$$kN = kilo - Newton \\ m = meter \\ 03_{np} = \sqrt{(1^2 + 4^2)} = 4.123106m \\ \Sigma F horizontal = H_0 = 0 \\ \Sigma F op - ned \longrightarrow F_0 + F_2 = 118.2 \, kN \\ F_2 : For a tregne skal vi bruge denne formel: \\ F_{1po} * F_1 + F_{1m} * 0 - 3_{np} * \sin(\theta_3) \\ 98.2 \, kN * 4m + 20 \, kN * 4.123106 m * \sin(14.03624347 \circ) = 51,59989 \, kN \\ F_0 = 118.2 - 51,59989 = 66.60011 \, kN \\ F_{03} = \frac{-F_0}{\sin(\theta_0)} \\ F_{03} = \frac{-66.60011}{\sin(75.96375653)} = -68,64982 \, kN \\ F_{14} : -\frac{F_2}{\sin(\theta_0)} \\ F_{14} = \frac{-51,59989}{\sin(75.96375653)} = -53,18795 \, kN \\ F_{01} : -F_0 \cos(\theta_0) \\ F_{01} = -66.60011 \cos(75.96375653) = 16,1529 \, kN \\ F_{12} : -F_2 \cos(\theta_0) \\ F_{21} = -51,59989 \cos(75.96375653) = 12,51481 \, kN \\ F_{23} : her skal vibruge enformel den laver jeg ved at isoler F_{23} $F_{22} * \sin(\theta_{2hv}) + F_{1kl} = F_0 \\ \frac{F_{23} * \sin(\theta_{2hv})}{\sin(\theta_{2hv})} + \frac{F_{1kl}}{\sin(\theta_{2hv})} = \frac{F_0}{\sin(\theta_2)} \\ F_{23} = \frac{F_0}{\sin(\theta_{2hv})} - \frac{F_1}{\sin(\theta_{2hv})} = \frac{F_0}{\sin(\theta_{2hv})} \\ F_{23} = \frac{F_0}{\sin(\theta_{2hv})} - \frac{F_1}{\sin(\theta_{2hv})} = \frac{F_2}{\sin(\theta_{2hv})} \\ F_{24} : \sin(\theta_{2hv}) = \frac{F_2}{\sin(\theta_{2hv})} = \frac{F_2}{\sin(\theta_{2hv})} \\ \frac{F_2}{\sin(\theta_{2hv})} = \frac{F_2}{\sin$$$