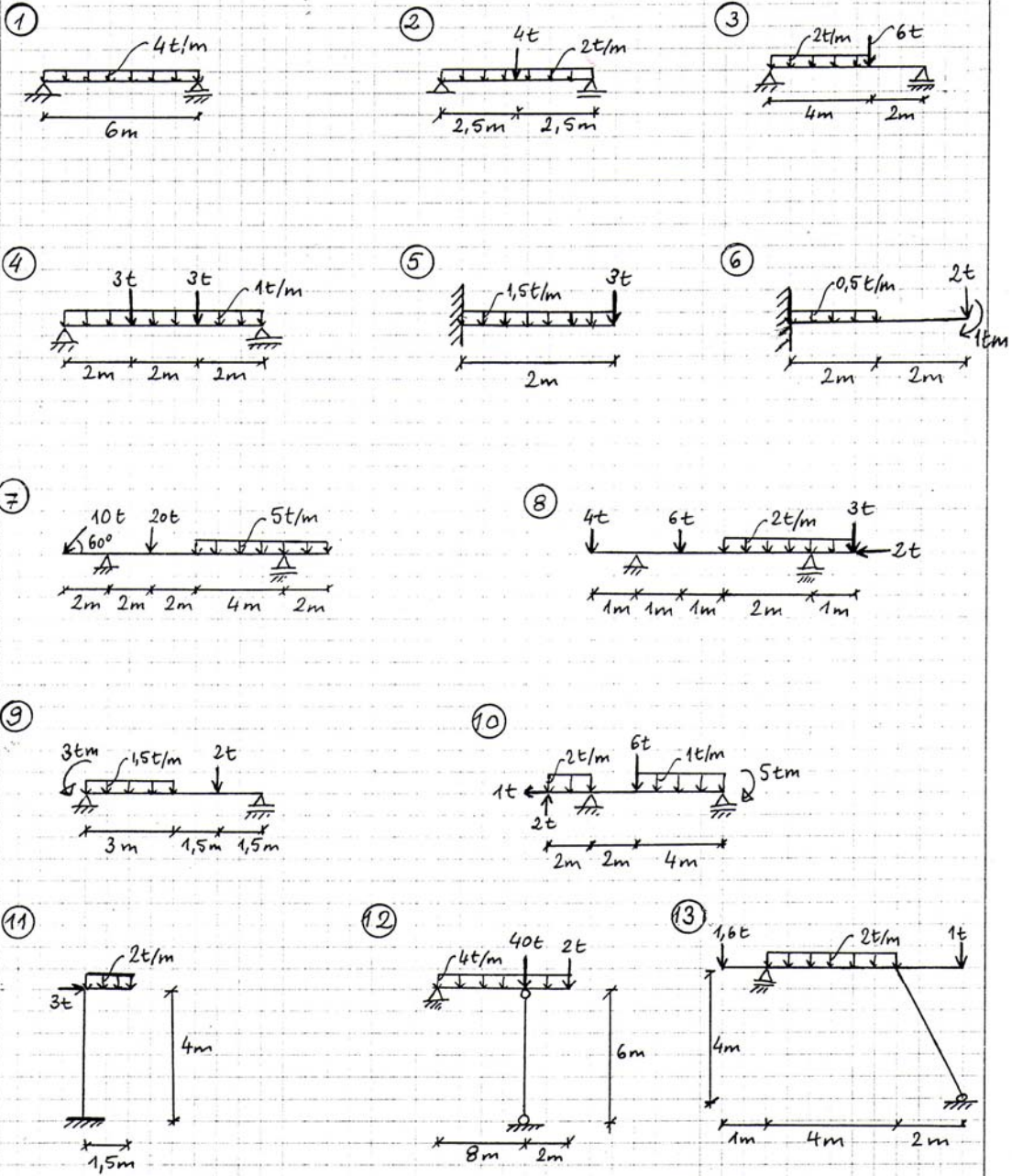
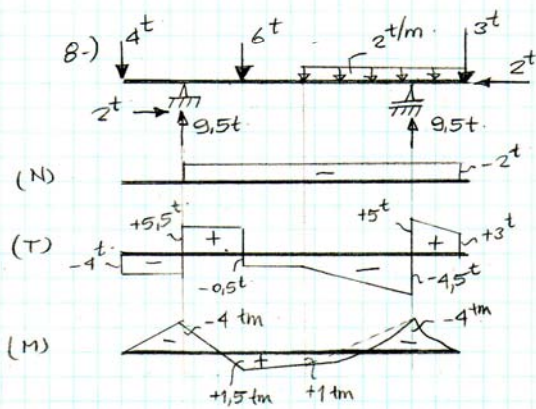
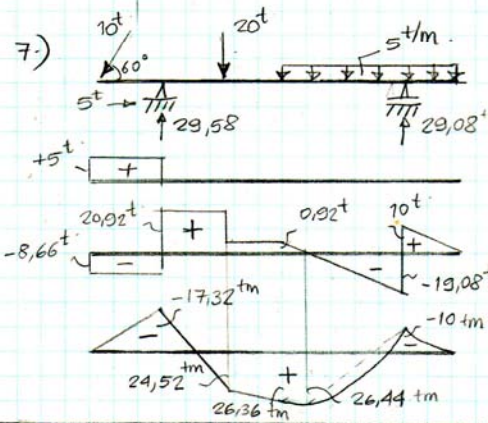
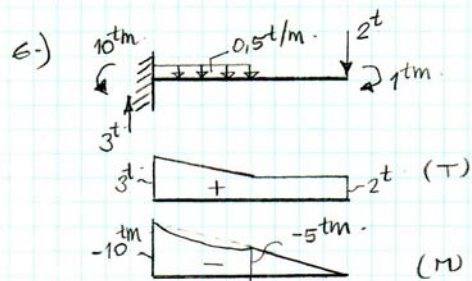
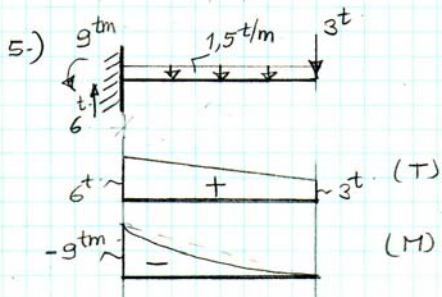
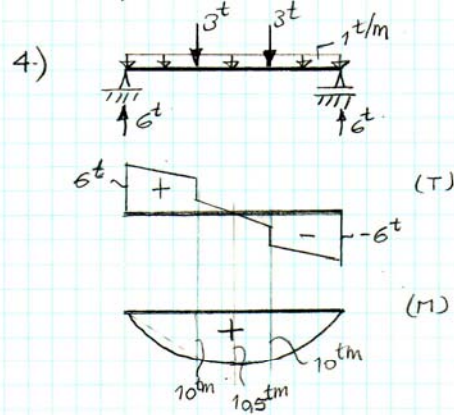
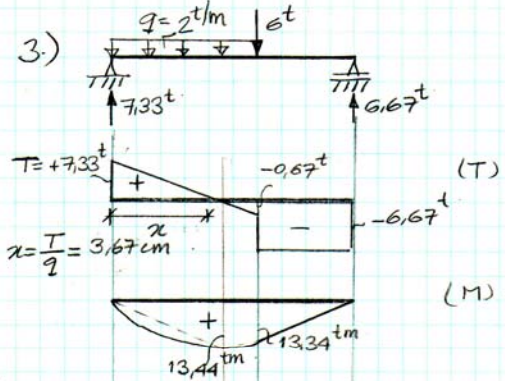
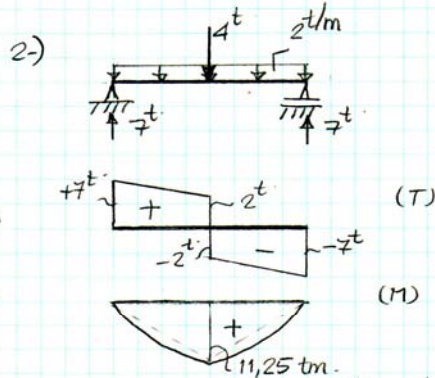
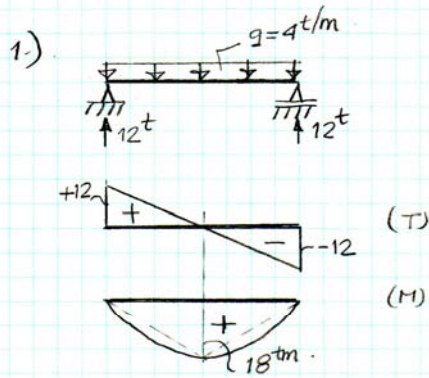
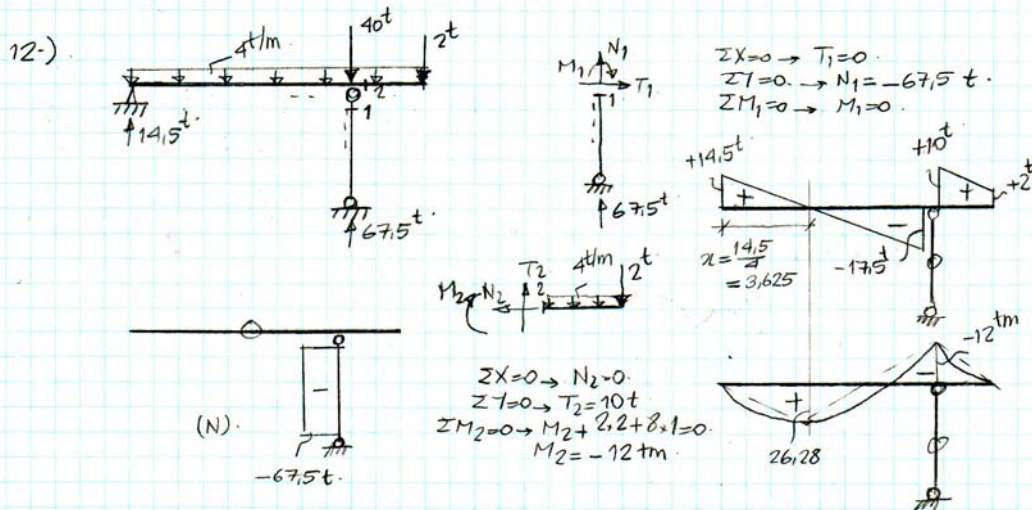
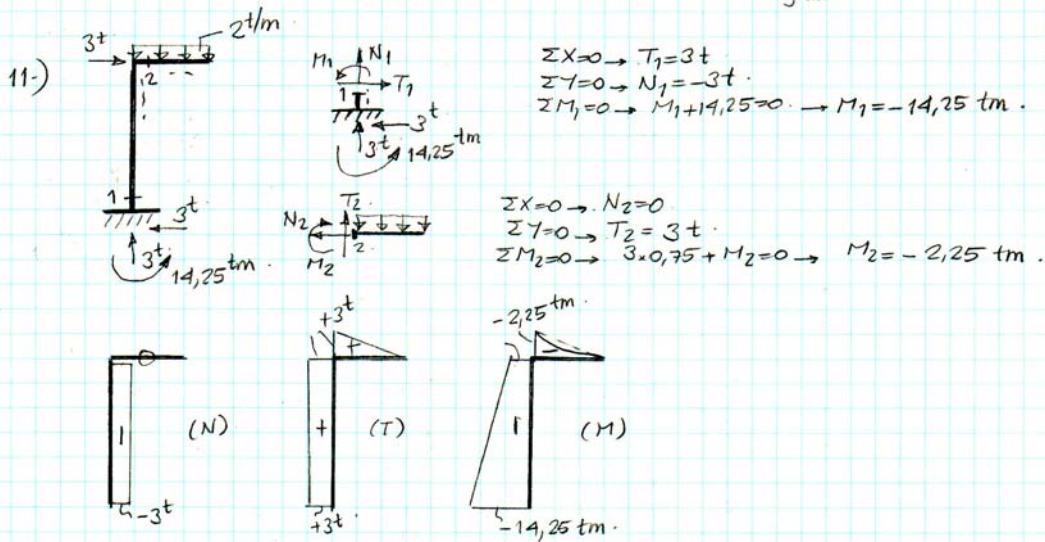
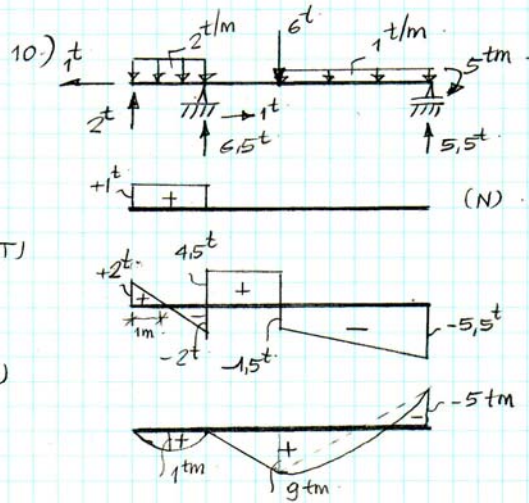
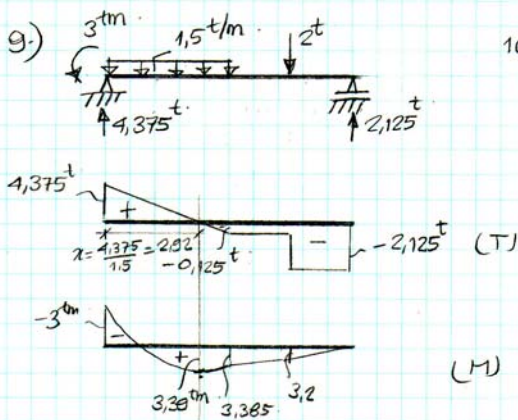


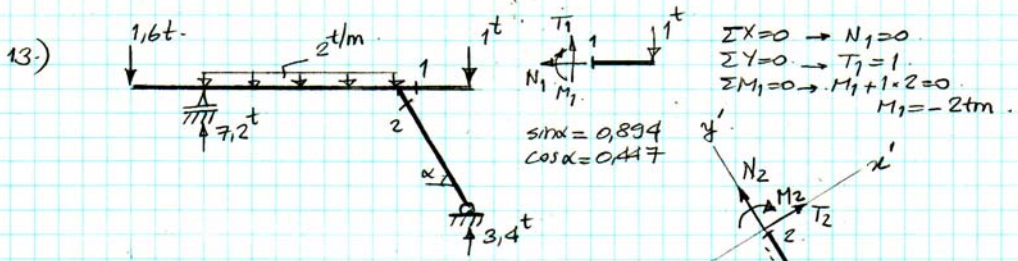
UYGULAMA 1 İÇ KUVVET DİYAGRAMLARI - 2



Yukarıda verilen taşıyıcı sistemlerin N, T, M diyagramlarını çiziniz.

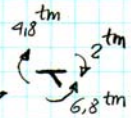
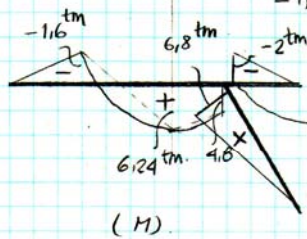
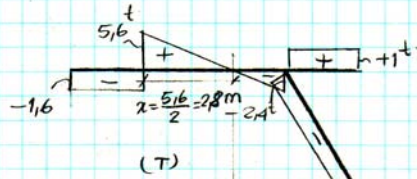
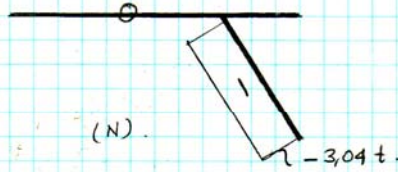






$\sum X' = 0 \rightarrow T_2 + 3.4 \cos \alpha = 0 \rightarrow T_2 = -1.52 t$
 $\sum Y' = 0 \rightarrow N_2 + 3.4 \sin \alpha = 0 \rightarrow N_2 = -3.04 t$
 $\sum M_2 = 0 \rightarrow 3.4 \cdot 2 - M_2 = 0 \rightarrow M_2 = 6.8 \text{ tm}$

N_2 ve T_2 'yi bulmak için kuvvet yerine bileşenleri düşüncüsek daha rahat hesap yapabiliriz



Düğüm noktasındaki momentler denge de olmalıdır.