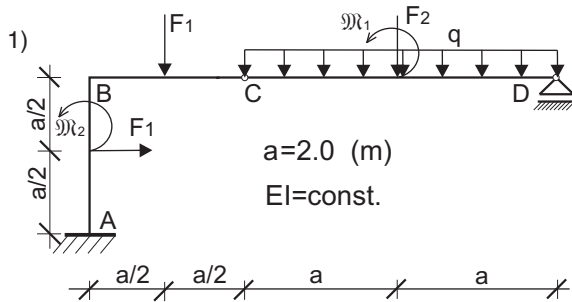


## 4. ZADATAK

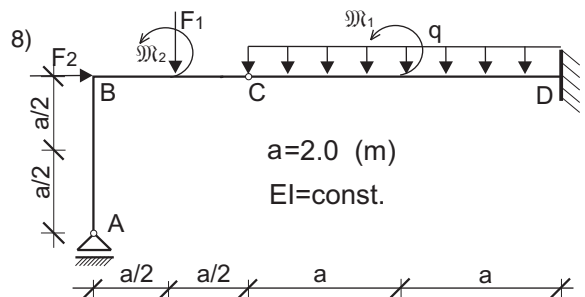
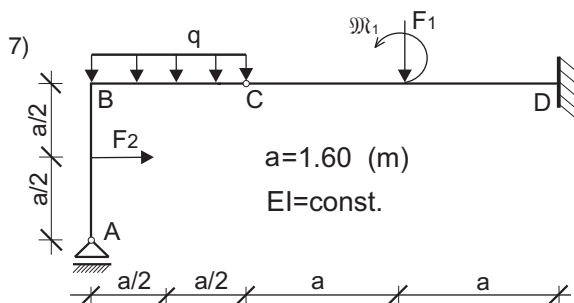
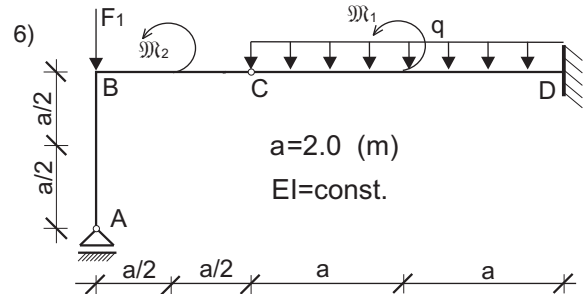
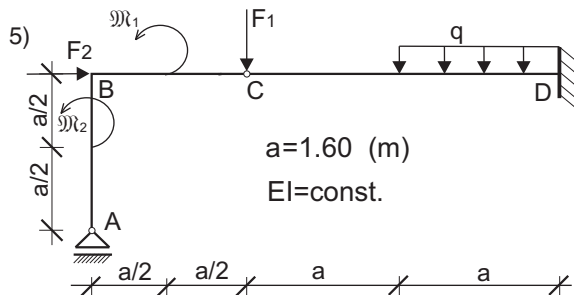
a) Za zadati nosač:

- nacrtati dijagrame presečnih sila,
- odrediti horizontalno pomeranje čvora D i vertikalno pomeranje čvora C.



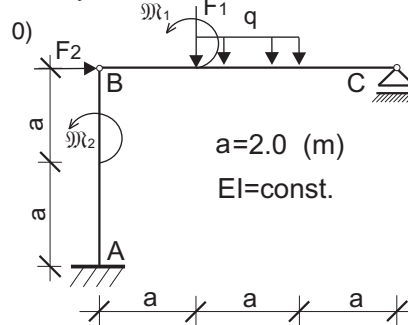
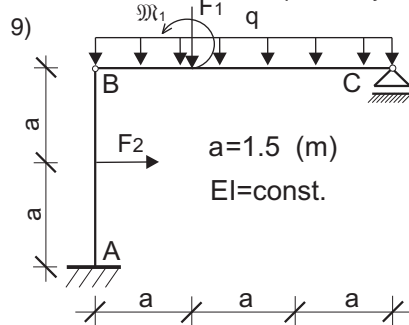
b) Za zadati nosač:

- nacrtati dijagrame presečnih sila,
- odrediti vertikalno pomeranje čvora C i horizontalno pomeranje oslonca A.



c) Za zadati nosač:

- nacrtati dijagrame presečnih sila,
- odrediti horizontalno pomeranje čvora C i obrtanje čvora B.



Datum:

Vrednosti opterećenja uz zadatak br.4

- 1)  $M_1=30$  kNm  $M_2=0$  kNm  $F_1=35$  kN  $F_2=0$  kN  $q=15$  kN/m
- 2)  $M_1=0$  kNm  $M_2=10$  kNm  $F_1=0$  kN  $F_2=30$  kN  $q=10$  kN/m
- 3)  $M_1=-30$  kNm  $M_2=0$  kNm  $F_1=0$  kN  $F_2=25$  kN  $q=20$  kN/m
- 4)  $M_1=0$  kNm  $M_2=-10$  kNm  $F_1=35$  kN  $F_2=0$  kN  $q=15$  kN/m
- 5)  $M_1=15$  kNm  $M_2=0$  kNm  $F_1=45$  kN  $F_2=0$  kN  $q=15$  kN/m
- 6)  $M_1=0$  kNm  $M_2=10$  kNm  $F_1=0$  kN  $F_2=30$  kN  $q=10$  kN/m
- 7)  $M_1=-30$  kNm  $M_2=0$  kNm  $F_1=35$  kN  $F_2=0$  kN  $q=20$  kN/m
- 8)  $M_1=0$  kNm  $M_2=-10$  kNm  $F_1=0$  kN  $F_2=-20$  kN  $q=25$  kN/m
- 9)  $M_1=-20$  kNm  $M_2=0$  kNm  $F_1=80$  kN  $F_2=0$  kN  $q=18$  kN/m
- 0)  $M_1=0$  kNm  $M_2=10$  kNm  $F_1=0$  kN  $F_2=50$  kN  $q=24$  kN/m

\*Kako odabrati zadatak: Prema broju indeksa bez godine upisa studija

-Prvi broj indeksa daje vrednost opterećenja - Drugi broj indeksa daje oblik nosača

Datum:

Predmetni nastavnik

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