$ClassName: \ Class_09.2bp-35$

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>620000</u> InS: <u>372850</u> Rate: <u>0.601</u> UB: <u>62</u> LB0: <u>62</u>

LBWithCut: $\underline{\mathbf{62}}$ NodeCut: $\underline{\mathbf{0}}$

LB: **62**

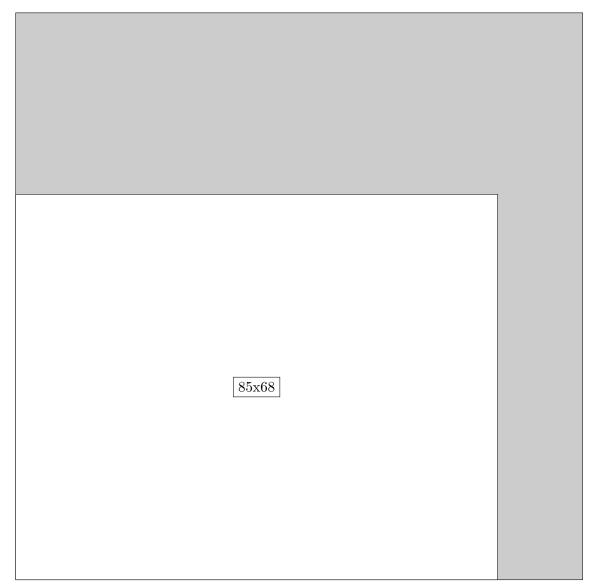
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: 1
PrimalNode: 0
ColumnCount: 62
TotalCutCount: 0
RootCutCount: 0
LPSolverCnt: 1
PricingSolverCnt: 0

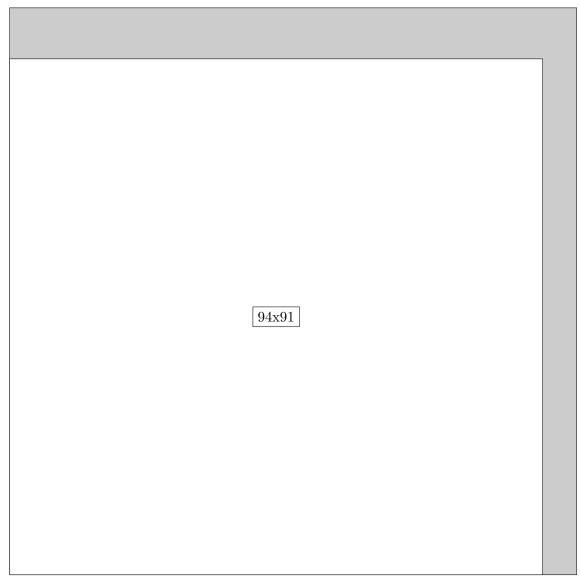
Branch And
Bound Num: $\underline{\mathbf{1}}$

is Opt: $\underline{\mathbf{true}}$

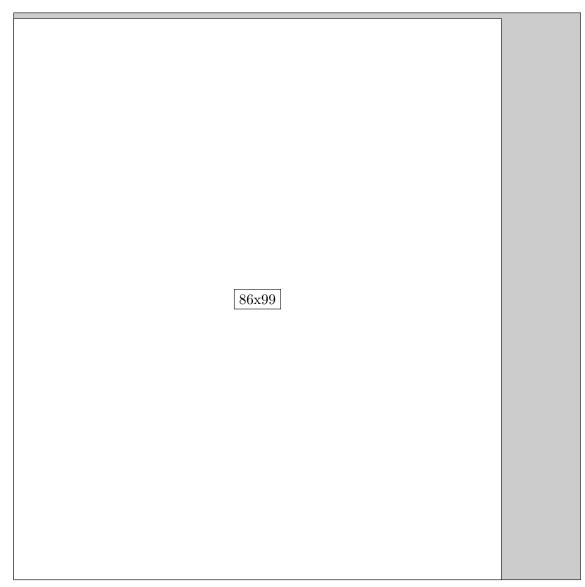
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 0.125 s



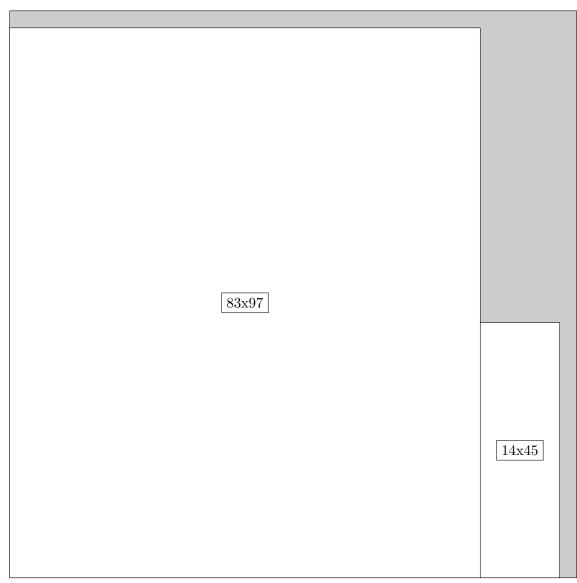
 $\overline{w} = 85$, h = 68, x = 0, y = 0, v = 5780

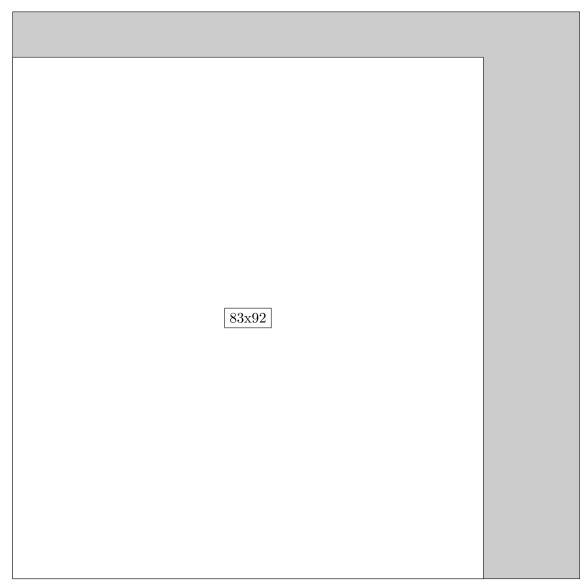


 $\le =94$, h =91 , x =0 , y =0 , v =8554

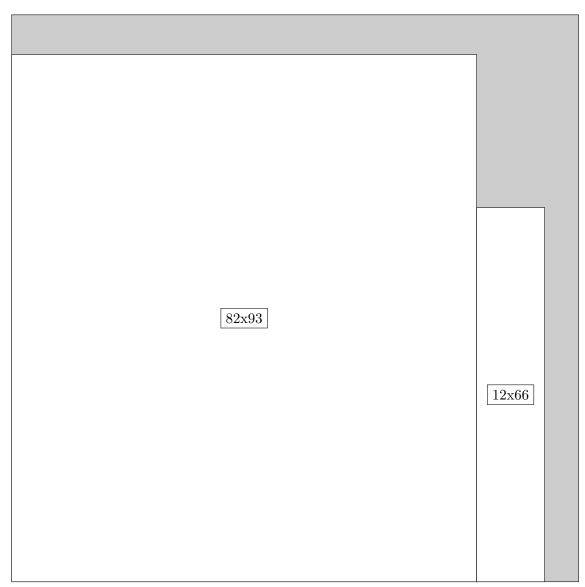


 $\le =86$, h =99 , x =0 , y =0 , v =8514

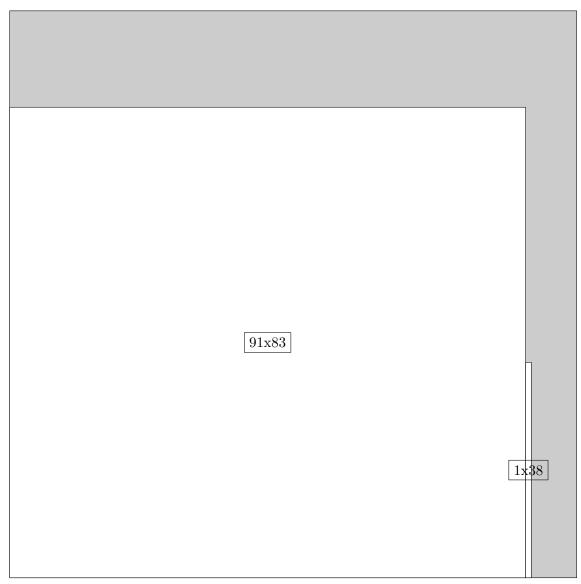




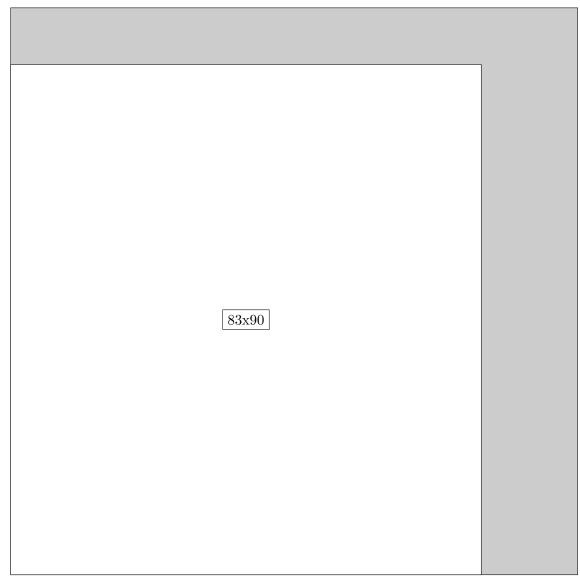
 $\le =83$, h =92 , x =0 , y =0 , v =7636



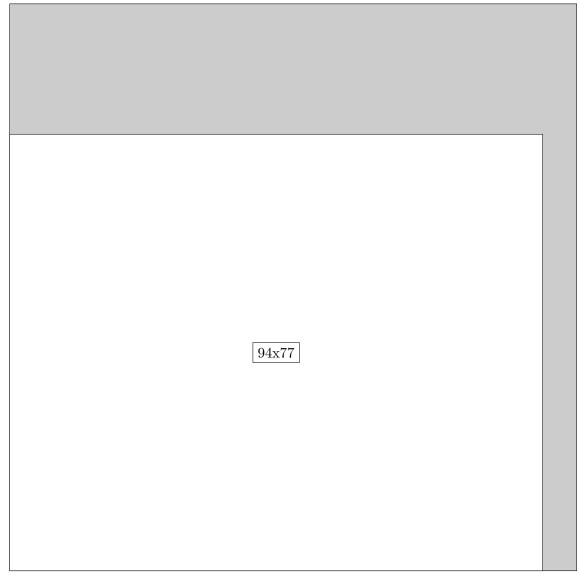
$$\begin{array}{c} w = 82 \; , \; h = 93 \; , \; x = 0 \; , \; y = 0 \; , \; v = 7626 \\ w = 12 \; , \; h = 66 \; , \; x = 82 \; , \; y = 0 \; , \; v = 792 \\ \end{array}$$



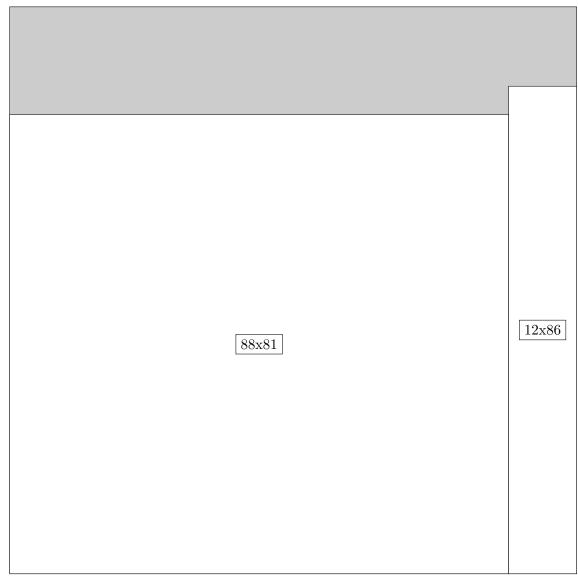
 $\begin{array}{l} w = \! 91 \ , \ h = \! 83 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7553 \\ w = \! 1 \ , \ h = \! 38 \ , \ x = \! 91 \ , \ y = \! 0 \ , \ v = \! 38 \end{array}$

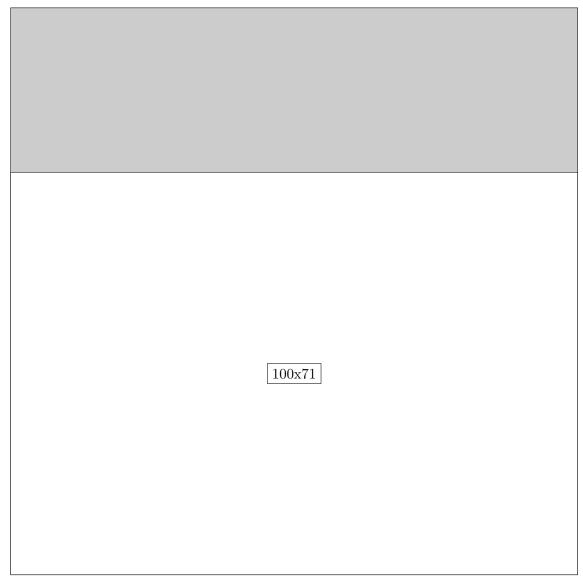


 $\le =83$, h =90 , x =0 , y =0 , v =7470

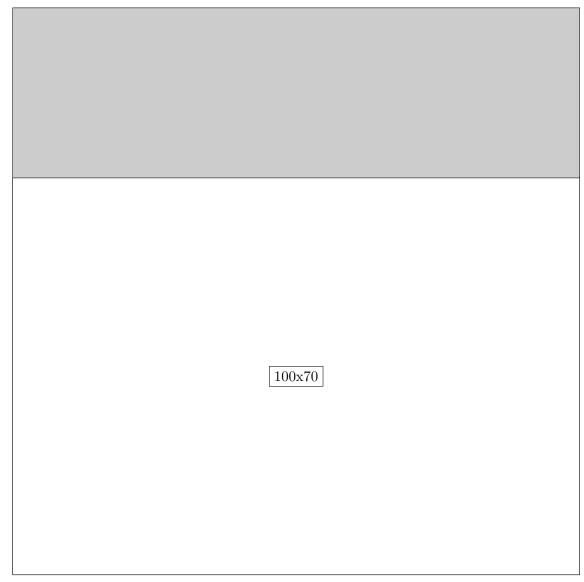


 $\le =94$, h =77 , x =0 , y =0 , v =7238

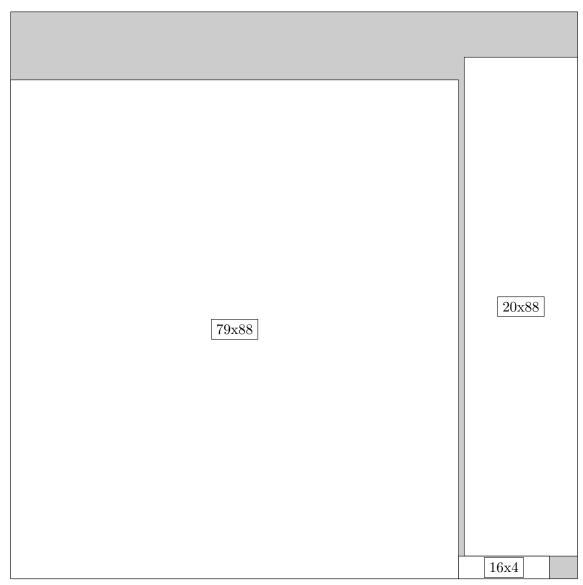




 $\le =100$, h =71 , x =0 , y =0 , v =7100



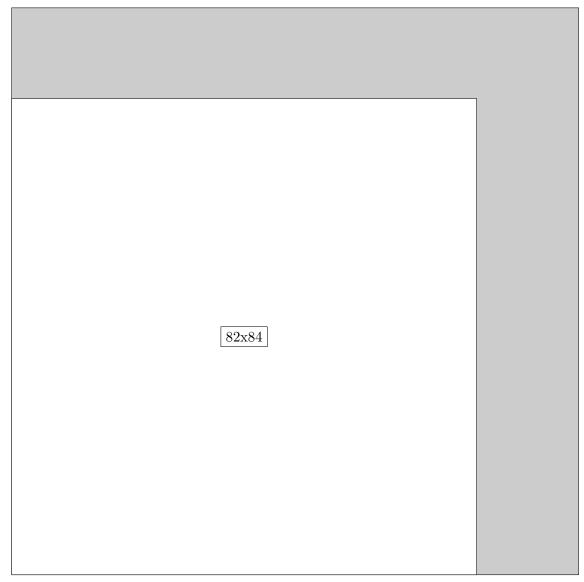
 $\le =100$, h =70 , x =0 , y =0 , v =7000



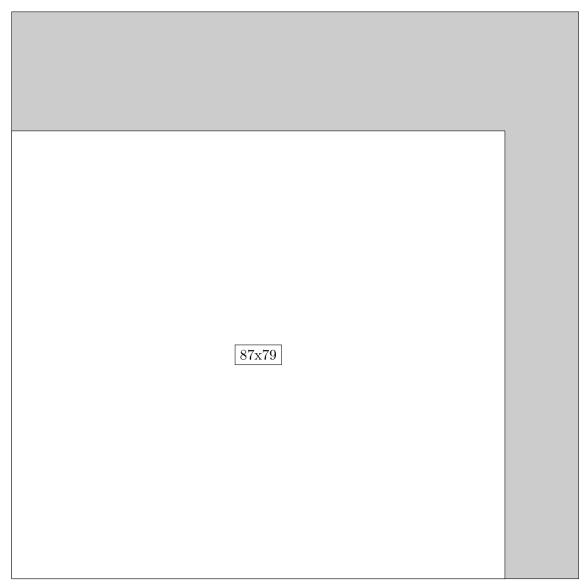
$$w$$
 =79 , h =88 , x =0 , y =0 , v =6952

$$\le =20$$
 , h =88 , x =80 , y =4 , v =1760

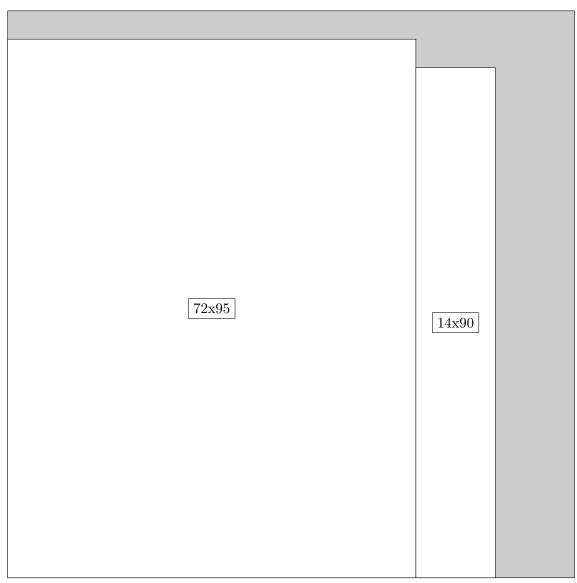
$$\mathbf{w}$$
 =16 , h =4 , x =79 , y =0 , v =64

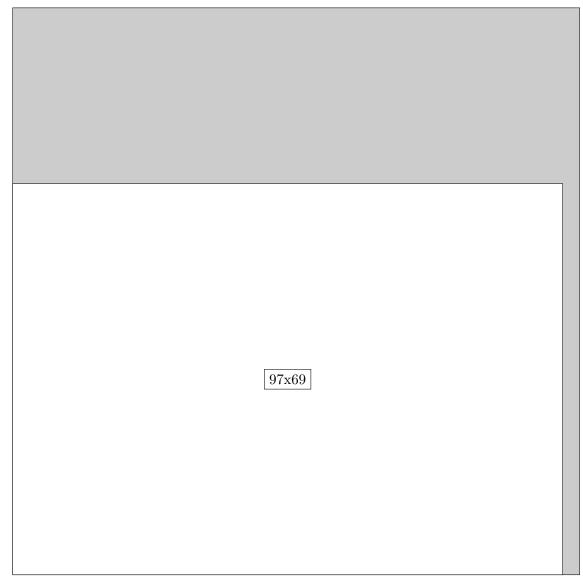


 $\le =82$, h =84 , x =0 , y =0 , v =6888

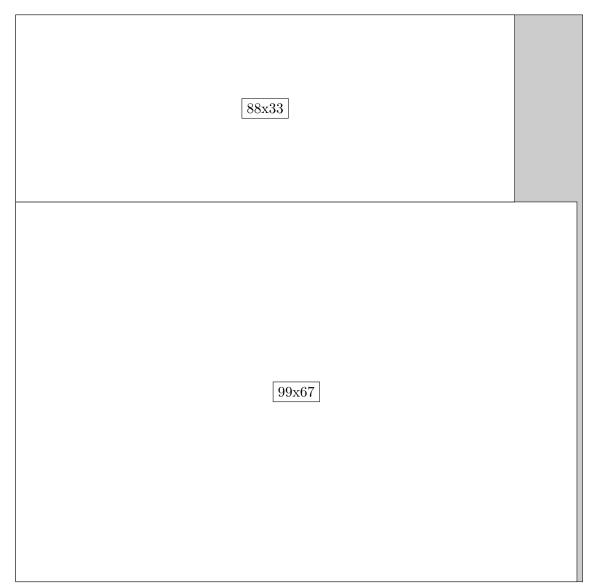


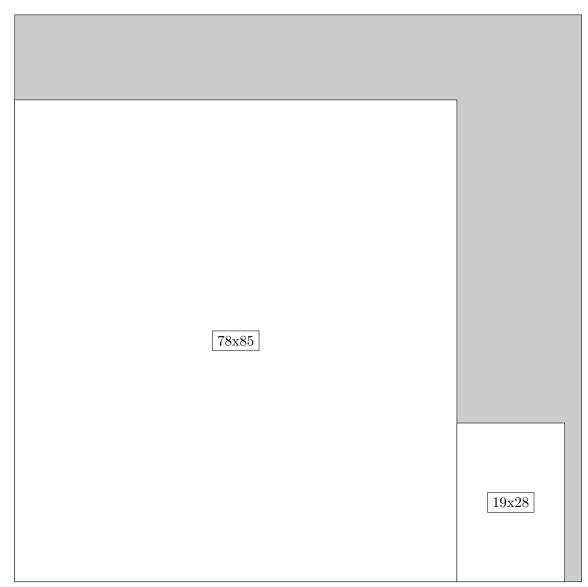
w = 87, h = 79, x = 0, y = 0, v = 6873

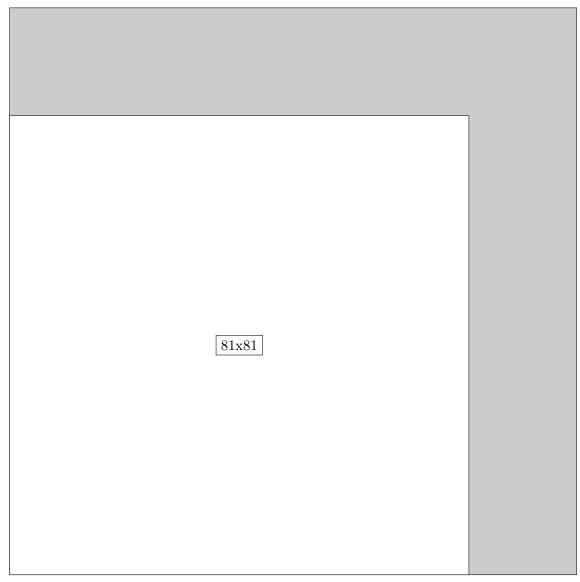




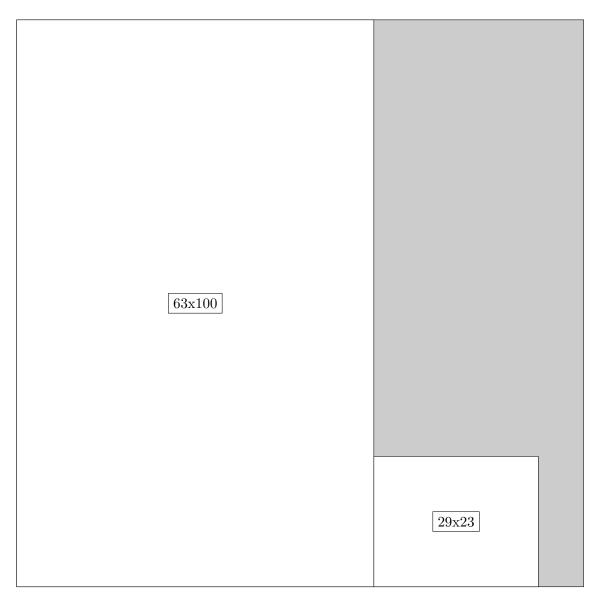
w = 97, h = 69, x = 0, y = 0, v = 6693

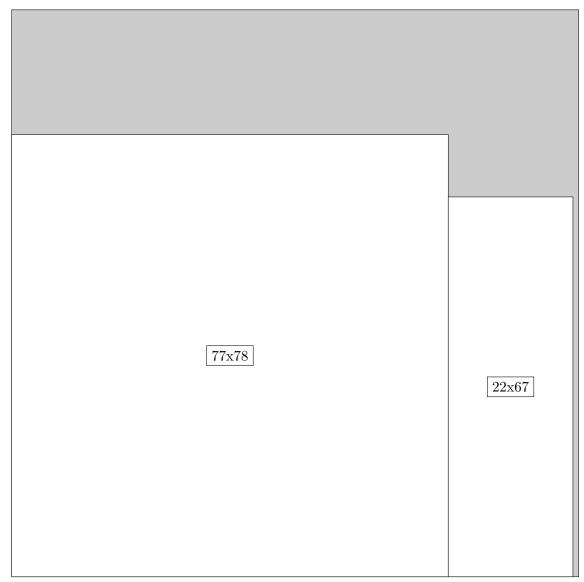




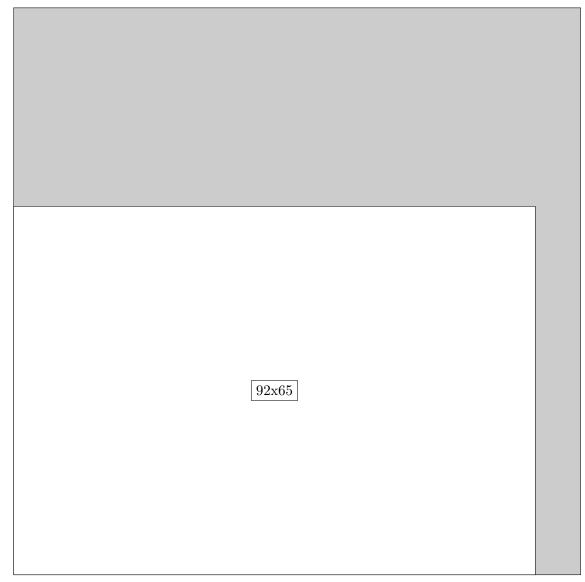


 $\le =81$, $h=\!81$, $x=\!0$, $y=\!0$, $v=\!6561$

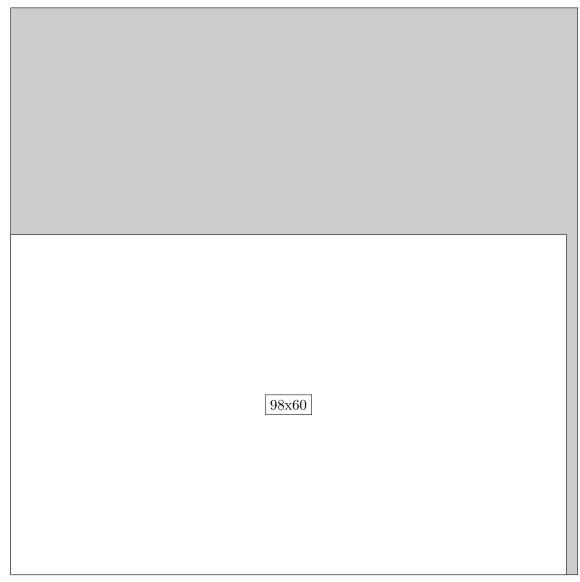




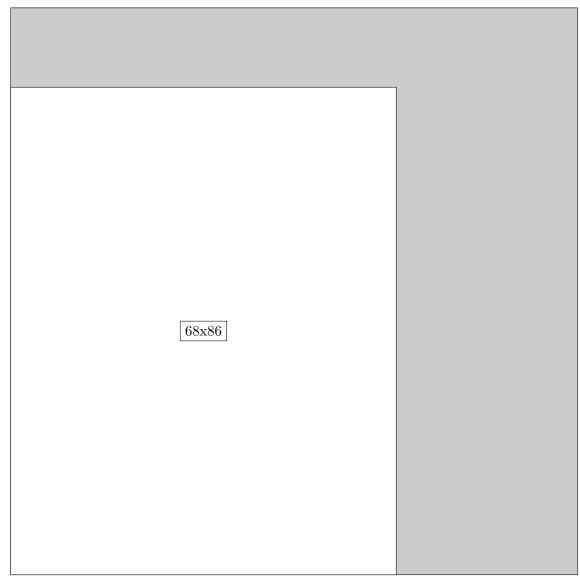
$$\begin{array}{c} w = 77 \; , \; h = 78 \; , \; x = 0 \; , \; y = 0 \; , \; v = 6006 \\ w = 22 \; , \; h = 67 \; , \; x = 77 \; , \; y = 0 \; , \; v = 1474 \\ \end{array}$$



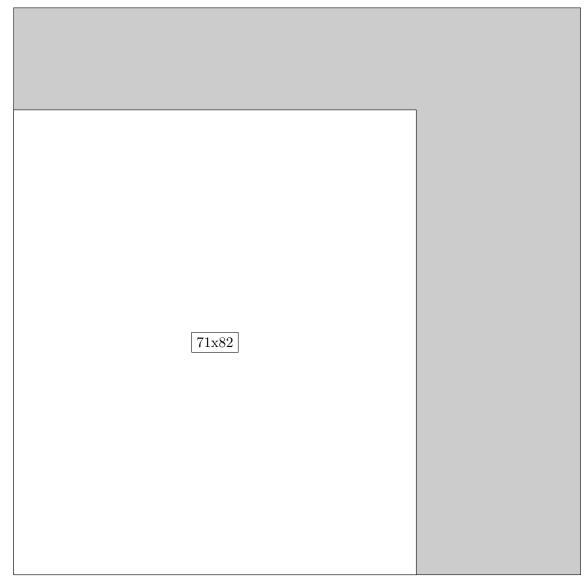
 $\le =92$, h =65 , x =0 , y =0 , v =5980



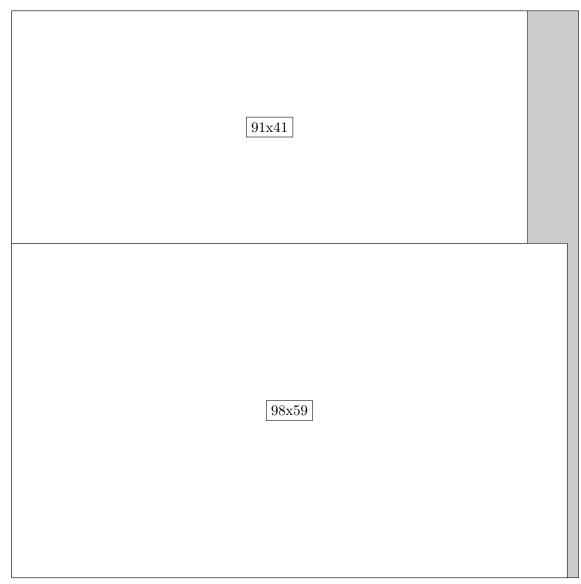
 $\overline{\mathbf{w}} = 98$, $\mathbf{h} = 60$, $\mathbf{x} = 0$, $\mathbf{y} = 0$, $\mathbf{v} = 5880$

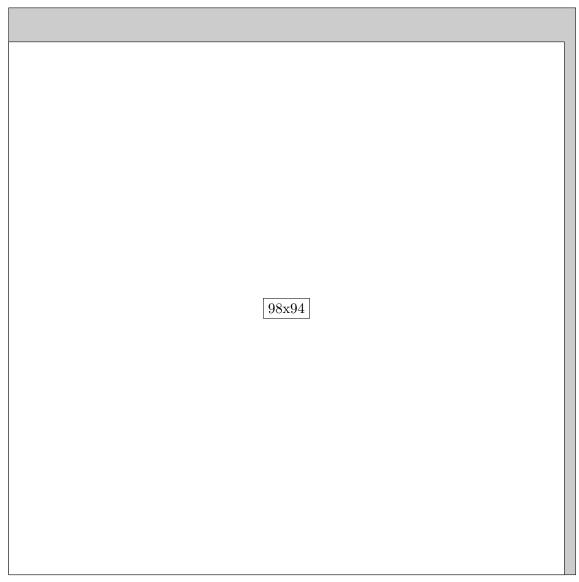


w = 68, h = 86, x = 0, y = 0, v = 5848

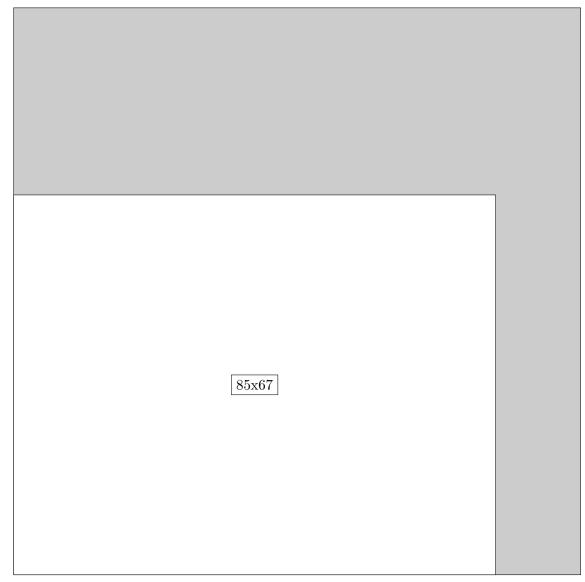


w = 71, h = 82, x = 0, y = 0, v = 5822

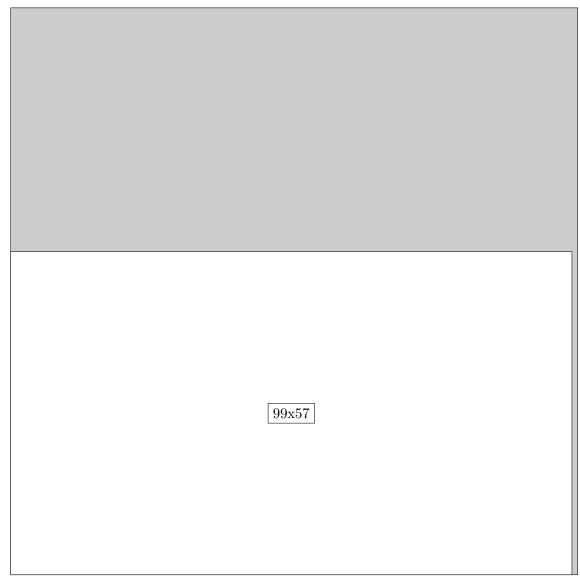




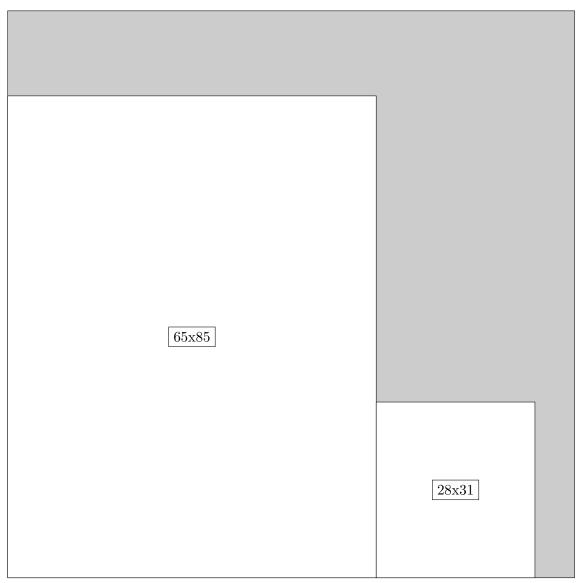
w = 98, h = 94, x = 0, y = 0, v = 9212

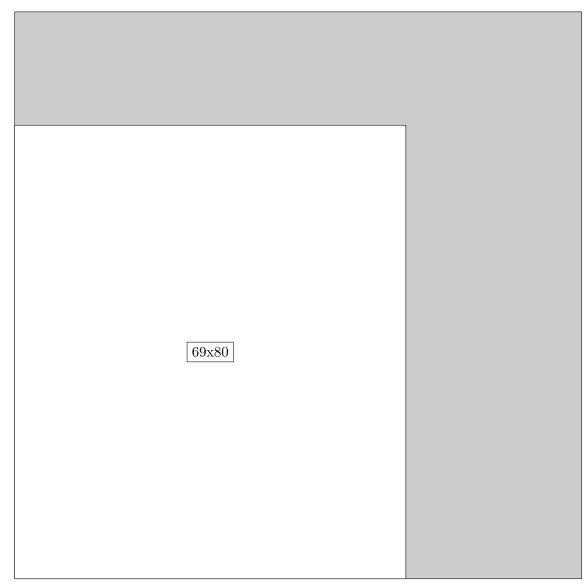


w = 85, h = 67, x = 0, y = 0, v = 5695

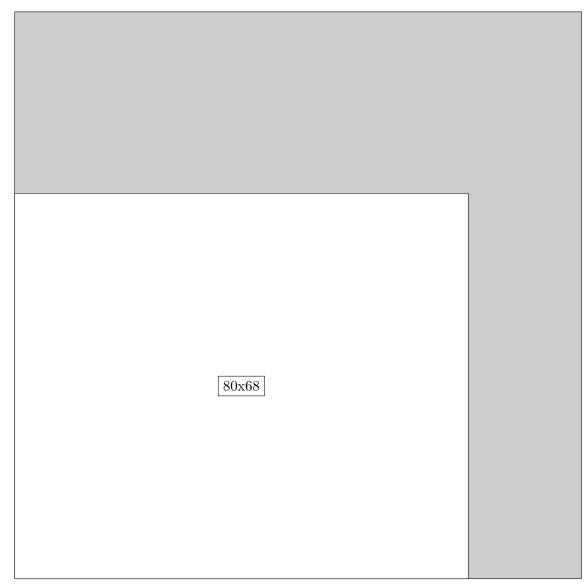


 $\le =99$, h =57 , x =0 , y =0 , v = 5643

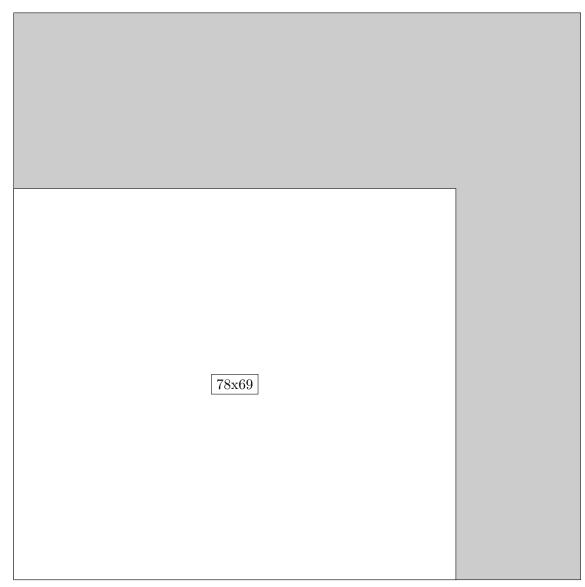




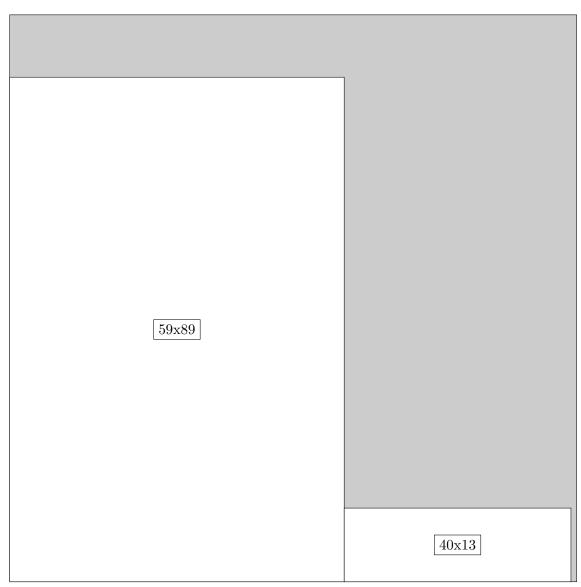
 $\overline{\mathbf{w}} = 69$, $\mathbf{h} = 80$, $\mathbf{x} = 0$, $\mathbf{y} = 0$, $\mathbf{v} = 5520$

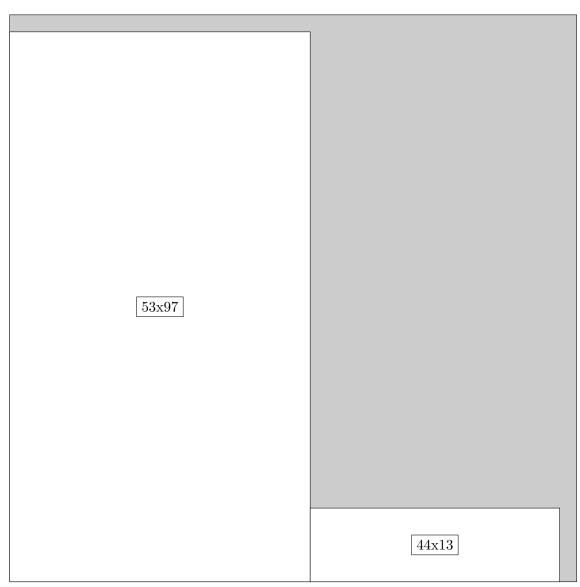


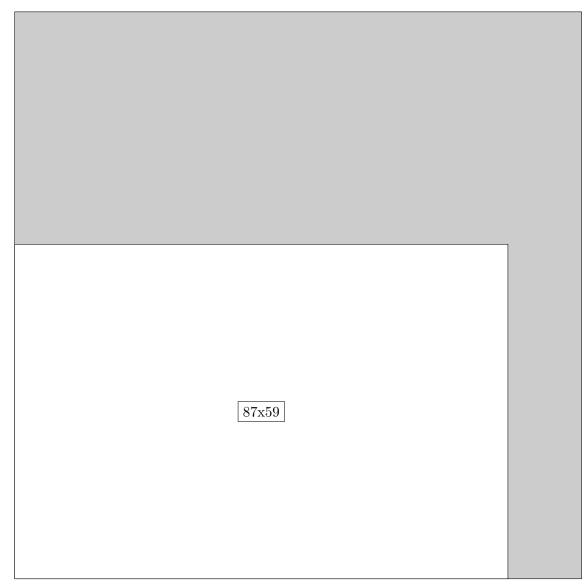
 $\overline{w} = 80$, h = 68, x = 0, y = 0, v = 5440



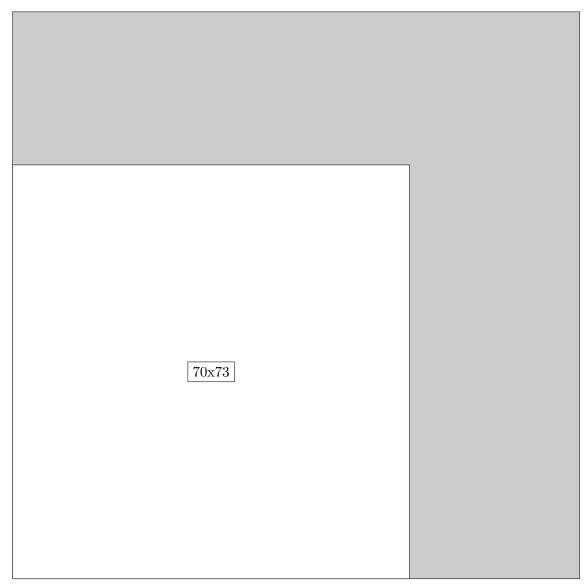
w = 78, h = 69, x = 0, y = 0, v = 5382



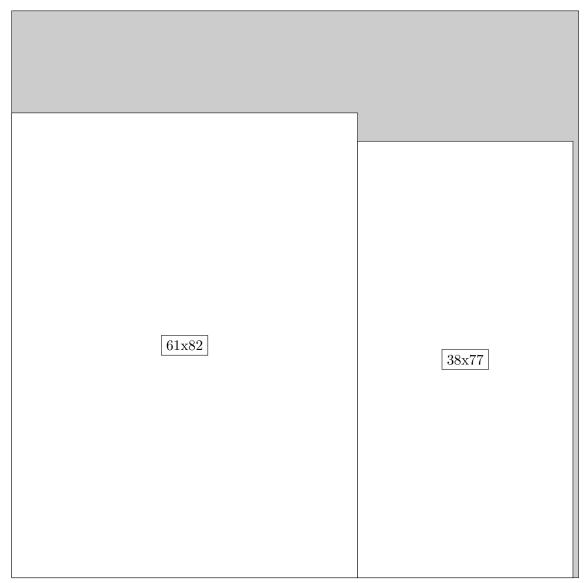




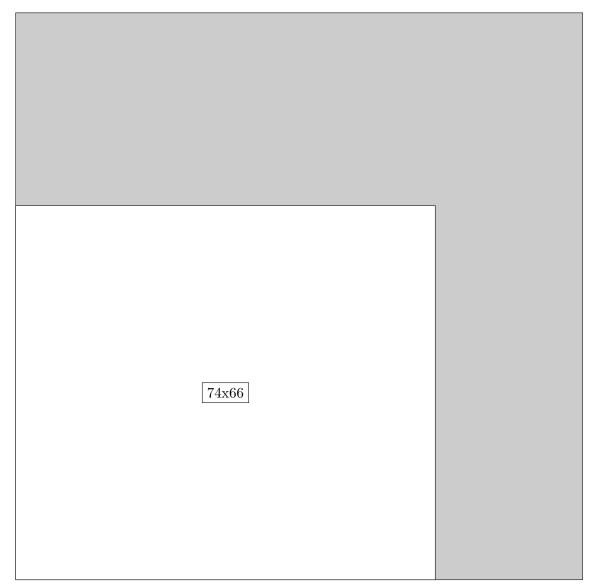
w = 87, h = 59, x = 0, y = 0, v = 5133



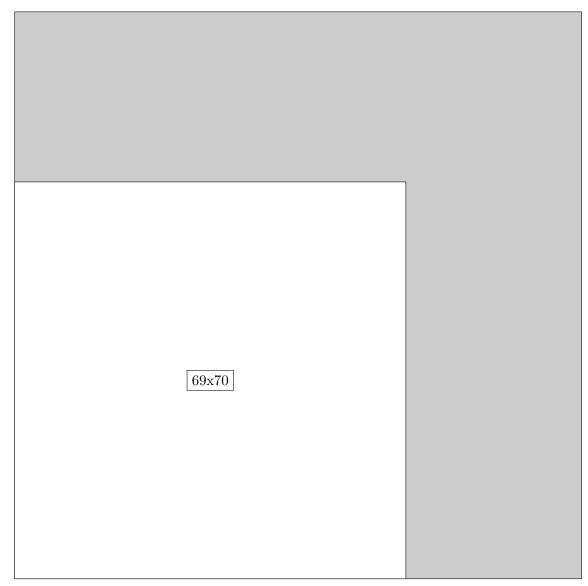
w = 70, h = 73, x = 0, y = 0, v = 5110



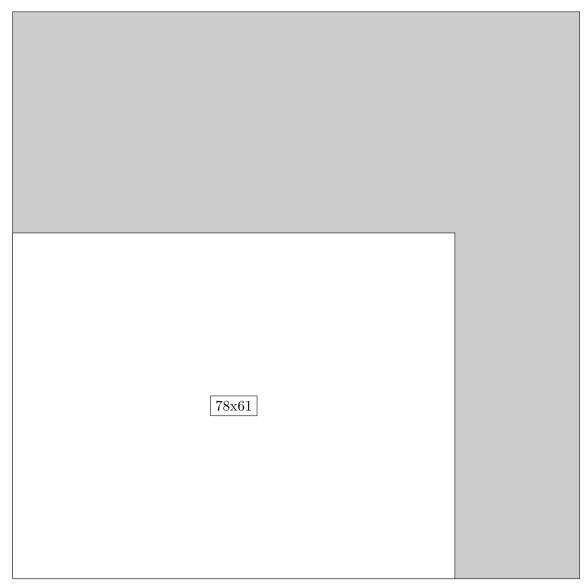
$$\begin{array}{c} w = \! 61 \; , \; h = \! 82 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 5002 \\ w = \! 38 \; , \; h = \! 77 \; , \; x = \! 61 \; , \; y = \! 0 \; , \; v = \! 2926 \\ \end{array}$$



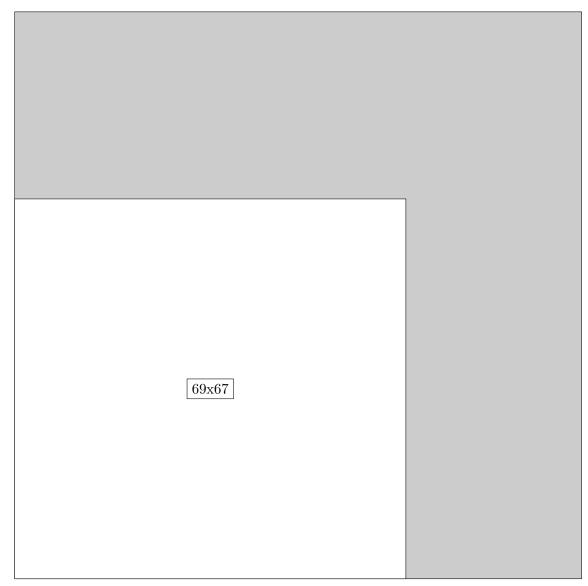
w = 74, h = 66, x = 0, y = 0, v = 4884



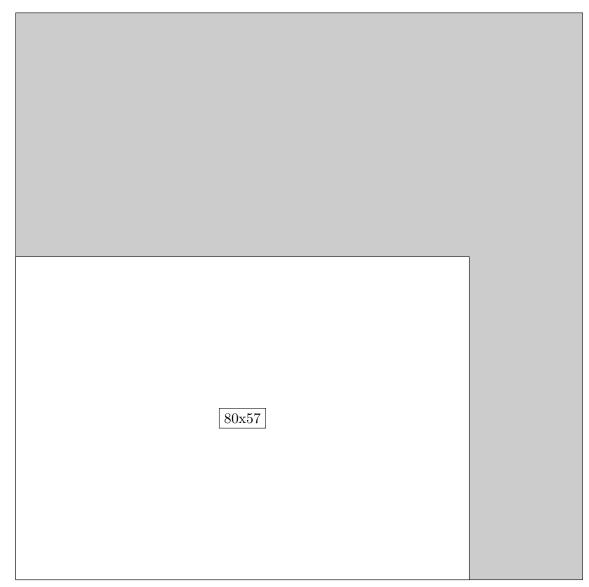
w = 69, h = 70, x = 0, y = 0, v = 4830



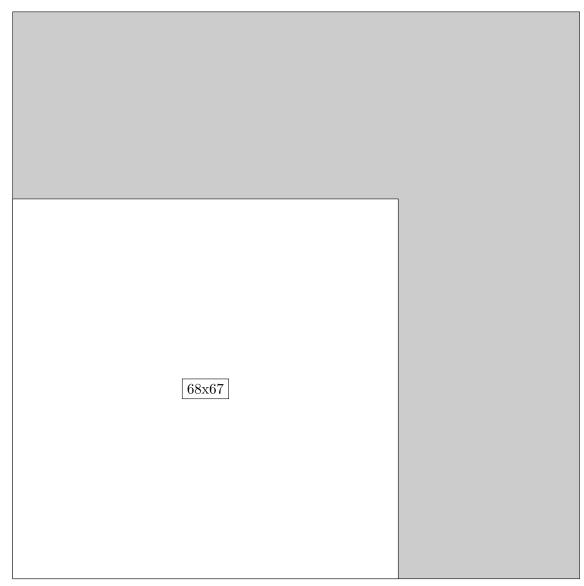
w = 78, h = 61, x = 0, y = 0, v = 4758



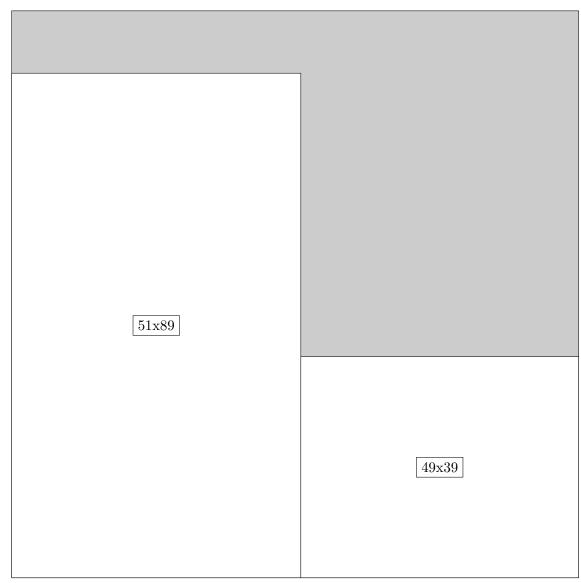
w = 69, h = 67, x = 0, y = 0, v = 4623

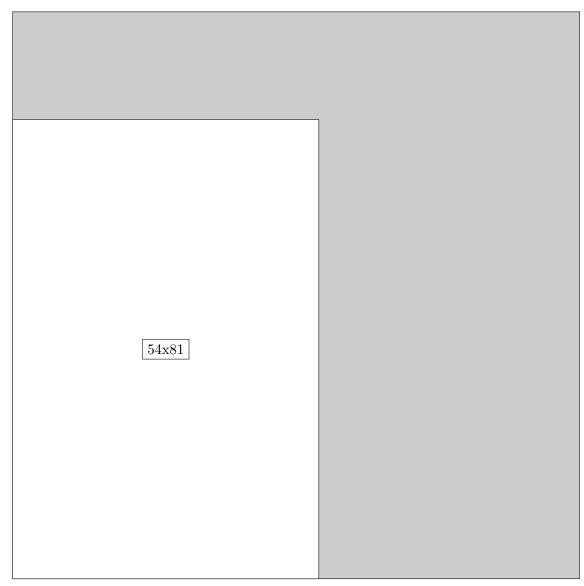


 $\le =80$, h =57 , x =0 , y =0 , v =4560

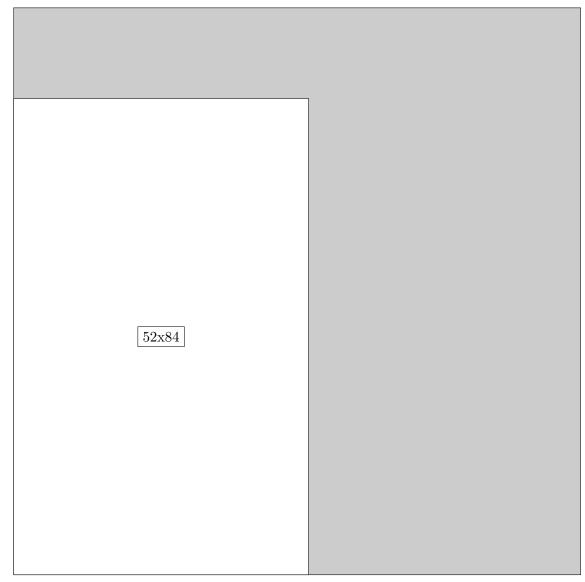


w = 68, h = 67, x = 0, y = 0, v = 4556

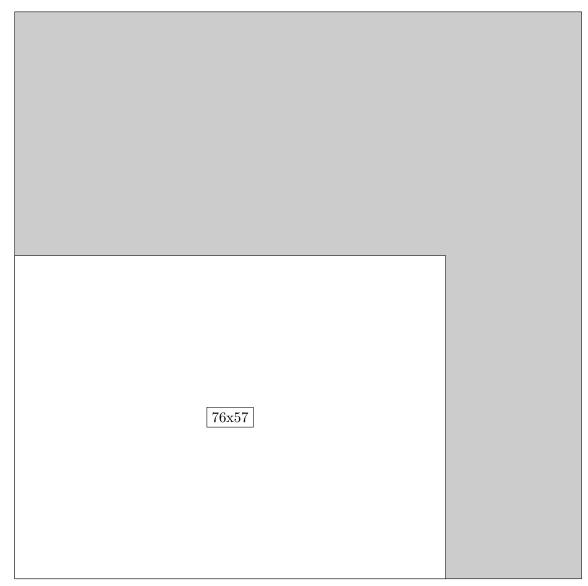




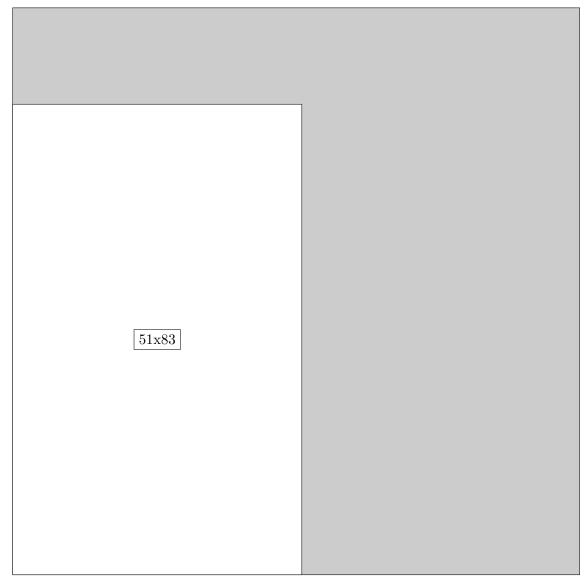
 $\le =54$, h =81 , x =0 , y =0 , v =4374



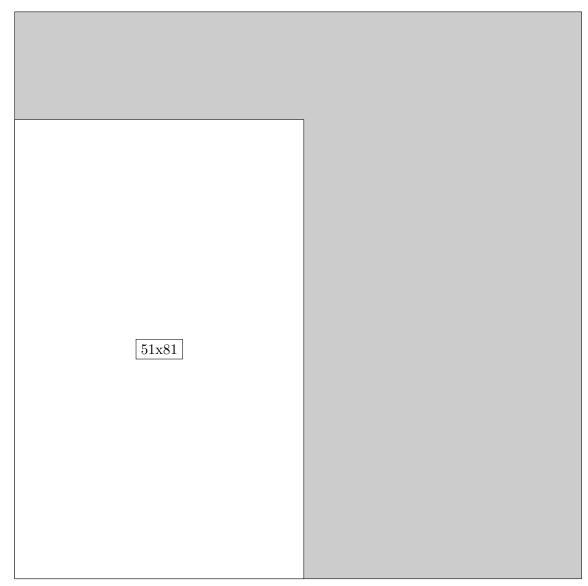
w = 52, h = 84, x = 0, y = 0, v = 4368



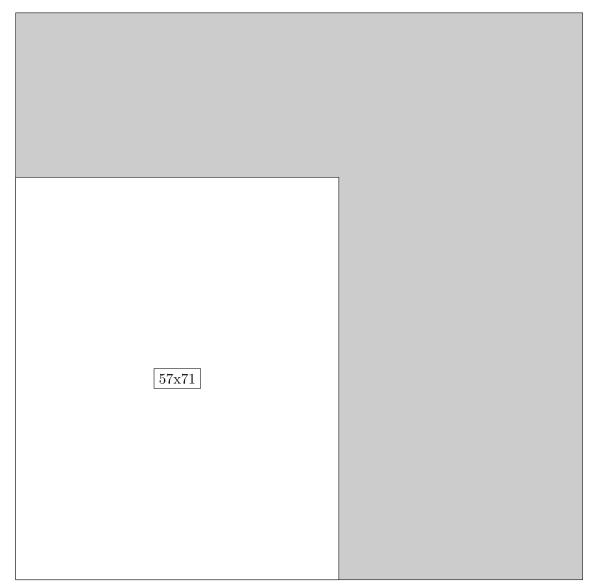
w = 76, h = 57, x = 0, y = 0, v = 4332



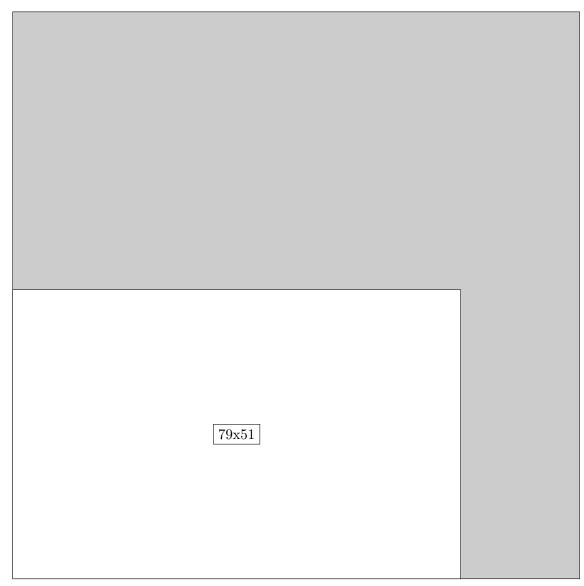
w = 51, h = 83, x = 0, y = 0, v = 4233



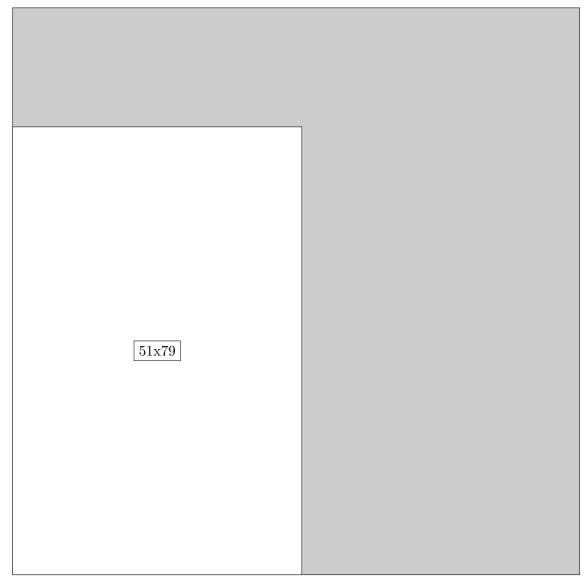
 $\le =51$, h =81 , x =0 , y =0 , v =4131



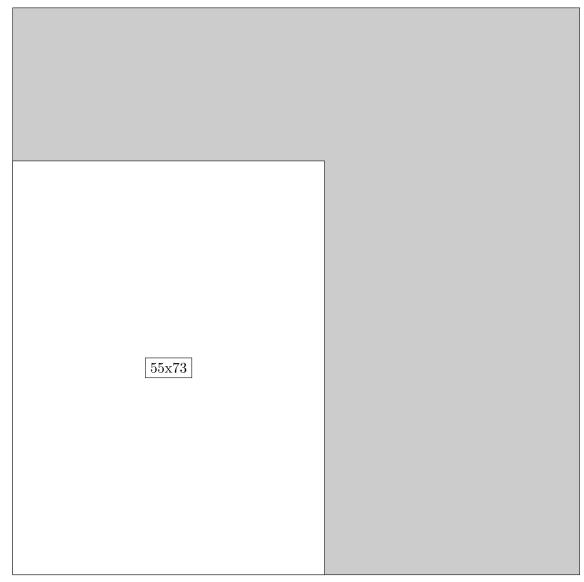
w = 57, h = 71, x = 0, y = 0, v = 4047



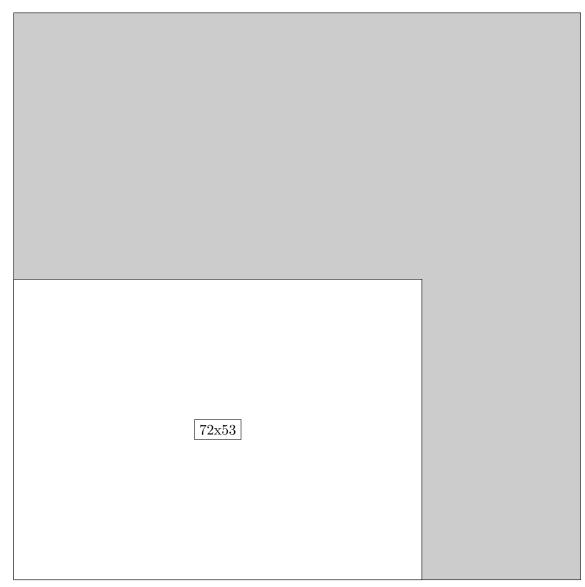
 \mathbf{w} =79 , h =51 , x =0 , y =0 , v =4029



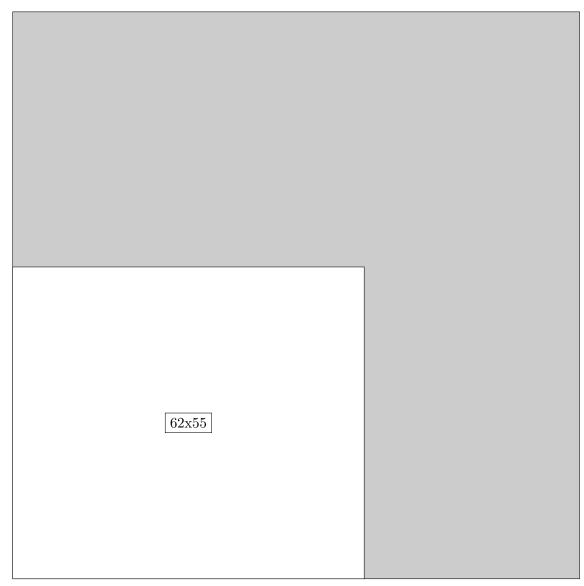
 \mathbf{w} =51 , h =79 , x =0 , y =0 , v =4029



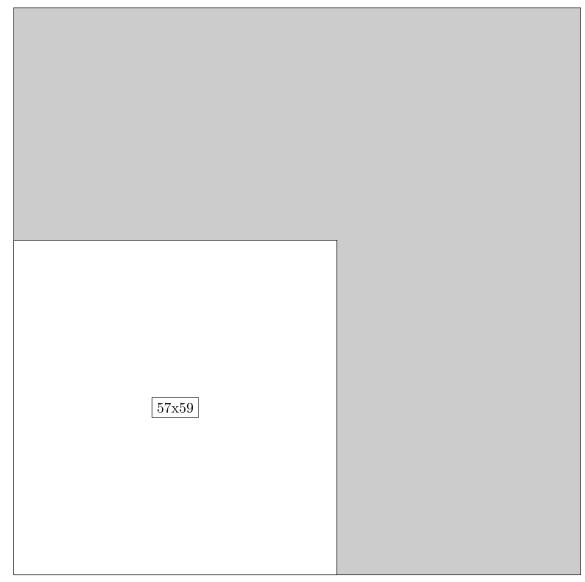
 $\overline{\mathrm{w}}$ =55 , h =73 , x =0 , y =0 , v =4015



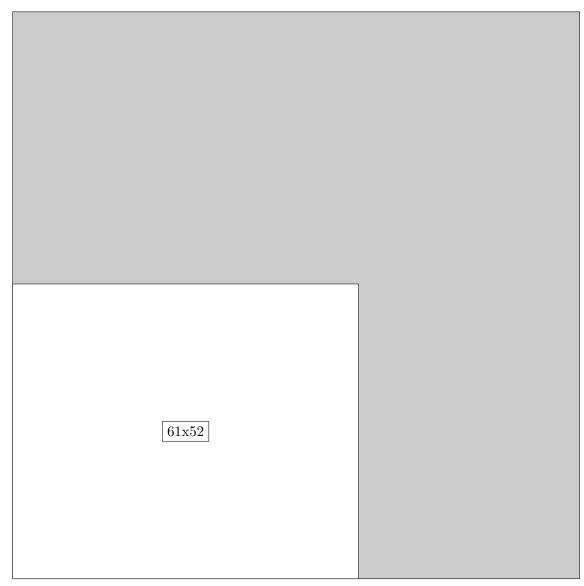
 \mathbf{w} =72 , h =53 , x =0 , y =0 , v =3816



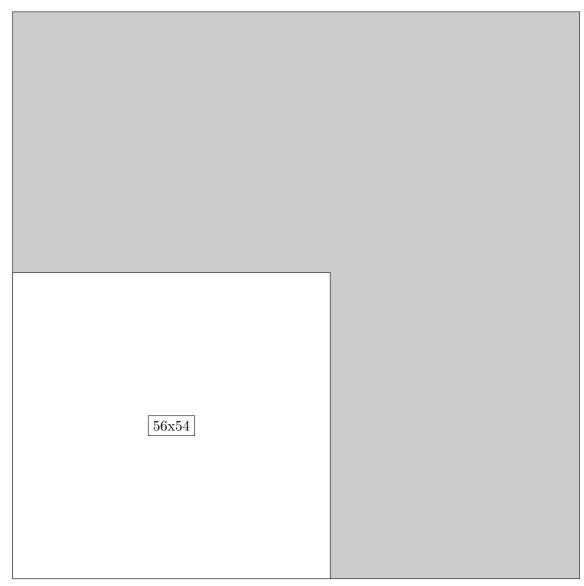
 $\le =62$, h =55 , x =0 , y =0 , v =3410



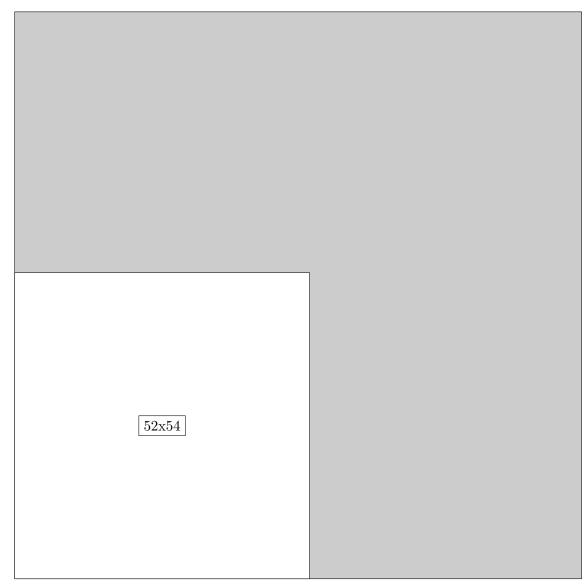
w = 57, h = 59, x = 0, y = 0, v = 3363



 $\le =61$, h =52 , x =0 , y =0 , v =3172



w = 56, h = 54, x = 0, y = 0, v = 3024



w = 52, h = 54, x = 0, y = 0, v = 2808



$$\begin{array}{l} w = \! 92 \ , \ h = \! 50 \ , \ x = \! 0 \ , \ y = \! 36 \ , \ v = \! 4600 \\ w = \! 91 \ , \ h = \! 36 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3276 \end{array}$$