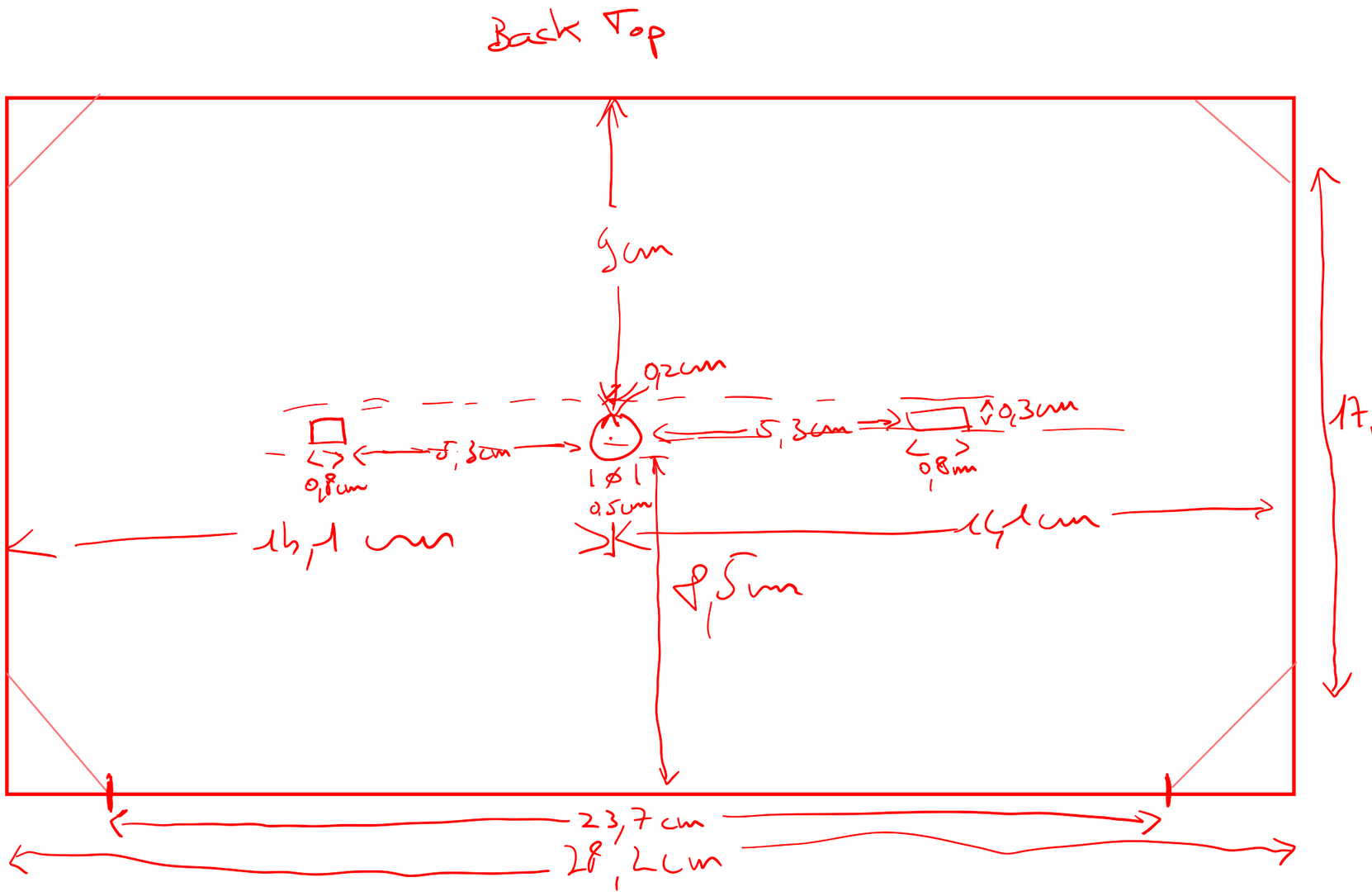
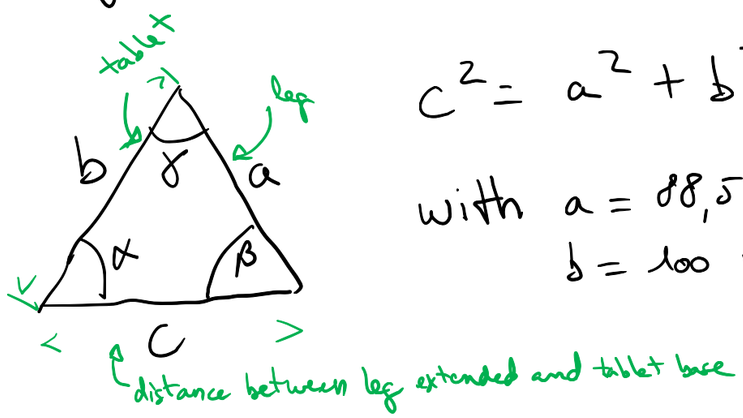

Back Top
9cm
0,2cm
0,3cm
5,3cm
0,3cm
0,8cm
0,8cm
1⌀1
0,5cm
16,1 cm
14,1 cm
8,5cm
17,3
23,7 cm
28,2cm


V
0,3
< 0,8 >
N
V 0,2
Ø 0,5
V
0,3
N
< 0,8 >
0,3

leg angle?



$$c^2 = a^2 + b^2 - 2 \cdot a \cdot b \cdot \cos(\gamma)$$

with $a = 88{,}5$ mm and $\gamma = \frac{\pi}{6} = 30°$ $\Rightarrow$ $c \hat{=} 50$ mm

$b = 100$ mm

INTERNET SOURCES:

- Formula
https://en.wikipedia.org/wiki/Law_of_cosines

-Computation
https://www.wolframalpha.com/input/?i=sqrt%2888.5%C2%B2+%2B+100%C2%B2+-+2*%2888.5%29*100*cos%28pi%2F6%29%29