





- need BE, CD, DG, EF 6.44 **H**: - 6(4) - 9(16) - 12(24) + Hy (32)=0 MH = Hy (32) = 480 Hy = 15 kips 6 kgs 9 12 kgs - Ay: & Fy = 0 -6 - 9 - 12 + Hy + Ay = 0 - 27 +15 + Ay =0 Joint C: $\frac{1}{4}$ $\frac{3}{4}$ Ay = 12 kips 9 : 36.87° & FLD = 0 -FCD - FGD -- D - FcD = FaD FGD = D FCD = O & FBE = 0 Ay - 6 - FBE sin (36.870) + FCD (Sin 36.870) -- 0 12-6-FBE (Sin 36.57) + 0 = 0 FBE = 9.999 kips = 10.00 kips 2FFE - 0 Hy - 12 - FFE (Sin 36. 47) + Fap (sin 36.87) = 0 15 - 12 - FAE (5:436.47) + 0 : 0 FFE = 4.999 = 5.00 kips





