

• GOLDEN RATIO.

$$\frac{1108}{920} = 1.204$$

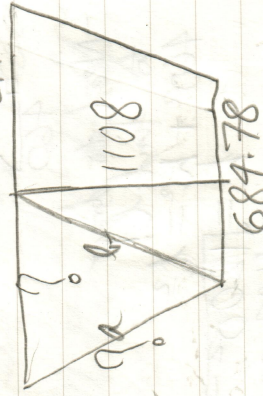
NOT VERY CLOSE!

$$\frac{1108}{920}$$

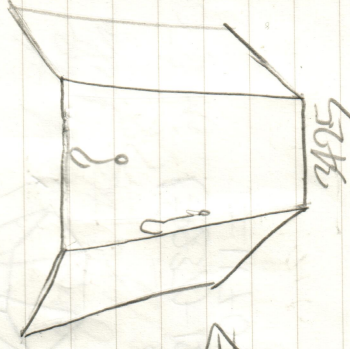
IT AINT GOING TO GET MUCH TALLER, SO NEED A NARROWER BASE

$$1108 \div 1.618034 = 684.78$$

WHICH MEANS 342.5 BASE

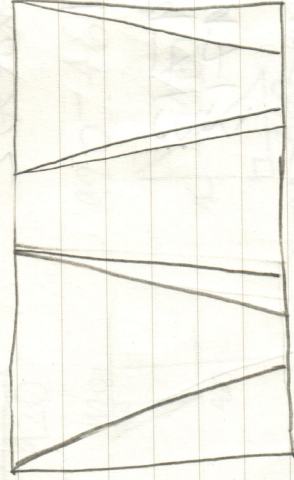


Is a & b going to be the same length!



⇒

TO GET THE SAME HEIGHT, DIFFERENT ANGLE (MORE ACUTE) & ↑ LENGTH OF PANEL WHICH WILL HAPPEN WHEN YOU REDUCE THE BASE WIDTH.



TRY DIFFERENT COMBINATIONS FOR BASE & TOP (WHICH WILL DETERMINE ANGLE & LENGTH OF PANEL)

VOLUME (FROM PREVIOUS PAGE)

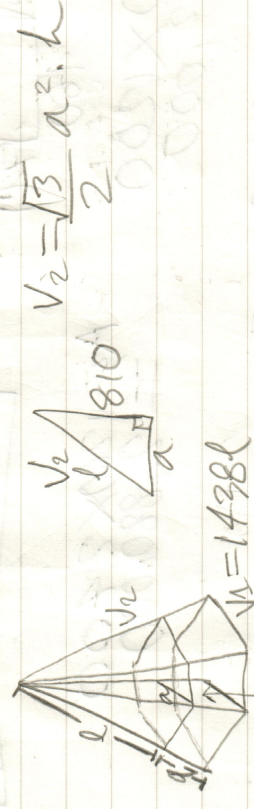
$$\frac{1438l}{x} \cdot \frac{111cm}{a} \cdot \frac{81cm}{1}$$

THIS MIGHT NOT BE A SUITABLE RATIO TO USE!

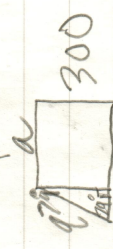
$$x = 1438 \times 81$$

$$= 1099.35l \text{ (PROBABLY TOO HIGH)}$$

PROBABLY THE BEST APPROACH IS THIS.



Need to measure a in film when measuring down 30mm
{ Then I can work out V }
{ Then I can work out V }
{ Then I can work out the volume of V2 }



↓

