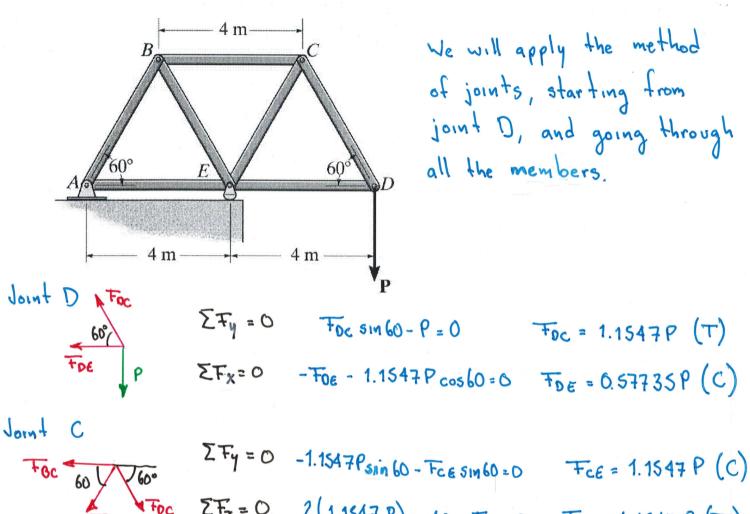
If the maximum force that any member can support is 8 kN in tension and 6 kN in compression, determine the maximum force \mathbf{P} that can be supported at joint D.



The Tag
$$\Sigma F_{y}=0$$
 -FAB SIM 60 - FBE SIM 60 = 0 FAB = 1.1547 P(T)

1.1547 P - 2 FAB COS 60 = 0 FBE = 1.1547 P(C)