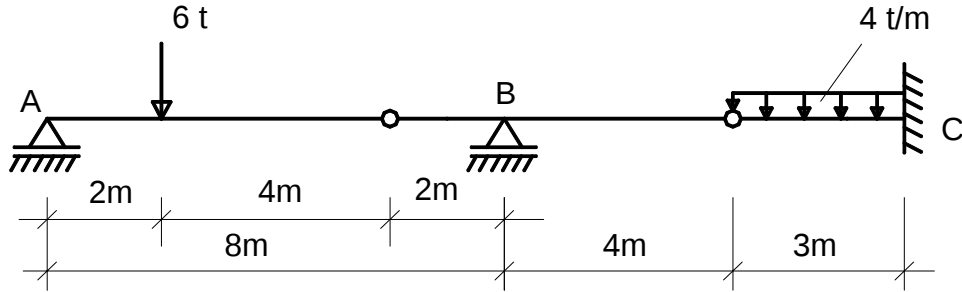


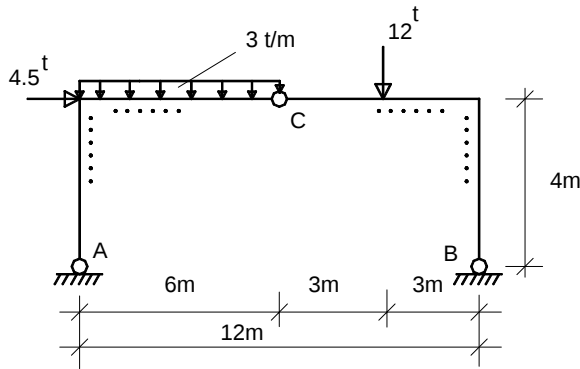
## YAPI STATİĞİ YARIYIL İÇİ SINAVI

### SORU 1:



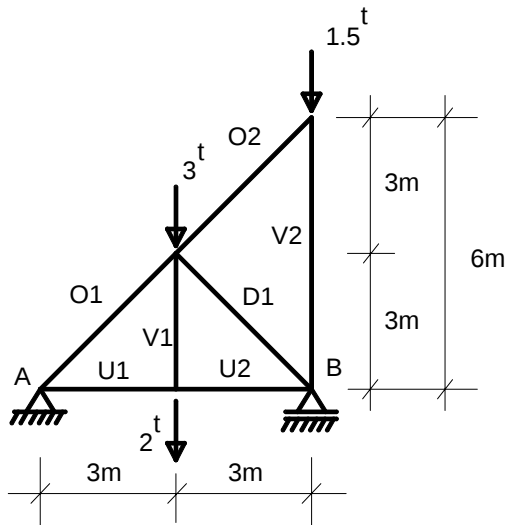
Şekilde ölçüleri ve yükleme durumu verilen mafsallı sürekli kirişte T ve M iç kuvvet diyagramlarını çiziniz.

### SORU 2:



Şekilde ölçüleri ve yükleme durumu verilen çerçevede N,T,M iç kuvvet diyagramlarını çiziniz.

### SORU 3:

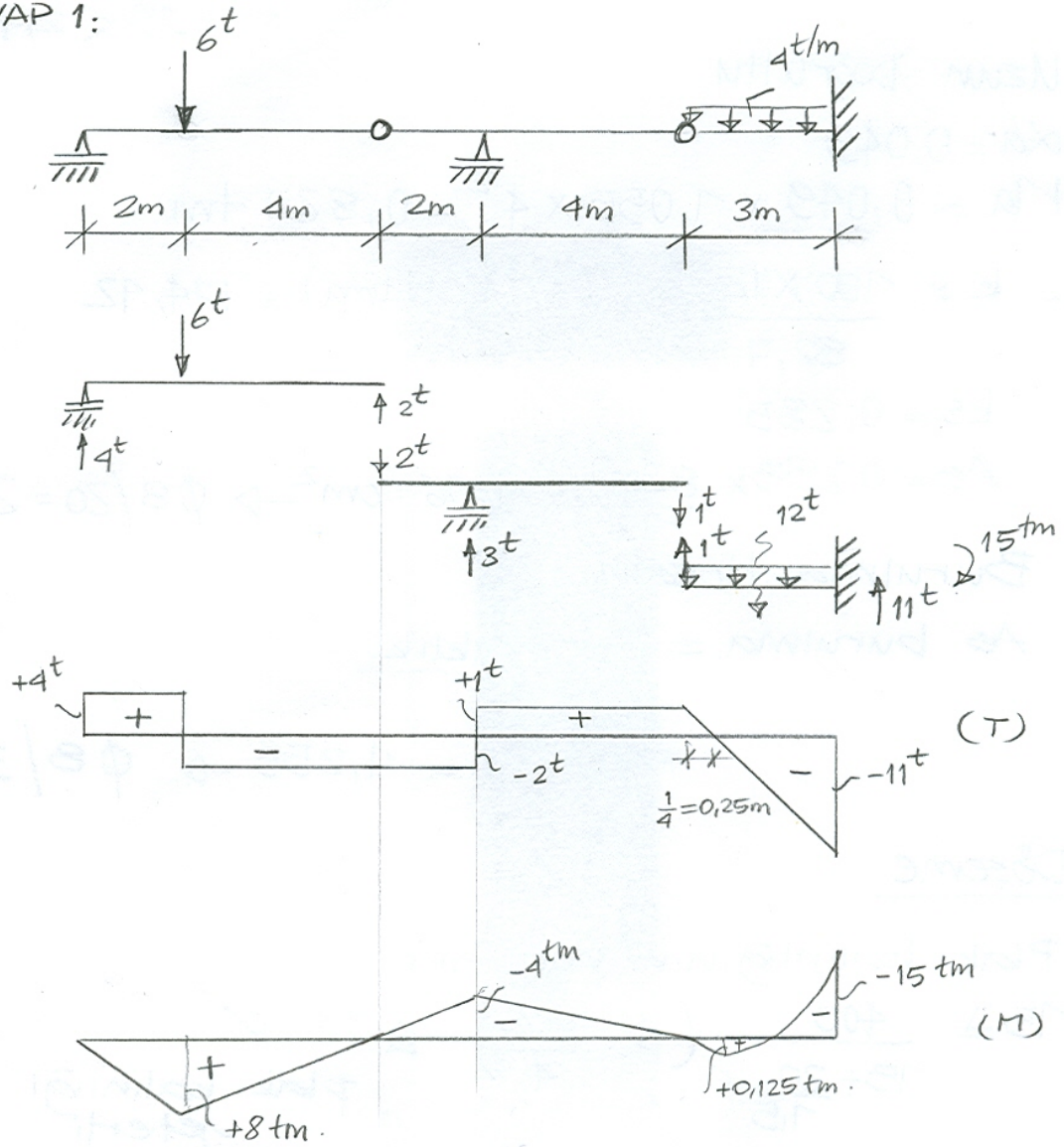


Şekilde ölçüleri ve yükleme durumu verilen kafes sistemde CREMONA yöntemi ile çubuk kuvvetlerini hesaplayıp sonuçları bir tabloda özetleyiniz.

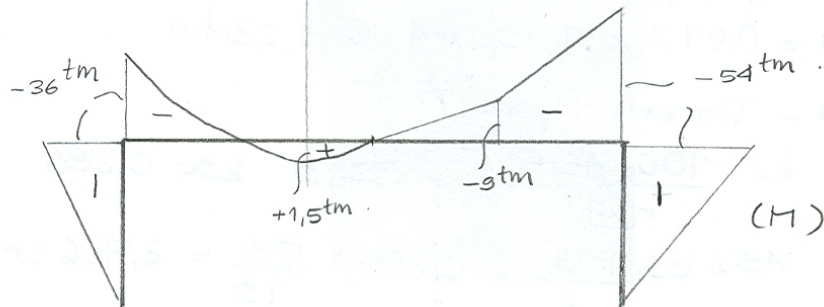
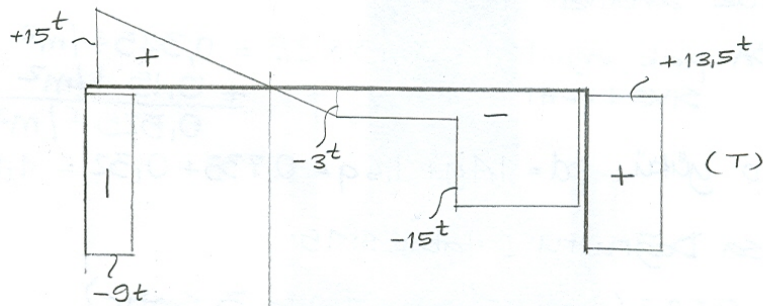
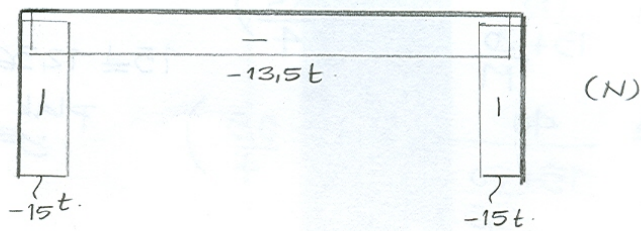
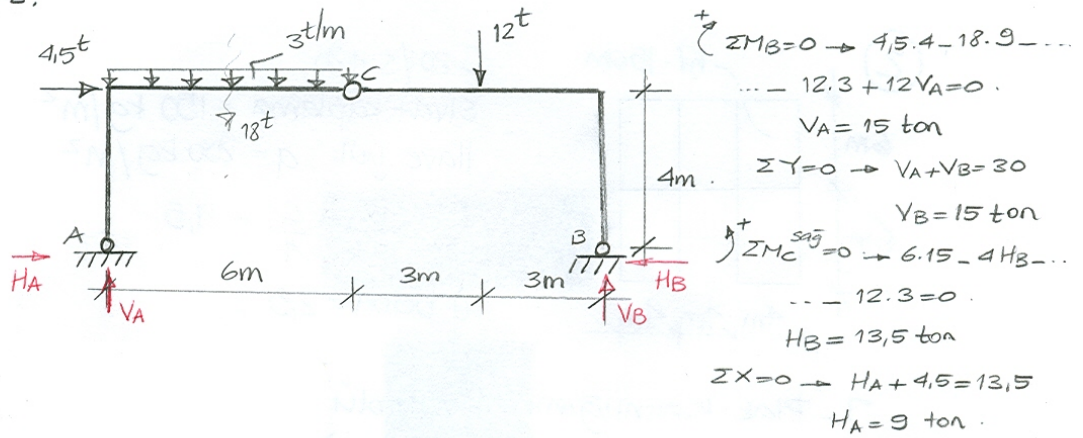
**Kuvvet Ölçeği: 1 cm=1 ton**

# YAPI STATİĞİ YARIYIL İÇİ SINAVI CEVAPLARI

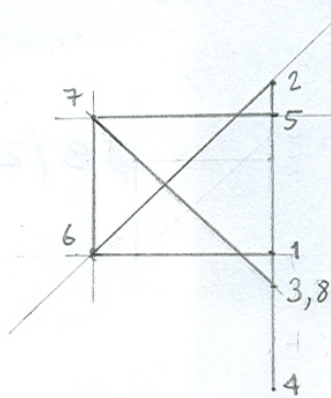
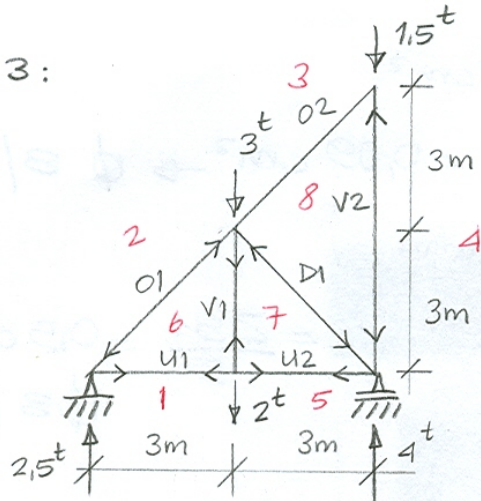
CEVAP 1:



CEVAP 2;



CEVAP 3:



| subuk | sekme | basinc |
|-------|-------|--------|
| 01    |       | 3,6    |
| 02    |       | 0      |
| u1.   | 2,6   |        |
| u2    | 2,6   |        |
| v1    | 2     |        |
| v2    |       | 1,5    |
| D1    |       | 3,6    |