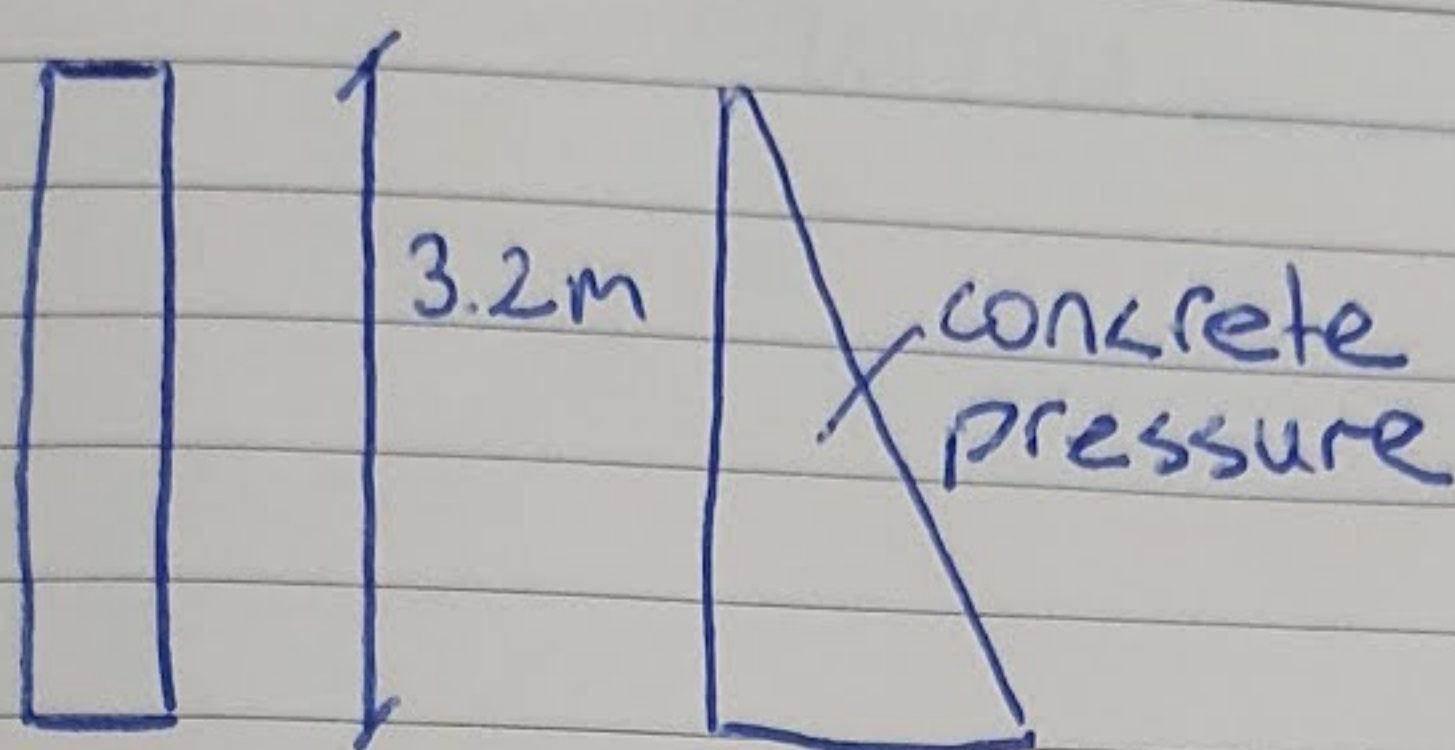
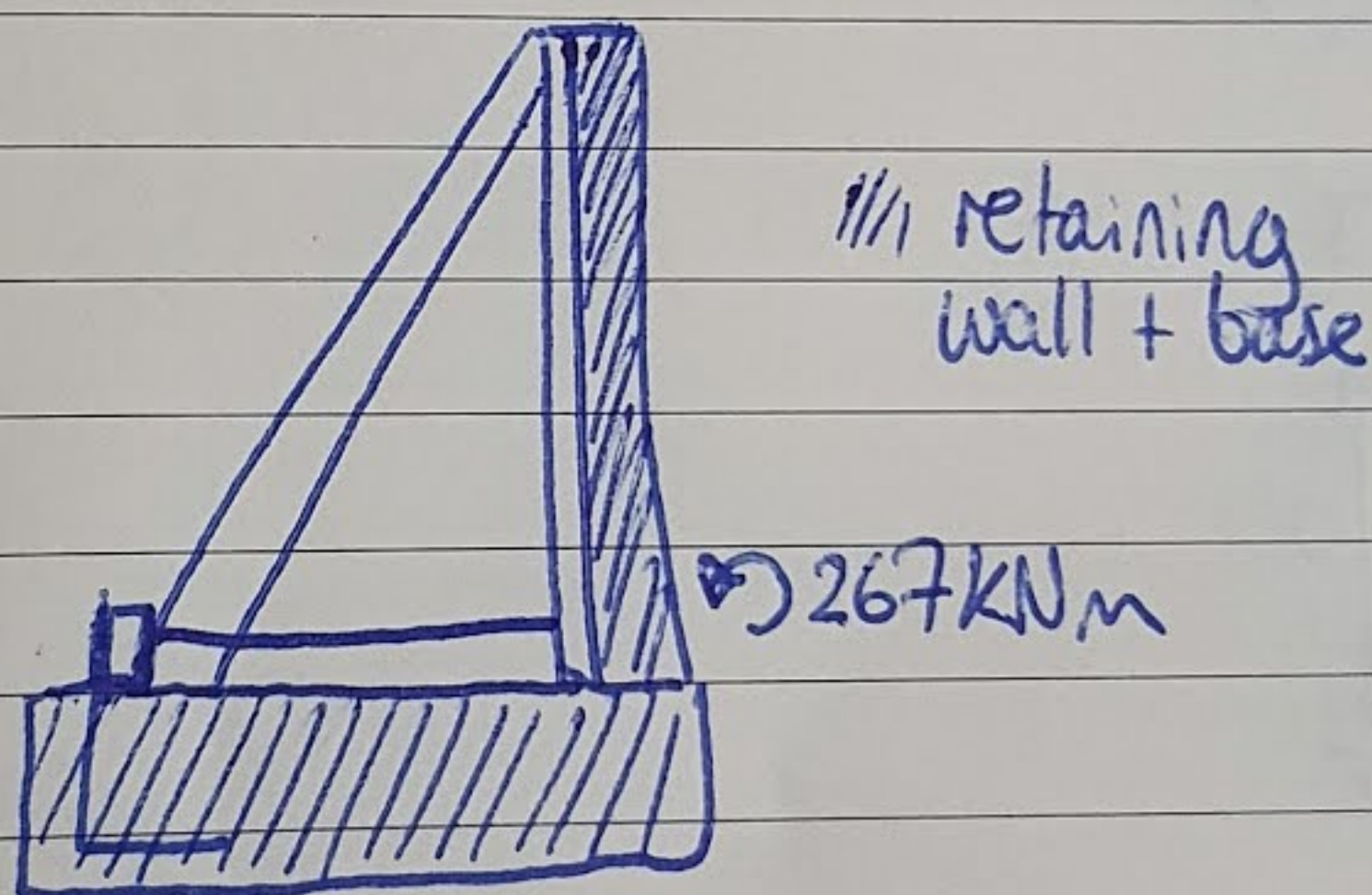




moment at base = 267 kNm

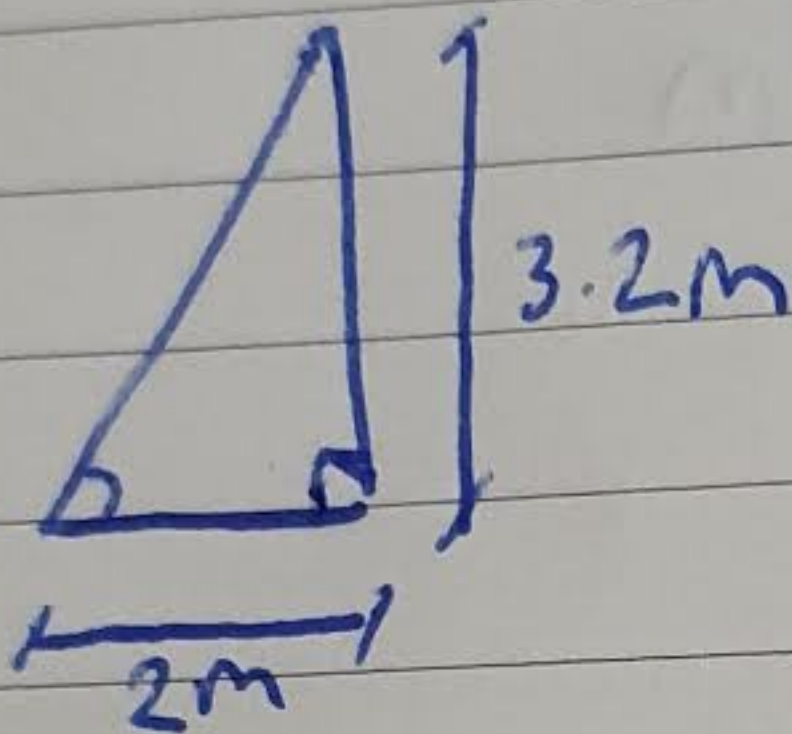
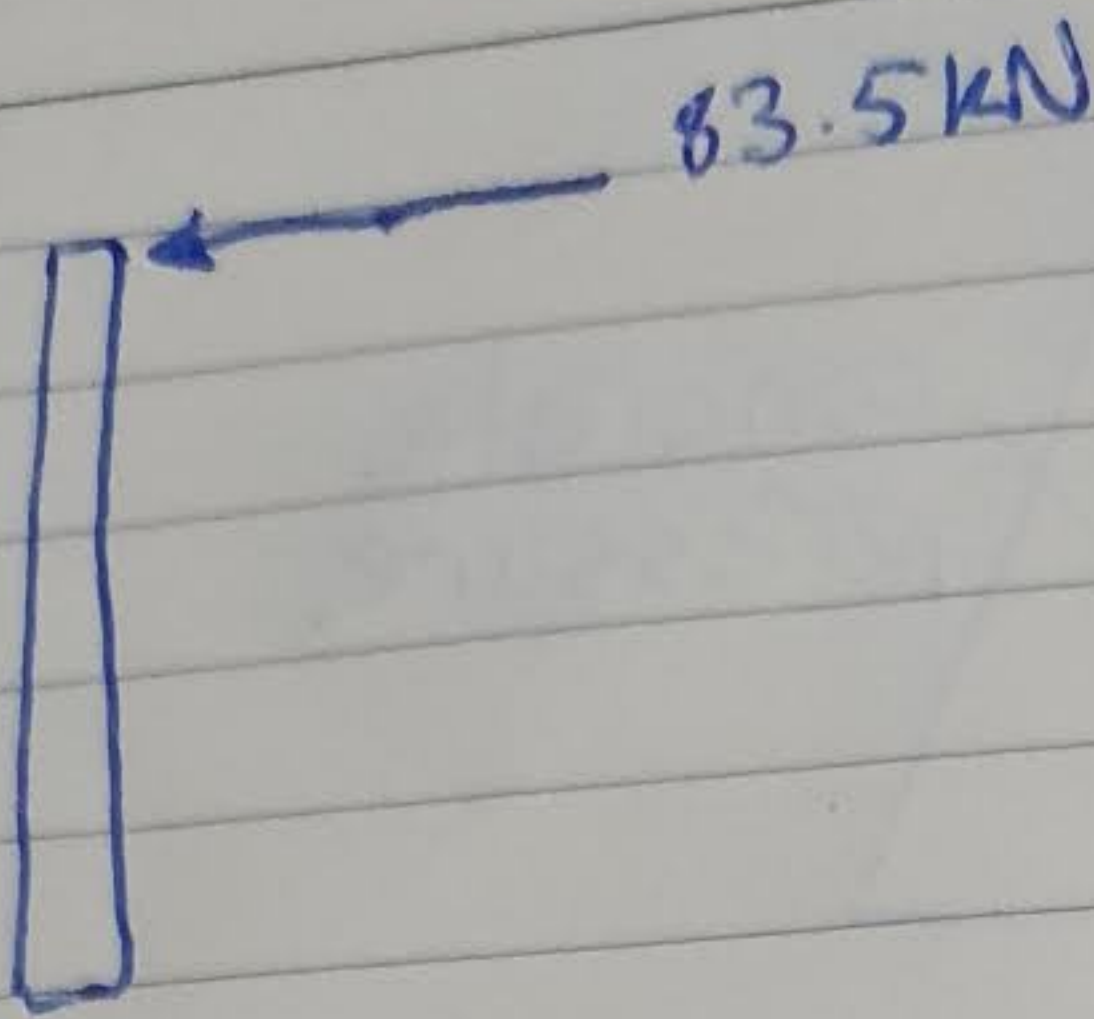
form work



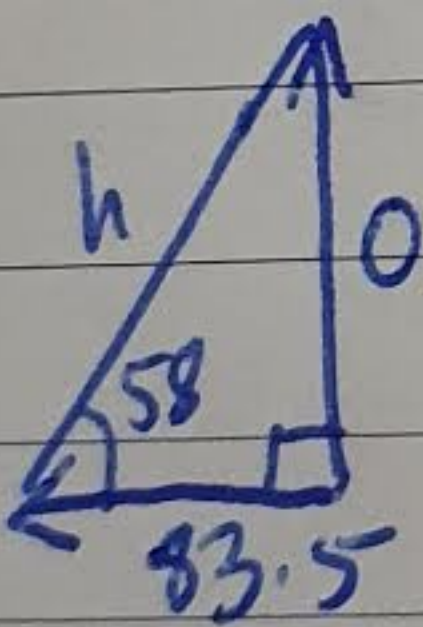
diagonal strut (formwork)

using couple to determine force

$$267 / 3.2 = 83.5 \text{ kN}$$



$$\therefore \theta = 58^\circ$$



$$\cos 58 = \frac{83.5}{h}$$

$$h = 158 \text{ kN}$$

axial compression

uplift?

$$\begin{aligned} \tan 58 &= \frac{o}{83.5} \\ &= 134 \text{ kN} \end{aligned}$$