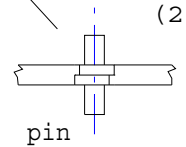
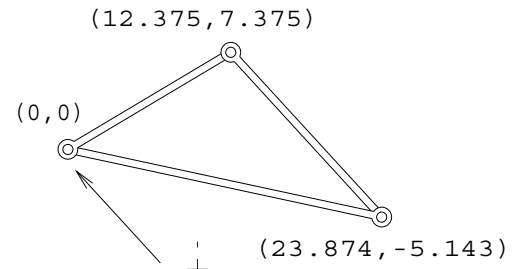
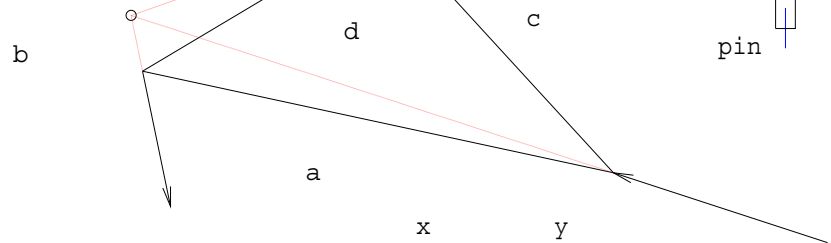
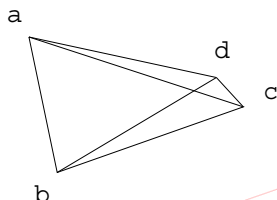
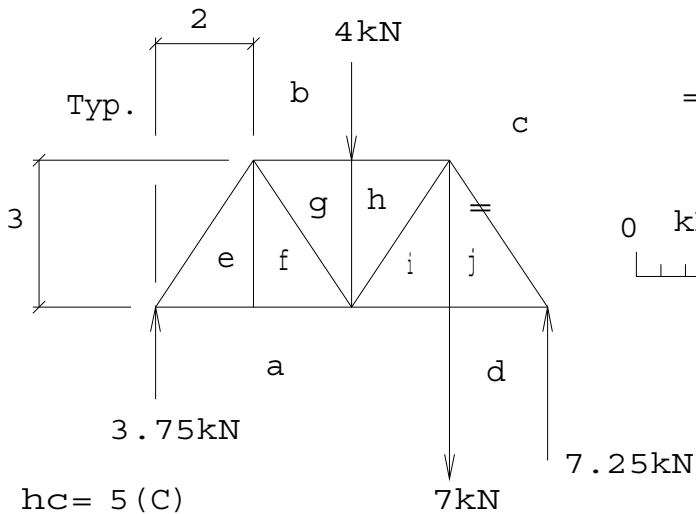


Complete the Maxwell's diagram on the right. Tabulate all member force magnitudes and (T) or (C).

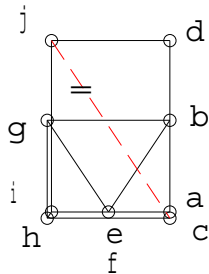
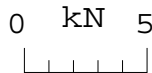
R_R



		x	y	
ab=	7kN	1.421	-6.854	
bc=	10kN	9.434	3.317	
ca=	11.417kN	-10.855	3.537	
bd=	9.392kN	8.068	4.808	(T)
da=	9.707kN	-9.489	2.046	(C)
dc=	2.022kN	1.366	-1.491	(C)



= check



- hc = 5 (C)
- hi = 0.3 (T)
- ia = 4.833 (T)
- ij = 7 (T)
- jd = 4.833 (T)
- jc = 8.713 (C)

check \rightarrow $\begin{matrix} 3 \\ \triangle \\ 2 \end{matrix}$

- be = 4.507 (C)
- ea = 2.500 (T)
- ef = 0
- fa = 2.500 (T)
- bg = 5 (C)
- gf = 4.507 (T)
- hg = 4 (C)