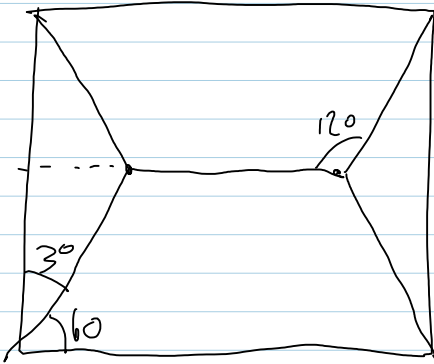


Scratch

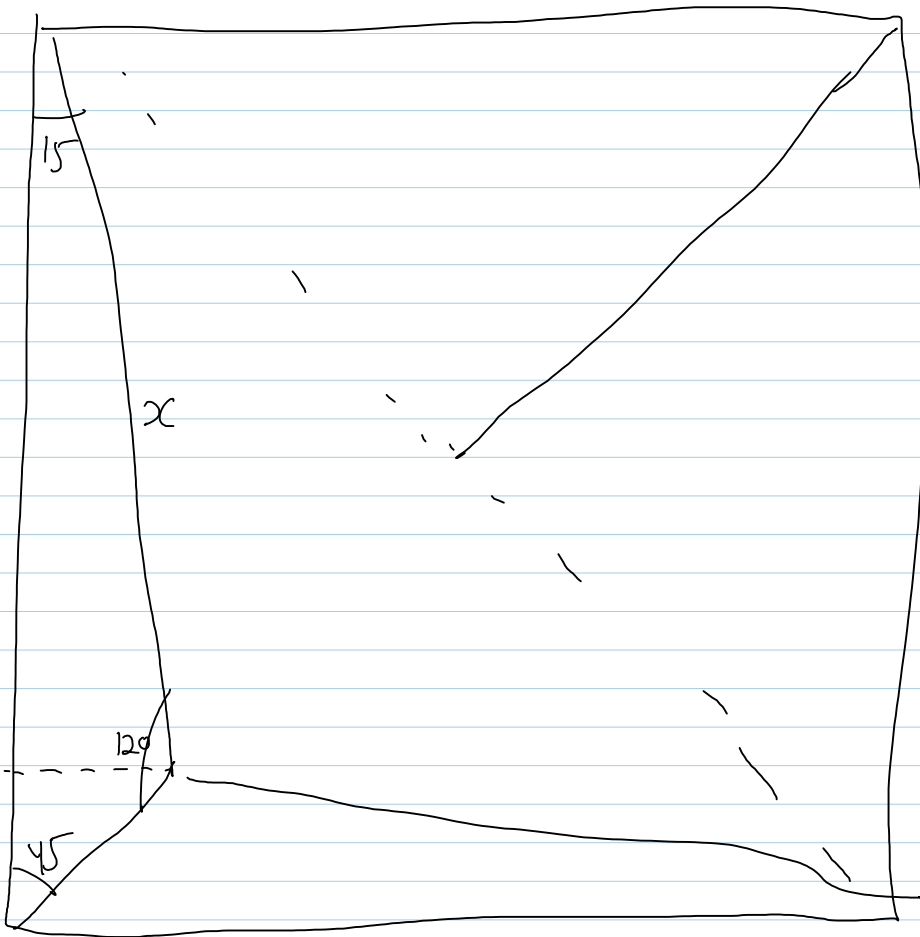
October-08-12
4:07 PM

$$(a^1b)^1c = (a^1c)^1(b^1c)$$



$$\begin{aligned} & 4 \frac{1/2}{\cos 30^\circ} + 1 - 2 \frac{1}{2} \tan 30^\circ = \\ & = \frac{2}{\sqrt{3}/2} + 1 - \frac{\sqrt{3}}{3} = \frac{4\sqrt{3}}{3} + 1 - \frac{\sqrt{3}}{3} = 1 + \sqrt{3} \\ & = 2.73205 \end{aligned}$$

$$\cos 30^\circ = \frac{\sqrt{3}}{2} \quad \sin 30^\circ = \frac{1}{2} \quad \tan 30^\circ = \frac{\sqrt{3}}{3}$$



$$x \sin 15^\circ = 1 - x \cos 15^\circ$$

$$x = \frac{1}{\sin 15^\circ + \cos 15^\circ} = 0.81649$$

$$2x + \sqrt{2} \cdot x \cdot \sin 15^\circ + \frac{\sqrt{2}}{2} = 2.638958$$

$$s^1 \times s^2 = \underbrace{\partial(s^1 \times D^3)}_{\uparrow} = \partial(D^2 \times s^2)$$

$$s^0 \times s^2 = \underbrace{\partial(s^0 \times D^3)}_{\uparrow} = \partial(D^1 \times s^2) \quad \text{get handle bodies!}$$

$$1 - \frac{1}{2}(h + h(h-1)) = 1 - h + \frac{h^2}{2}$$