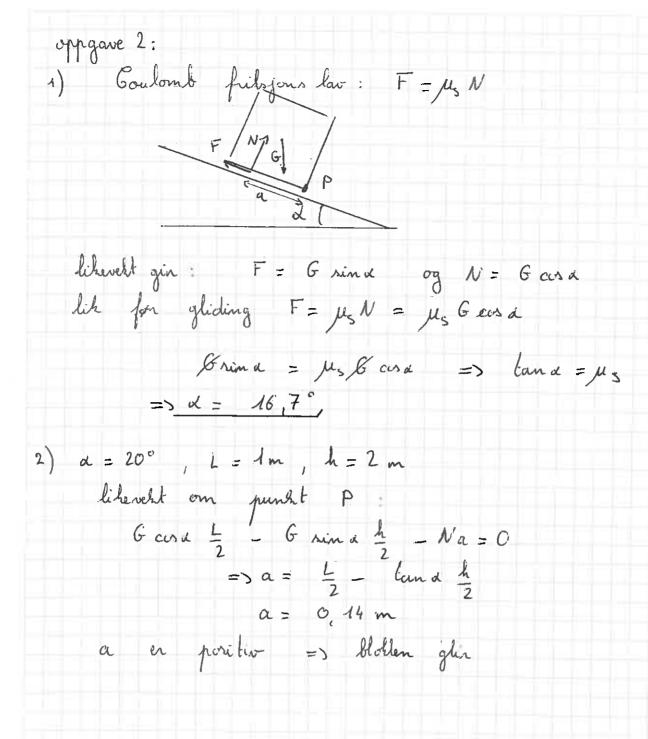
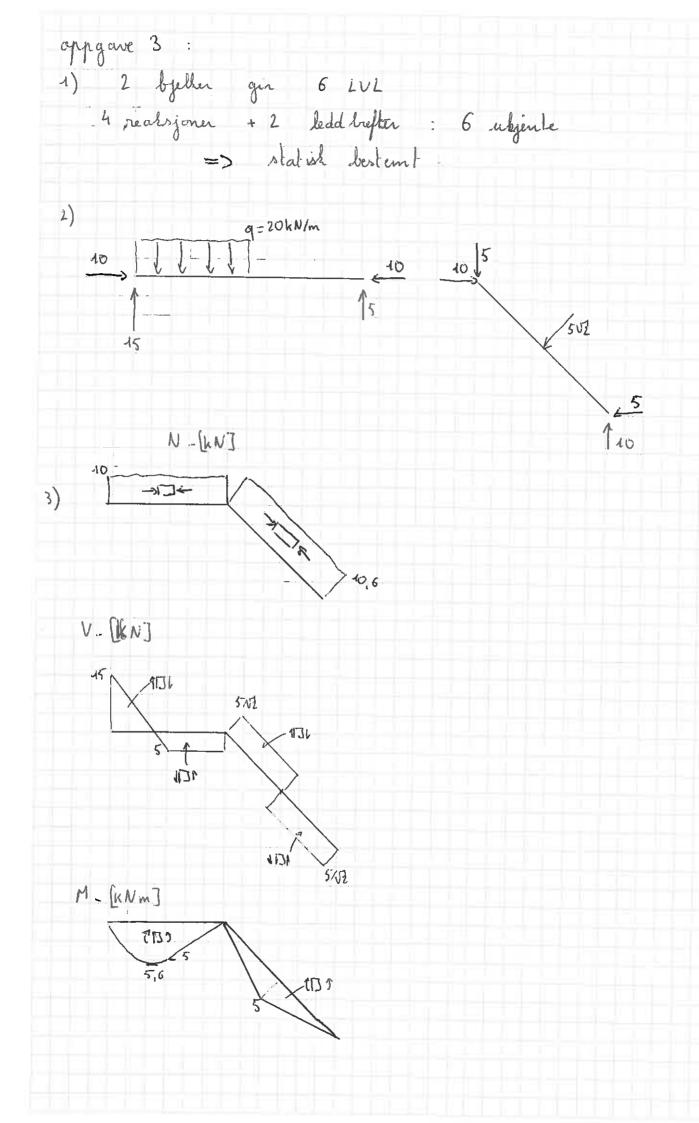
oppagare !: 1) 3 kplt ] 2 LV2 per kplt 3 realizoner ] 6 ulyente 6(LVL) = 6 uljunte) 3 stover => statish besternt 10 B 2-3) [KN] 10/13 4) [Smax : maximal normals penning i faquerl 16 marc = 10 1 = 50 MPa n = 150 = 3 (sikherhet mot flytning) (Her: 11) problem Tresca => Mises)





## app gave 4 1) 6x = Pr = 100 HPa бу = Pr = 200 MPa $C_{xy} = \frac{T}{2 \pi^2 t} = 80 \text{ MPa}$ 2) 61 = 6x+6x + (6x-6x)2+ 6xy 6, = 244 MPa 62 = 56 MPa φ. = arctan (6,-6, ) = 61° \$\phi\_2 = \phi\_1 + 90° = 151° 3) 6= 6x2-= 6x2 =0 $\mathcal{E}_{x} = \frac{1}{F} \left( \delta_{x} - 0 \delta_{y} \right) = 2.10^{-4}$ Txy = 1 Gxy = 1.03.103 Ey = 1 (6y - 06x) = 8,5 10-4 E45 = Exity + 1/2 /xy = 1.04.10 4) - 15t = Ez t (= Ert) Ez = -= (6x+6,) = -4,5.10-4 Dt = -4,5,10-3 mm 5) Når T=0 Gxy =0, 6x 0g d, er hovedrpinninger 6, - 6 max , 6 min = 0 Tresca <=> 6 mare - 6 min = fy <=> fr = fy p= 12,5 MPa