$ClassName: \ Class_09.2bp-24$

BinSize: $\underline{100 \times 100}$ ReduceSize: $\underline{100 \times 100}$

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>410000</u> InS: <u>246788</u> Rate: <u>0.602</u> UB: <u>41</u>

UB: <u>41</u> LB0: <u>41</u> LB: 41

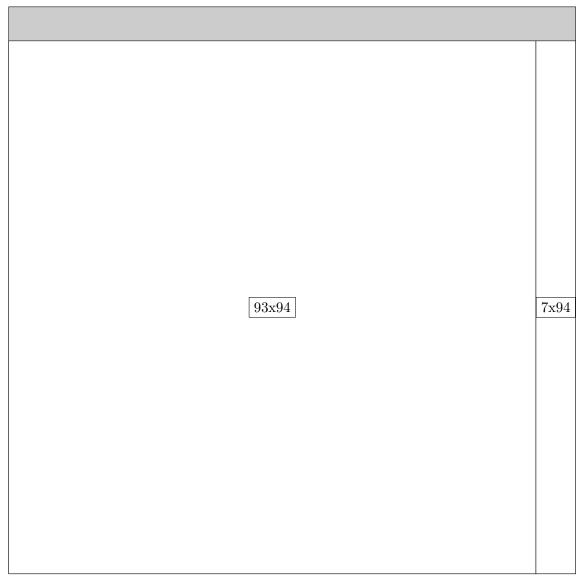
LBWithCut: $\underline{\mathbf{41}}$ NodeCut: $\underline{\mathbf{0}}$

ExtendedNodeCnt: $\underline{\mathbf{1}}$

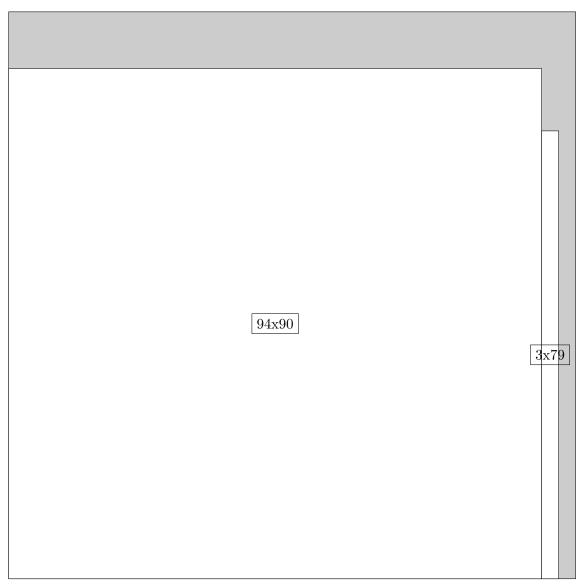
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{41}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

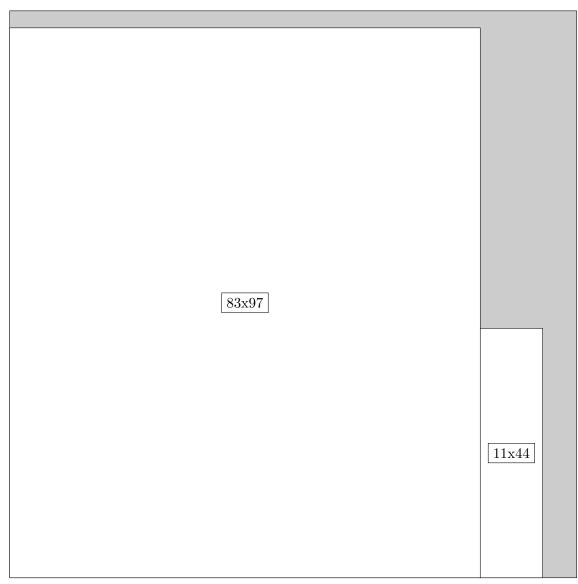
isOpt: $\underline{\mathbf{true}}$

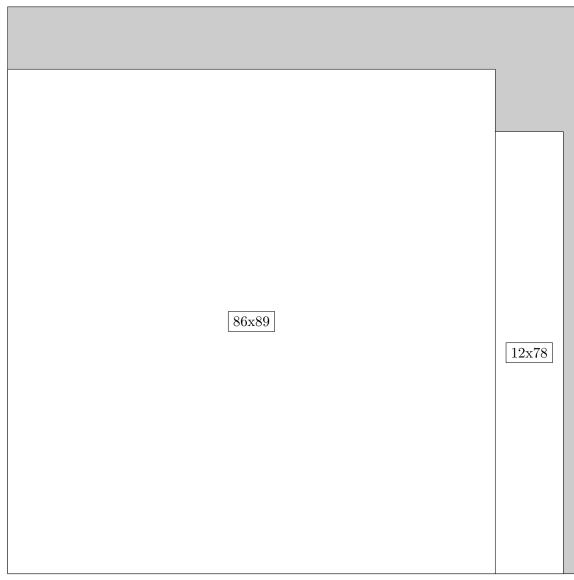
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.100 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.062 \ s} \\ {\rm TotalTime:} \ \underline{0.241 \ s} \\ \end{array}$

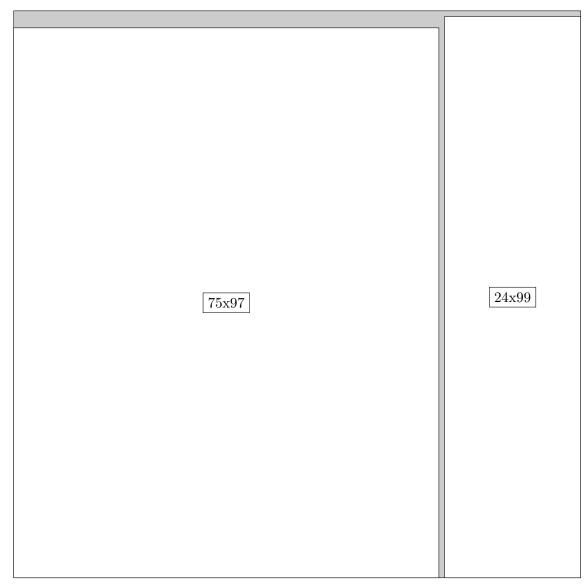


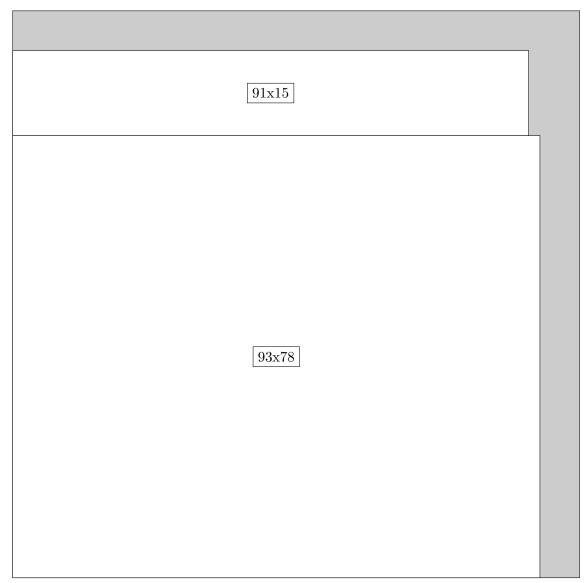
w =93, h =94, x =0, y =0, v =8742 w =7, h =94, x =93, y =0, v =658

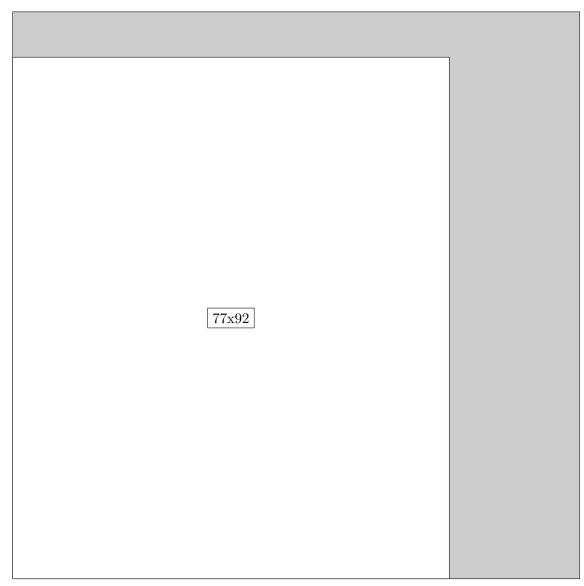




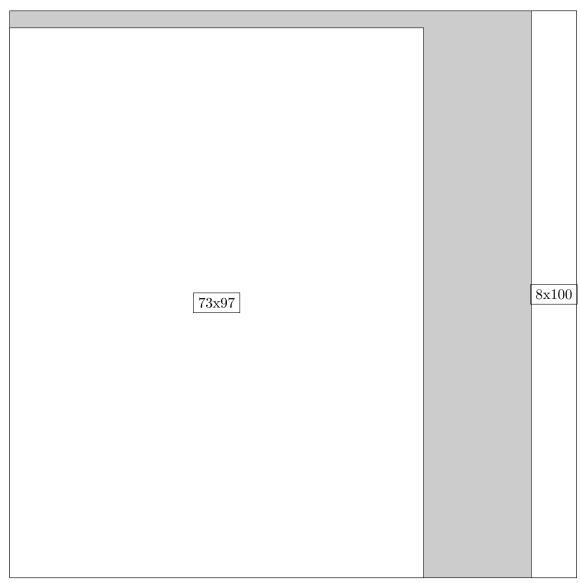




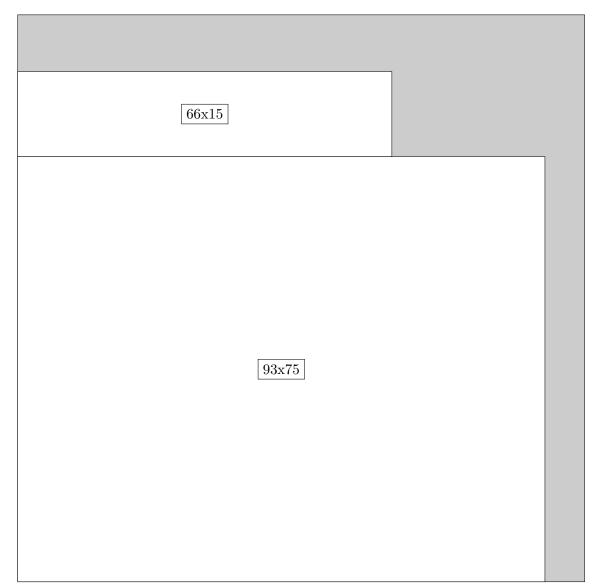


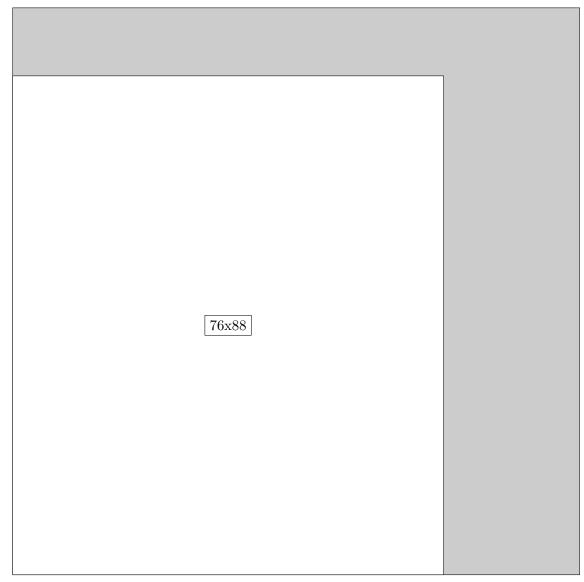


 \mathbf{w} =77 , h =92 , x =0 , y =0 , v =7084

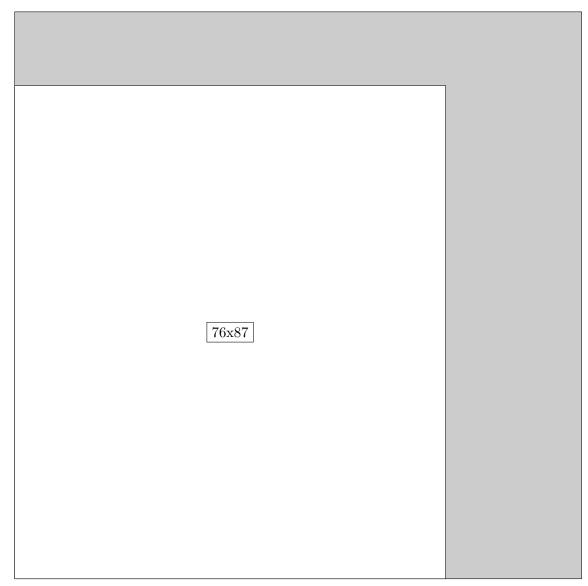


w =73, h =97, x =0, y =0, v =7081 w =8, h =100, x =92, y =0, v =800

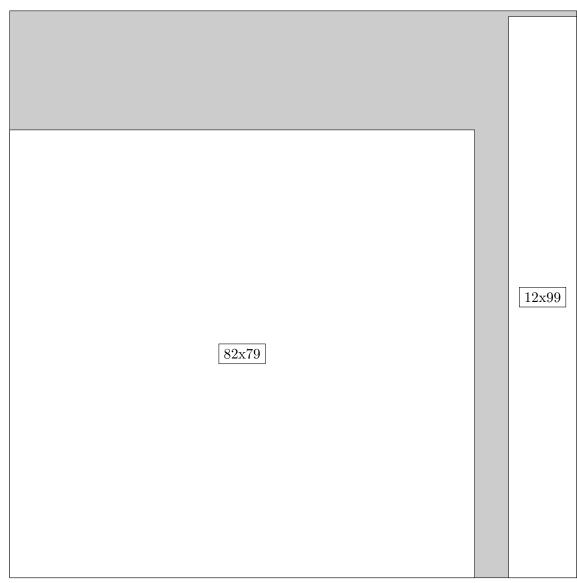


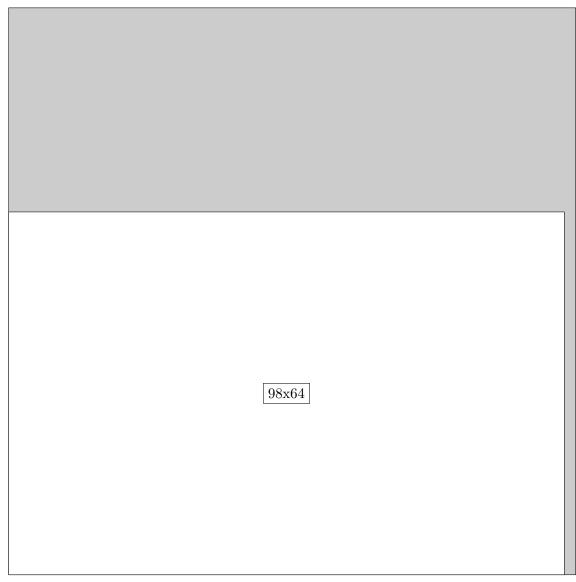


w = 76, h = 88, x = 0, y = 0, v = 6688

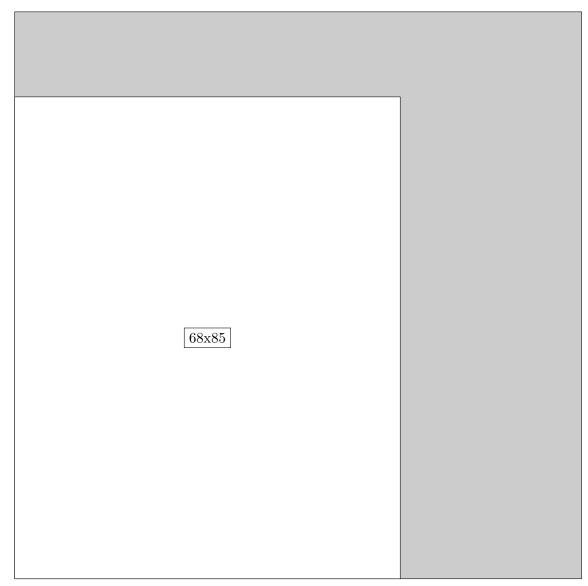


w = 76, h = 87, x = 0, y = 0, v = 6612

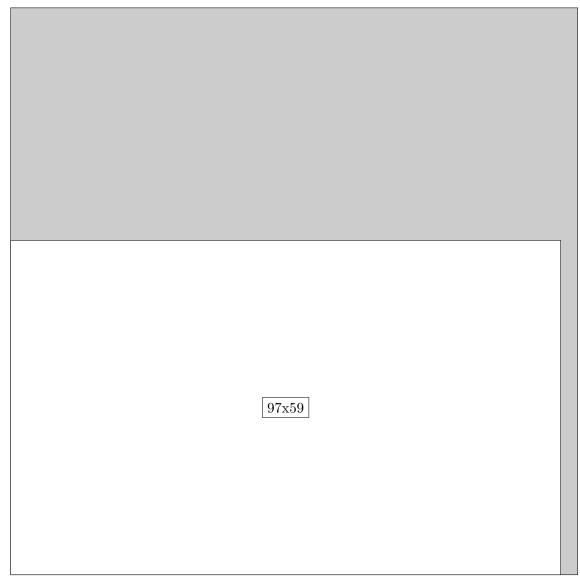




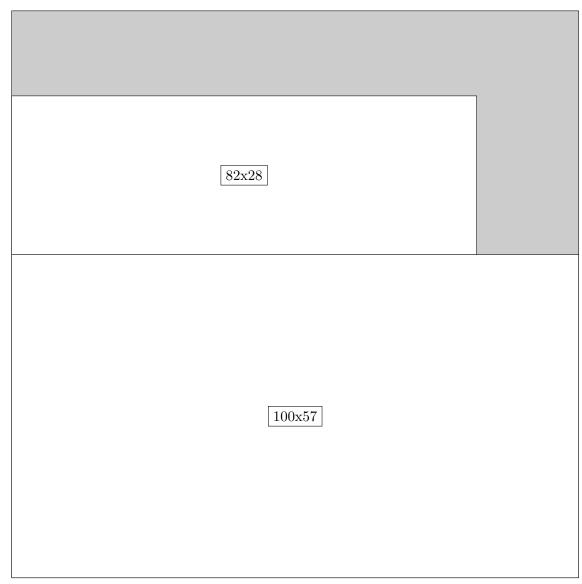
w = 98, h = 64, x = 0, y = 0, v = 6272



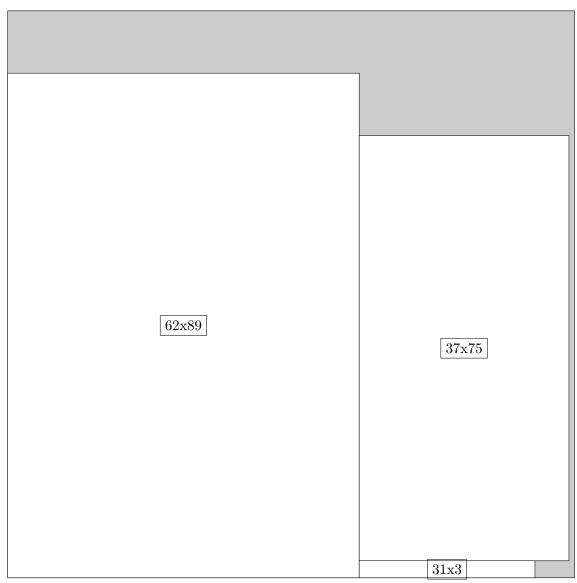
w = 68, h = 85, x = 0, y = 0, v = 5780



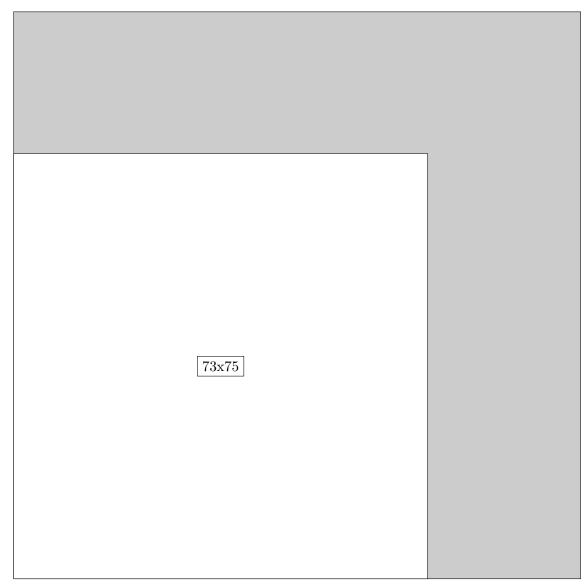
w = 97, h = 59, x = 0, y = 0, v = 5723



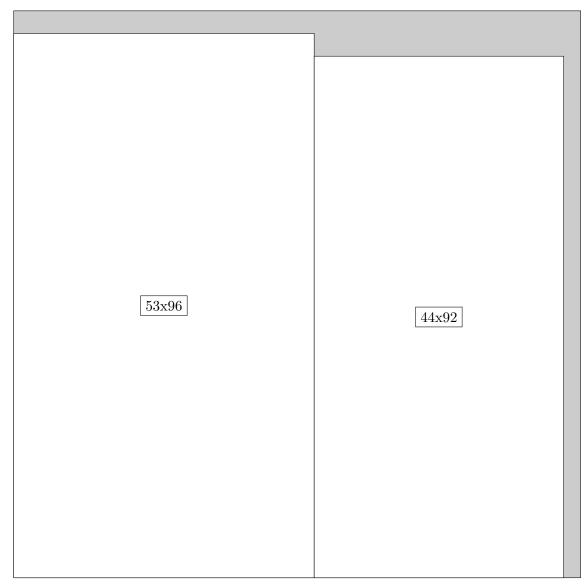
$$\begin{array}{l} w = \! 100 \ , \ h = \! 57 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5700 \\ w = \! 82 \ , \ h = \! 28 \ , \ x = \! 0 \ , \ y = \! 57 \ , \ v = \! 2296 \end{array}$$

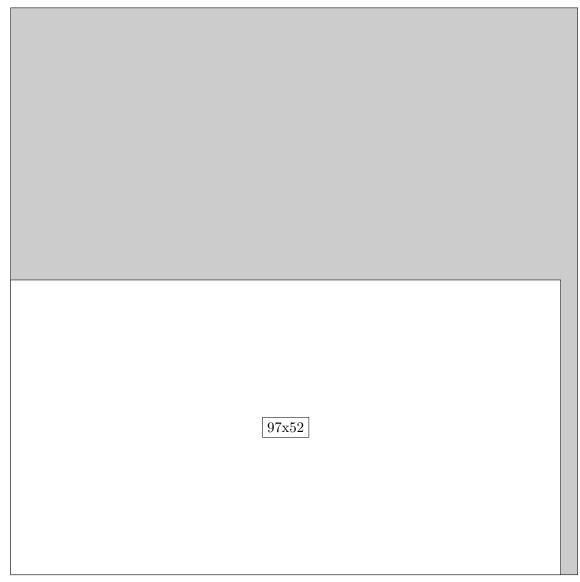


$$\begin{array}{l} w = \!62 \; , \; h = \!89 \; , \; x = \!0 \; , \; y = \!0 \; , \; v = \!5518 \\ w = \!37 \; , \; h = \!75 \; , \; x = \!62 \; , \; y = \!3 \; , \; v = \!2775 \\ w = \!31 \; , \; h = \!3 \; , \; x = \!62 \; , \; y = \!0 \; , \; v = \!93 \end{array}$$

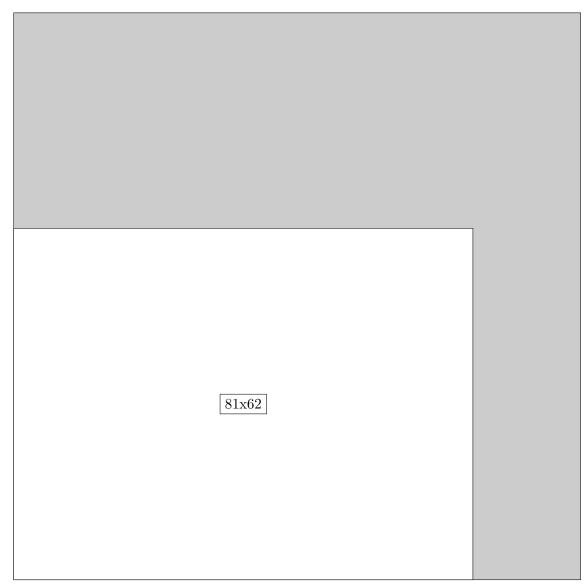


w = 73, h = 75, x = 0, y = 0, v = 5475

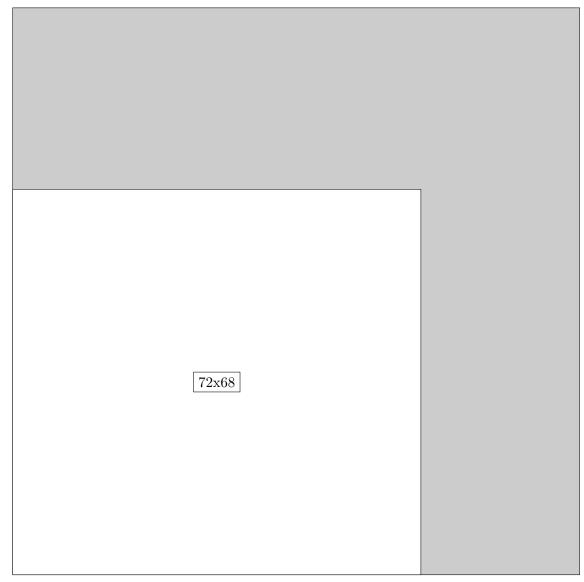




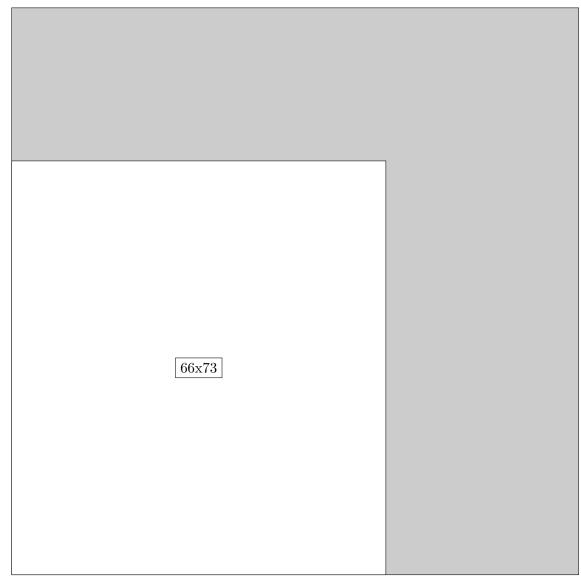
 $\le =97$, h =52 , x =0 , y =0 , v =5044



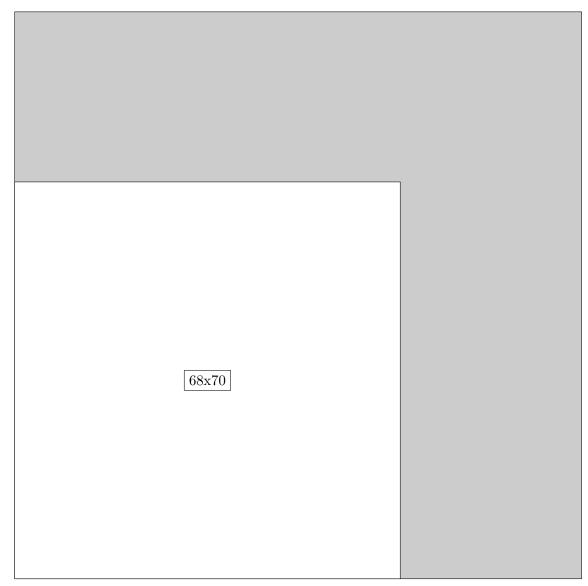
w = 81, h = 62, x = 0, y = 0, v = 5022



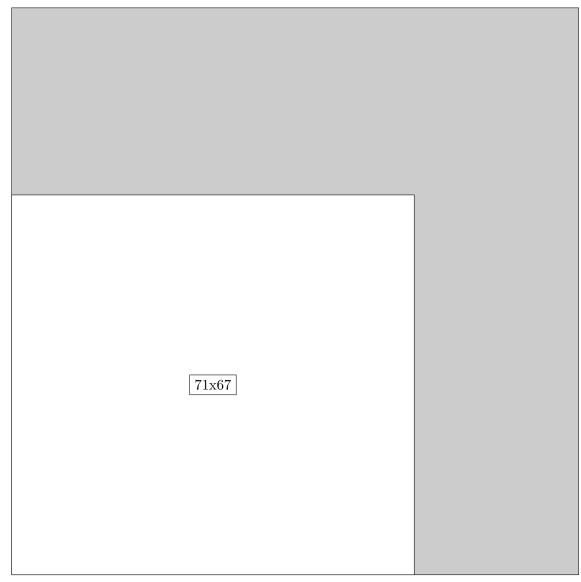
w = 72, h = 68, x = 0, y = 0, v = 4896



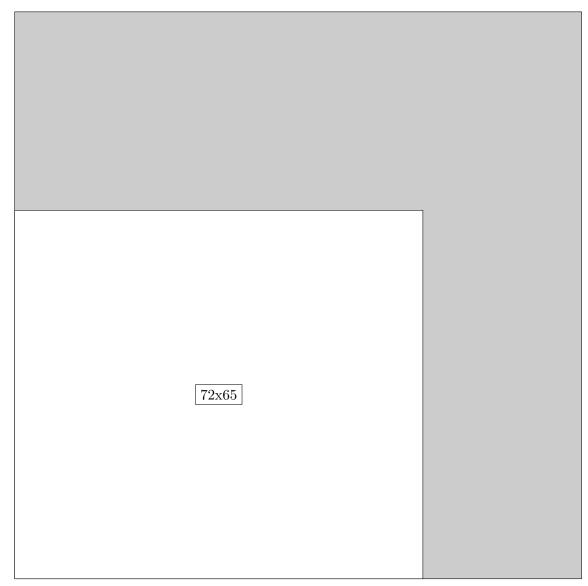
w = 66, h = 73, x = 0, y = 0, v = 4818



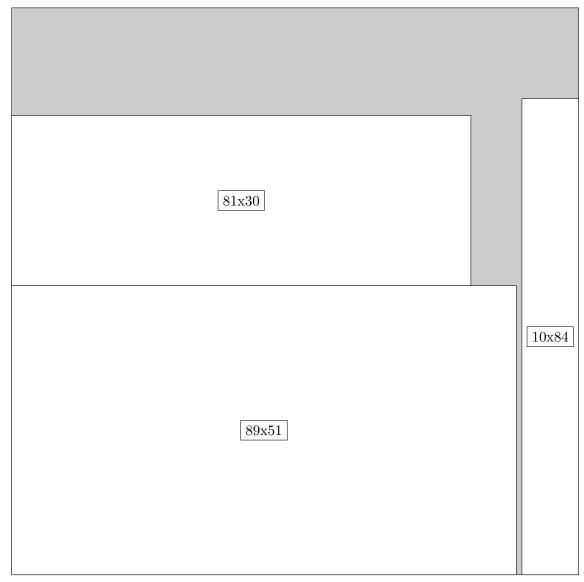
w = 68, h = 70, x = 0, y = 0, v = 4760



 \mathbf{w} =71 , h =67 , x =0 , y =0 , v =4757



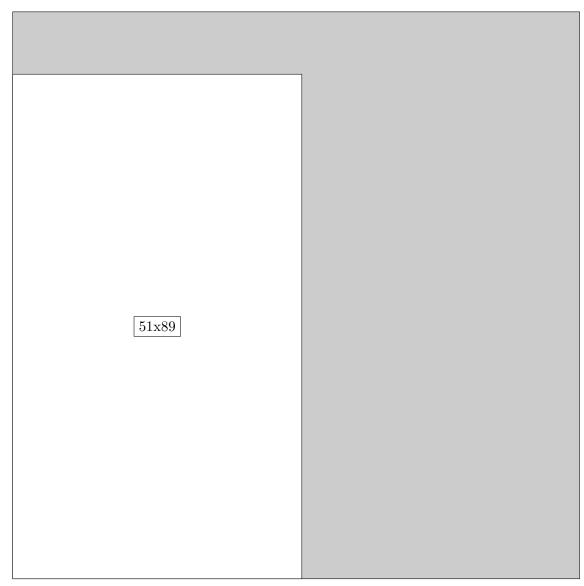
 \mathbf{w} =72 , h =65 , x =0 , y =0 , v =4680



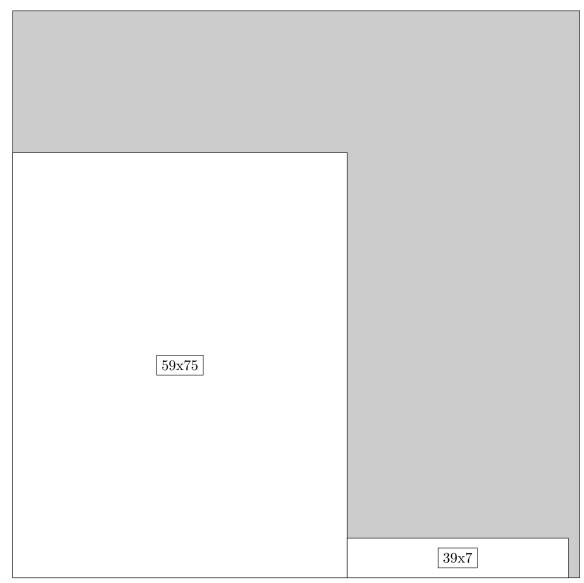
$$\le 89$$
 , h =51 , x =0 , y =0 , v =4539

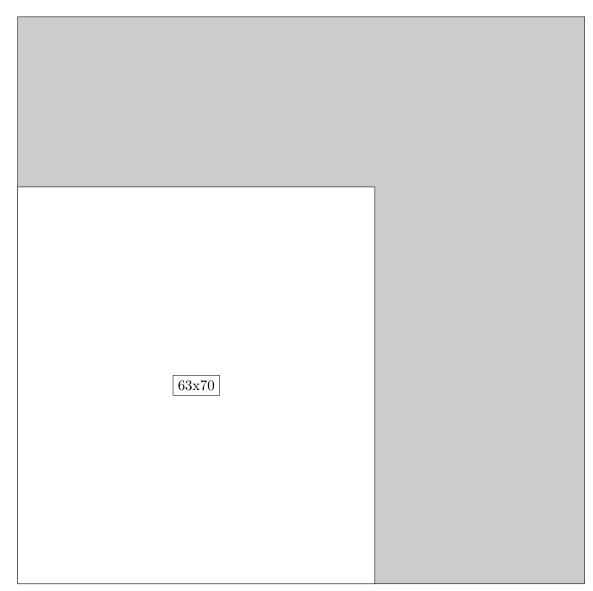
$$\le =81$$
 , h =30 , x =0 , y =51 , v =2430

$$\le =10$$
 , h =84 , x =90 , y =0 , v =840

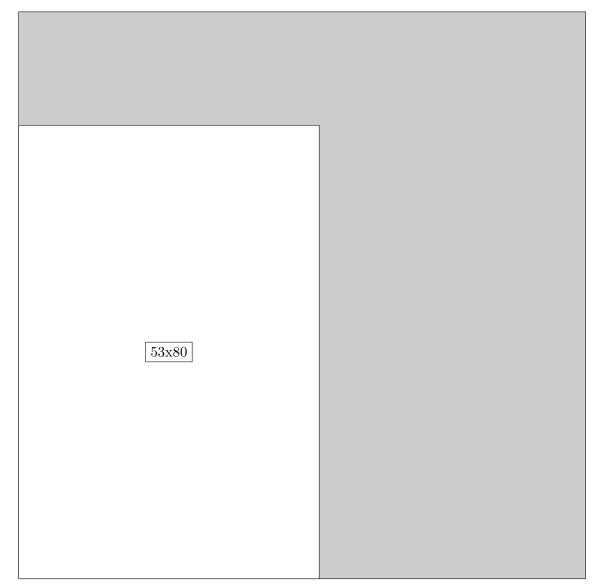


 $\le =51$, h =89 , x =0 , y =0 , v =4539

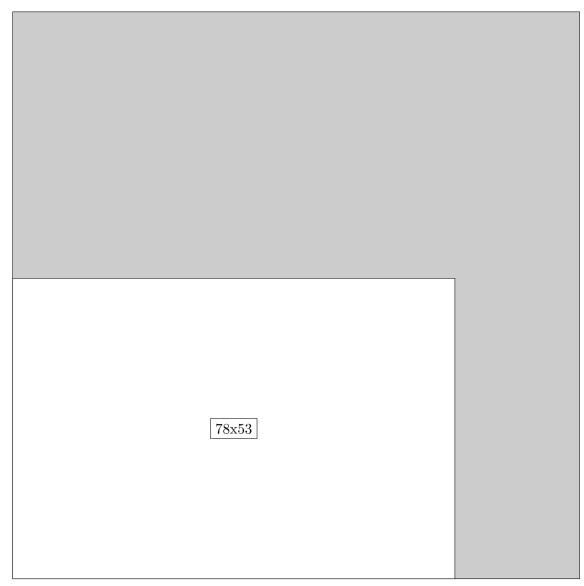




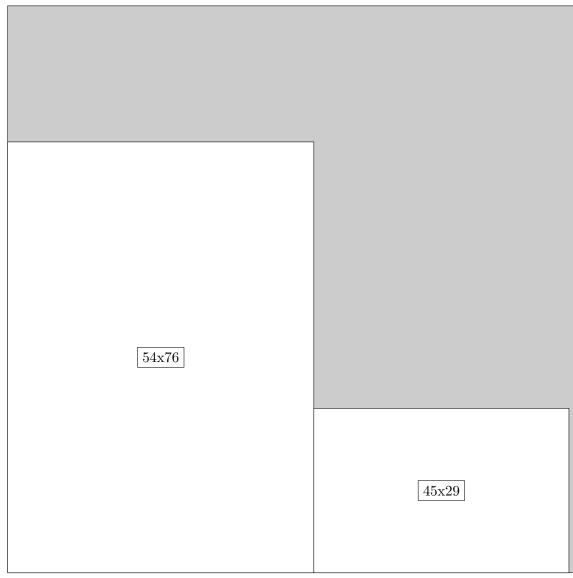
 $\overline{\mathbf{w}} = 63$, $\mathbf{h} = 70$, $\mathbf{x} = 0$, $\mathbf{y} = 0$, $\mathbf{v} = 4410$



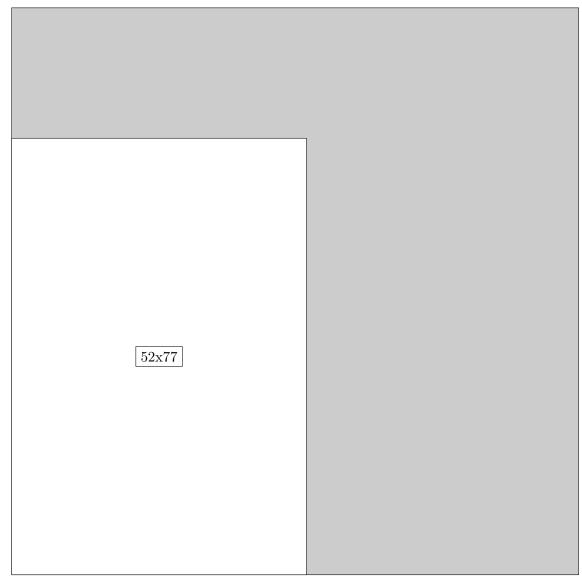
w = 53, h = 80, x = 0, y = 0, v = 4240



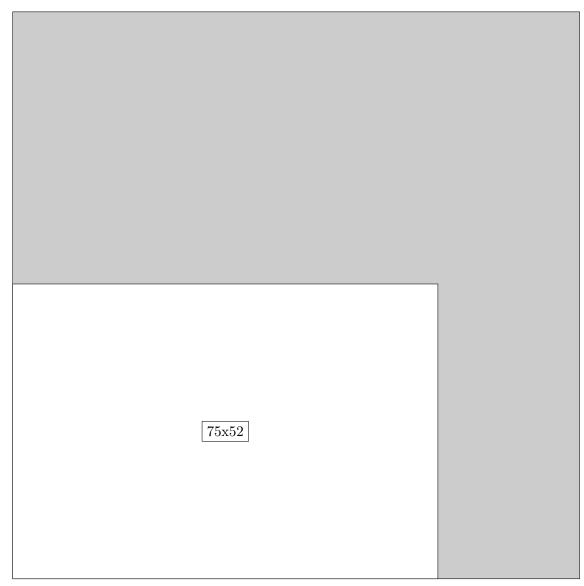
 \mathbf{w} =78 , h =53 , x =0 , y =0 , v =4134



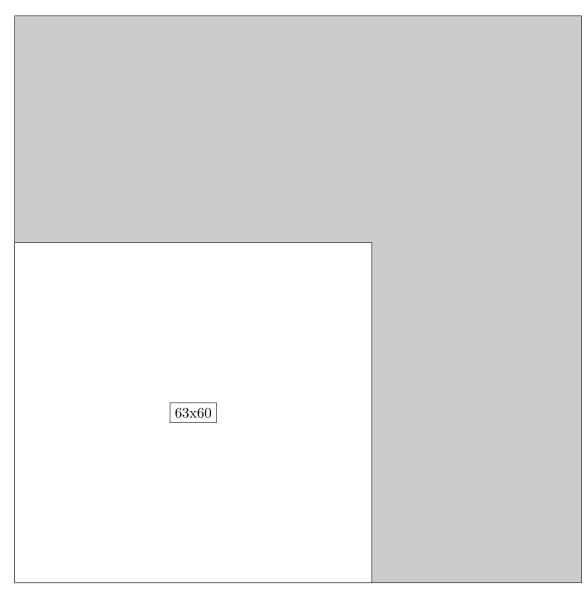
$$\begin{array}{c} w = \!54 \; , \; h = \!76 \; , \; x = \!0 \; , \; y = \!0 \; , \; v = \!4104 \\ w = \!45 \; , \; h = \!29 \; , \; x = \!54 \; , \; y = \!0 \; , \; v = \!1305 \\ \end{array}$$



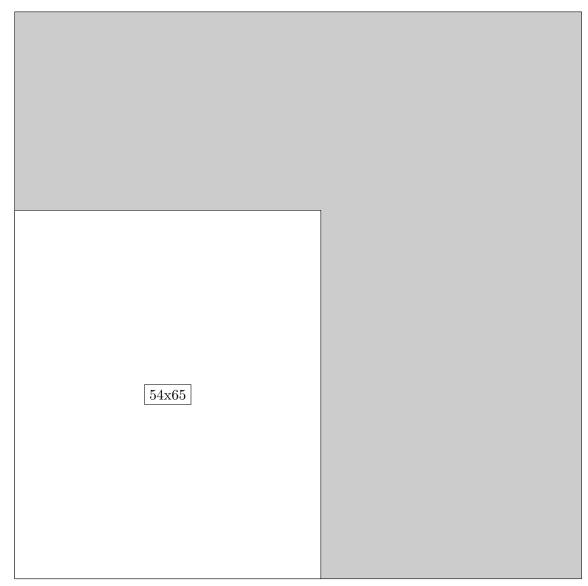
 ≤ 52 , h = 77 , x =0 , y = 0 , v = 4004



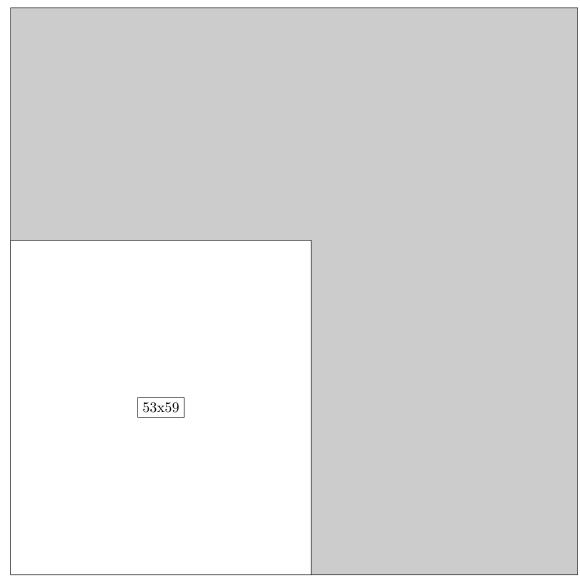
w = 75, h = 52, x = 0, y = 0, v = 3900



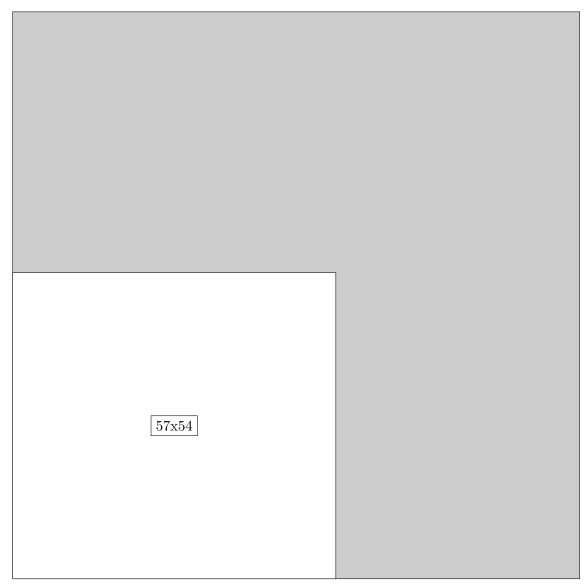
 $\overline{\mathbf{w}} = 63$, $\mathbf{h} = 60$, $\mathbf{x} = 0$, $\mathbf{y} = 0$, $\mathbf{v} = 3780$



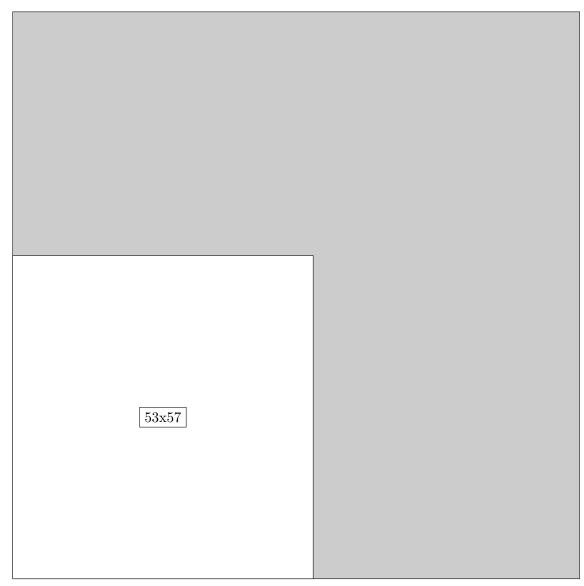
 $\overline{w} = 54$, h = 65, x = 0, y = 0, v = 3510



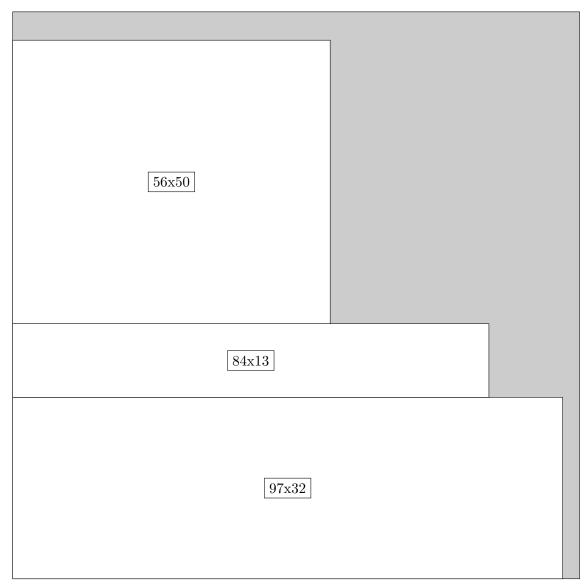
w = 53, h = 59, x = 0, y = 0, v = 3127



w = 57, h = 54, x = 0, y = 0, v = 3078



 $\le =53$, h =57 , x =0 , y =0 , v =3021



$$w = 97$$
, $h = 32$, $x = 0$, $y = 0$, $v = 3104$

$$\le =84$$
 , h =13 , x =0 , y =32 , v =1092

$$\le =56$$
 , $h=\!50$, $x=\!0$, $y=\!45$, $v=\!2800$