

A	8	7
B	144	88
C	67	40
D	139	68
E	148	87
F	138	59
G	77	107
H	140	84/6
I	167	167
J	39	115
K	124	15
L	138	39
M	167	167
N	148	176
O	72	72
P	147	64
Q	83	33
R	147	30
S	55	72
T	24	24

U	140	140
V	6	6
W	12	12
X	11	11
Y	0	0
Z	56	49

~~F / $\Rightarrow -65$~~

~~J / $\Rightarrow -37$~~

~~P / $\Rightarrow -108$~~

~~Q / $\Rightarrow -436$~~

~~T / $\Rightarrow -107$~~

~~V / $\Rightarrow -106$~~

~~X / $\Rightarrow -125$~~

Golf

Juliet

foxtrot

Whiskey, X-ray

~~X Golf / $\Rightarrow -65$~~

~~/ Juliet $\Rightarrow -17$~~

Foxtrot / $\Rightarrow -107$

Juliet / $\Rightarrow -107$

Whiskey / -125

XRAY / -125

g u -65

G u -65

g . -65

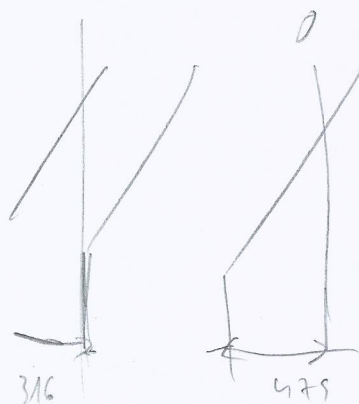
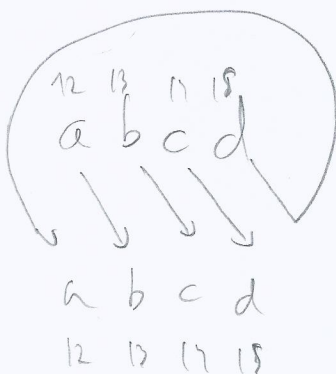
G . -65

g

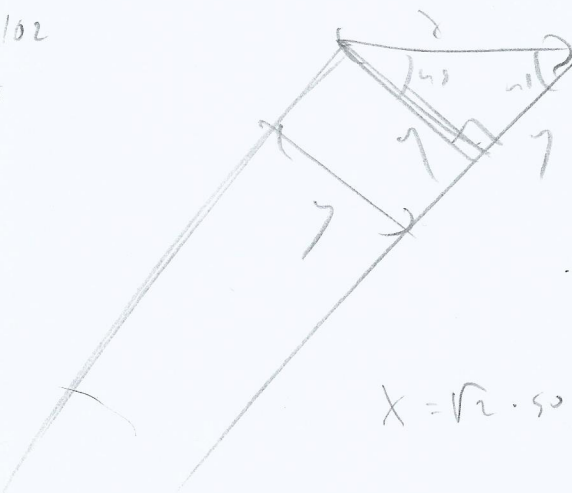
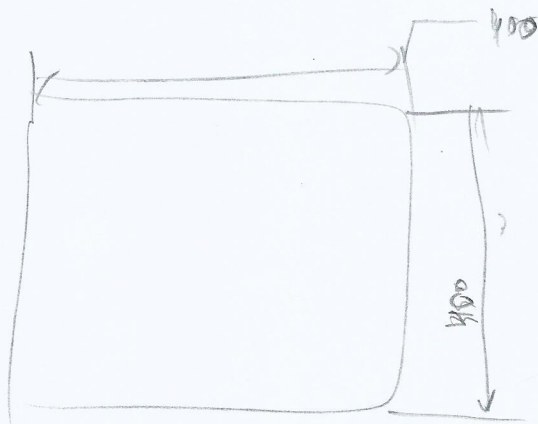
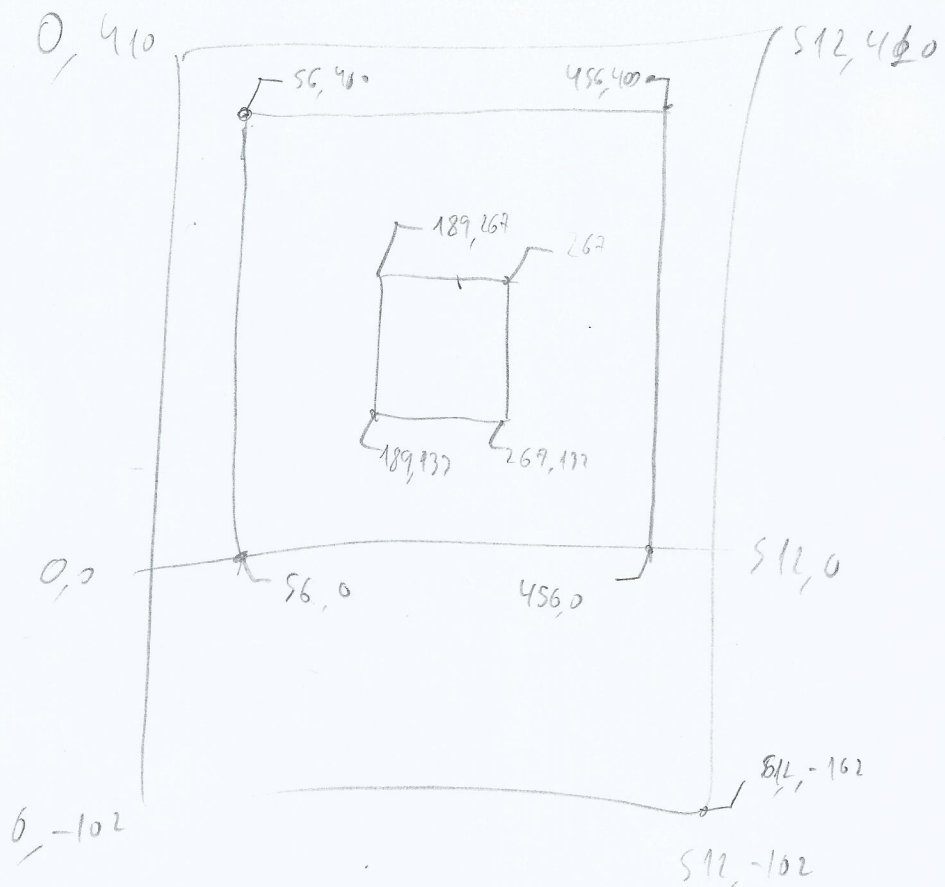
u

GS u. FP Jj Ww Xx

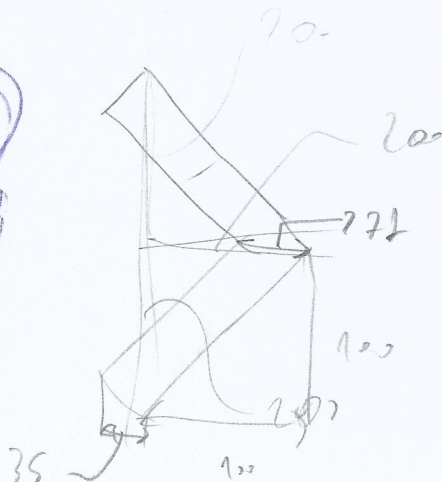
u. Jj



$$((\text{ord}(c) + 1) \% \text{ord}(d))$$



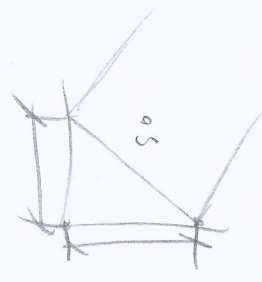
$$x = \sqrt{4^2 + 3^2} = \sqrt{32} = 2\sqrt{2} \approx 5.66 \dots$$



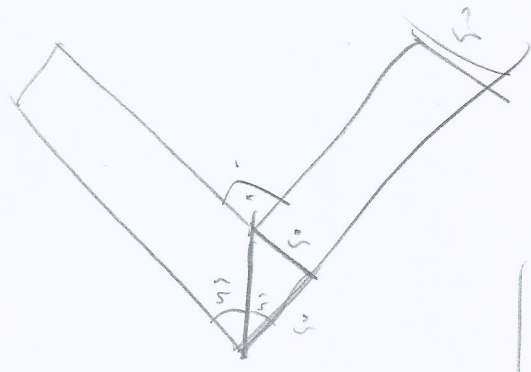
$$\frac{50}{\sqrt{2}}$$



$$X^2 + Y^2 = 50^2 \Rightarrow \sqrt{50^2 - Y^2} = X$$



$$X = \frac{50}{\sqrt{2}}$$



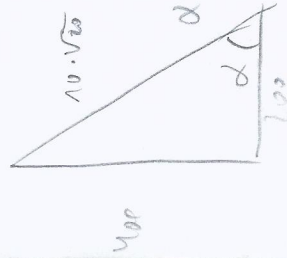
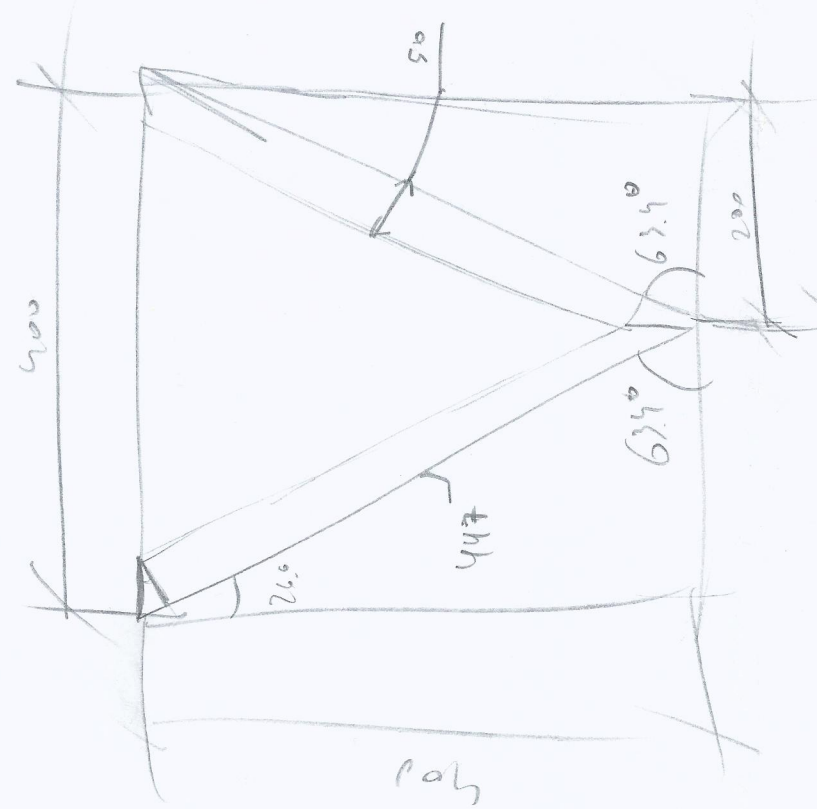
$$\sqrt{2 \cdot 50^2}$$

$$50\sqrt{2}$$

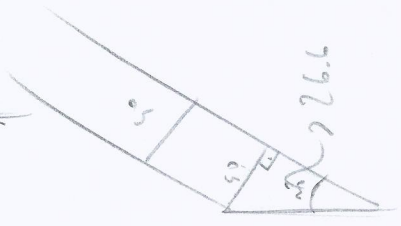
$$X \cdot X'$$

$$X + \frac{(X' - X)}{2} = \frac{2X + X' - X}{2} = \frac{X + X'}{2}$$

$$1 - 2 - 3$$

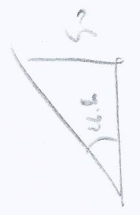


$$50H \leq H \leq 70H$$



$$180 - 63.4 - 63.4$$

$$100 \cdot \sqrt{2}$$



$$53.2$$

$$\sin 26.6 = \frac{50}{h} \Rightarrow h = 112$$