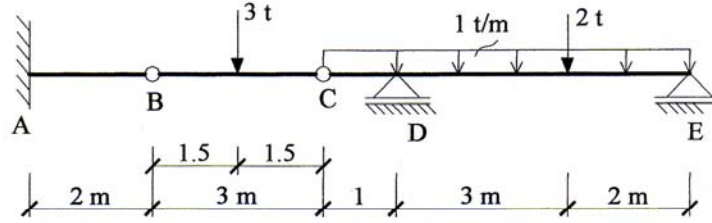


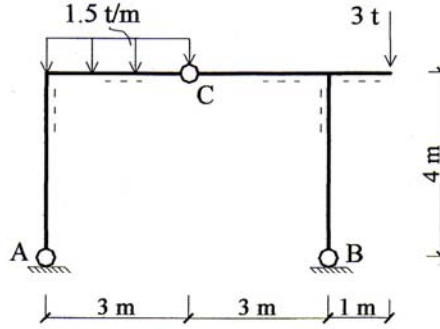
**Yapı Statik
Yılı Sınavı**

1)



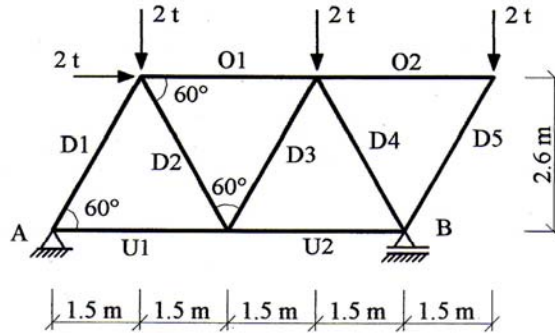
Şekilde ölçüleri ve yükleme durumu verilen mafsallı sürekli kirişin T ve M iç kuvvet diyagramlarını çizin.

2)



Şekilde ölçüleri ve yükleme durumu verilen üç mafsallı çerçevenin N, T ve M iç kuvvet diyagramlarını çizin.

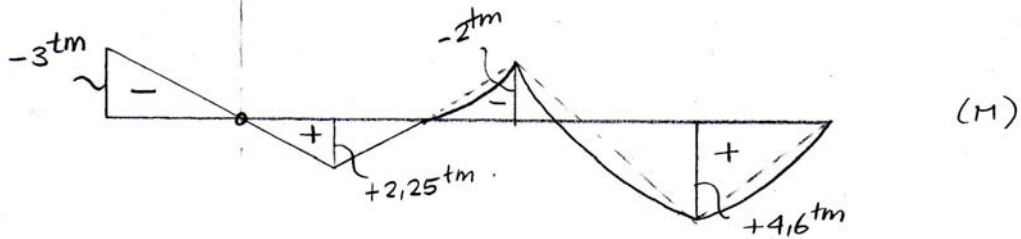
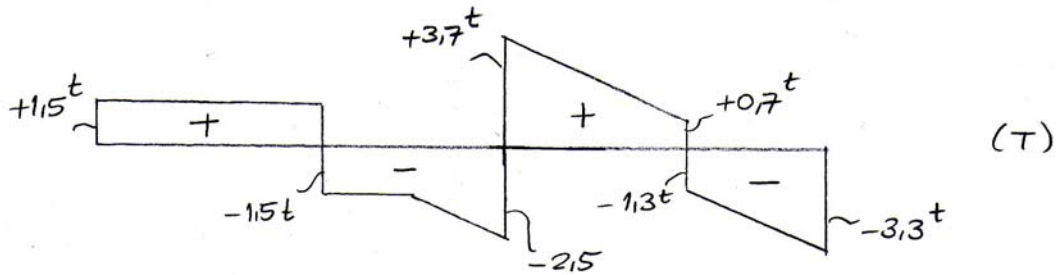
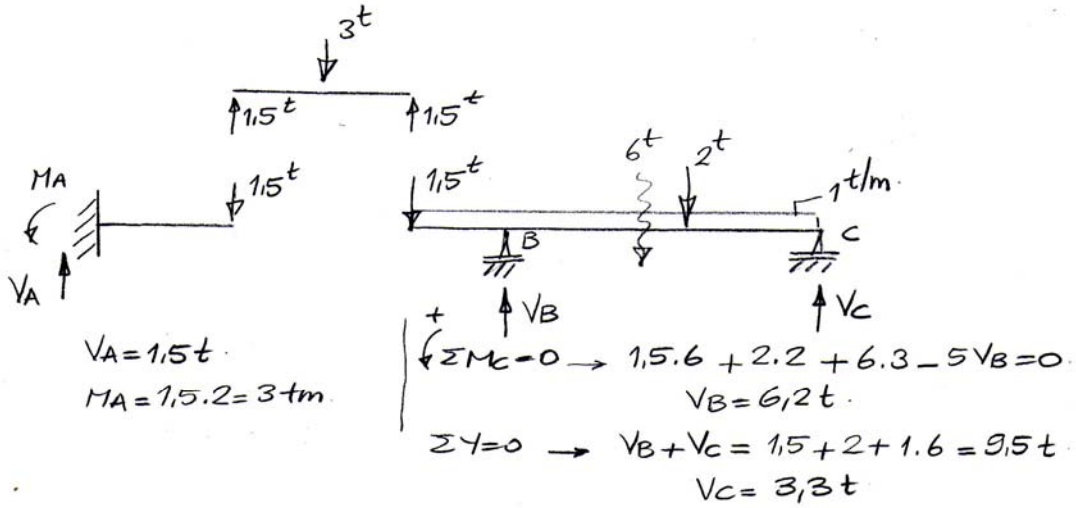
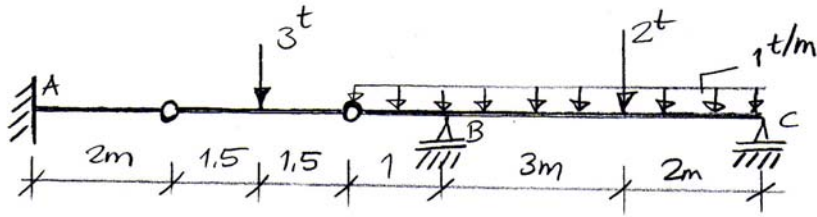
3)



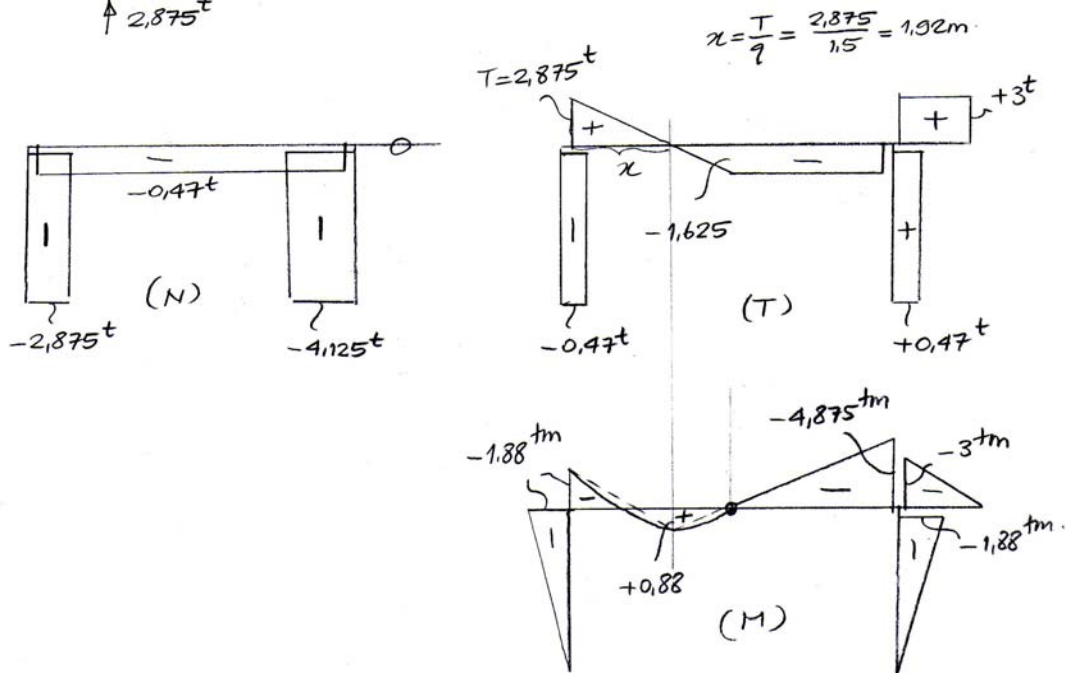
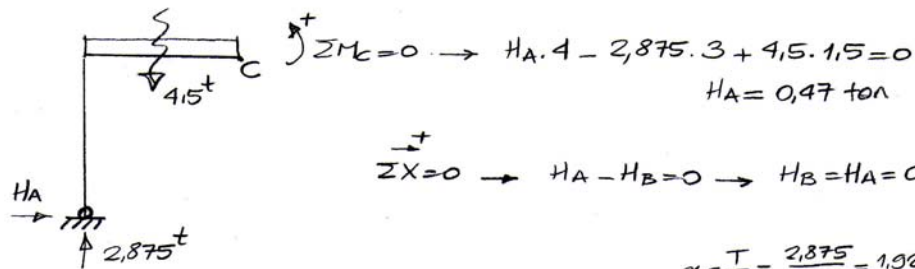
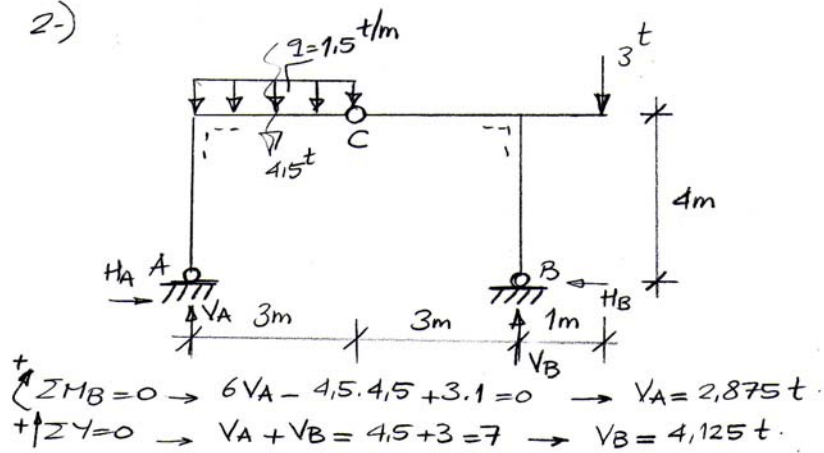
Şekilde ölçüleri ve yükleme durumu verilen kafes sistemde bütün çubuk kuvvetlerini CREMONA yöntemi ile hesaplayınız. Sonuçları bir tabloda özetleyiniz.

CEVAPLAR

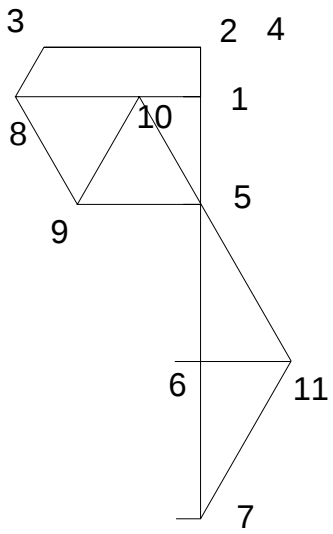
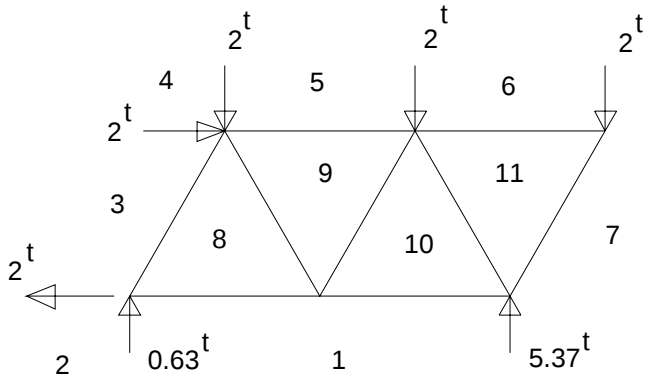
1-)



2-)



3)



	çekme	basınç
O1		1.57
O2	1.15	
U1	2.36	
U2	0.78	
D1		0.73
D2		1.58
D3	1.58	
D4		3.90
D5		2.30