$ClassName: \ Class\_09.2bp-48$ 

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

TypeNum: 99 Num: 100 OutS: 660000 InS: 434689 Rate: 0.659 UB: 66 LB0: 66

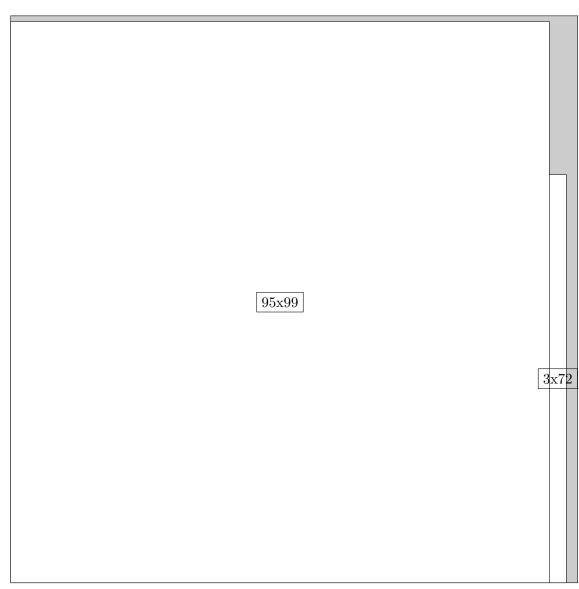
LBWithCut:  $\underline{\mathbf{66}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

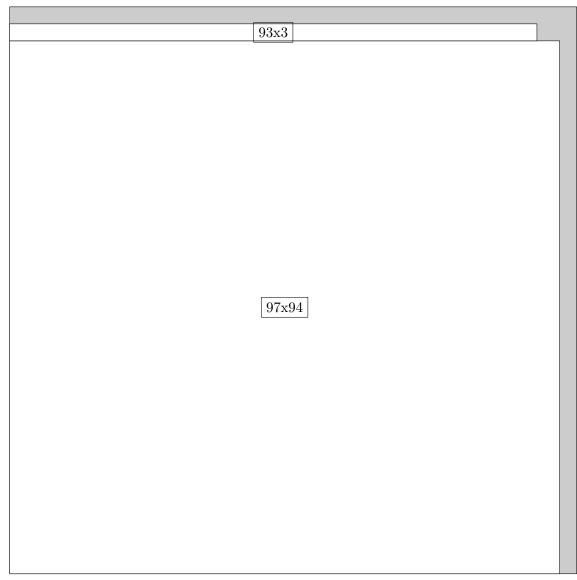
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{66}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

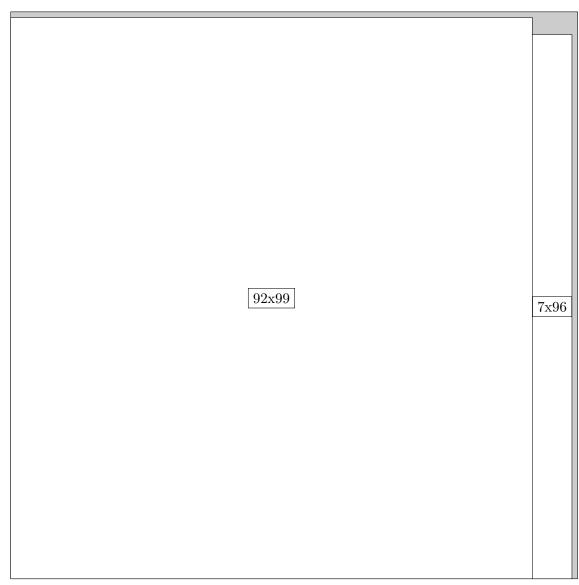
isOpt:  $\underline{\mathbf{true}}$ 

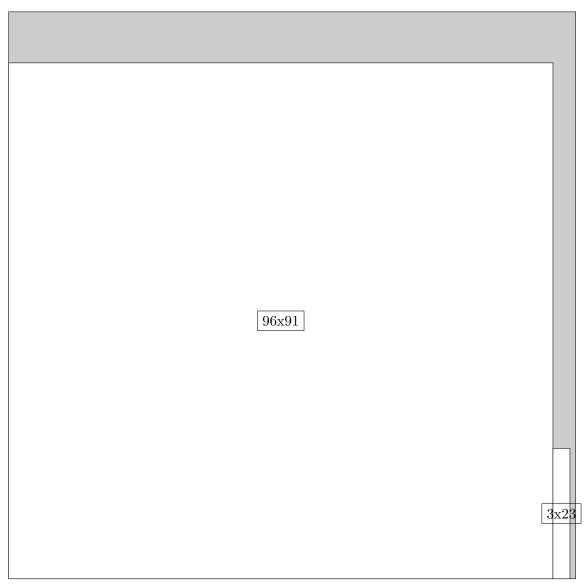
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.140 s

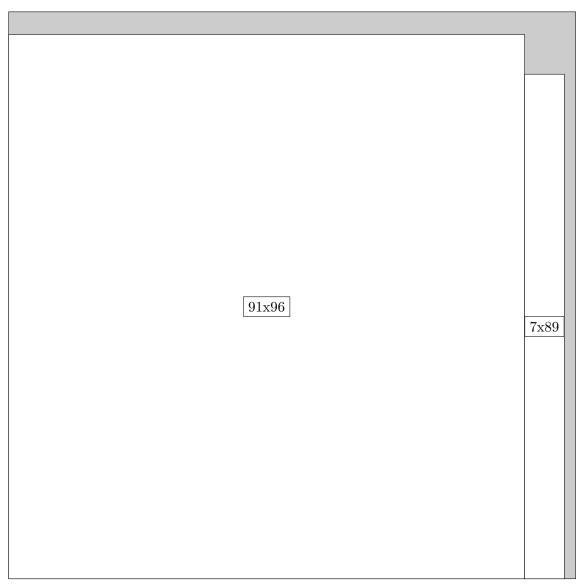


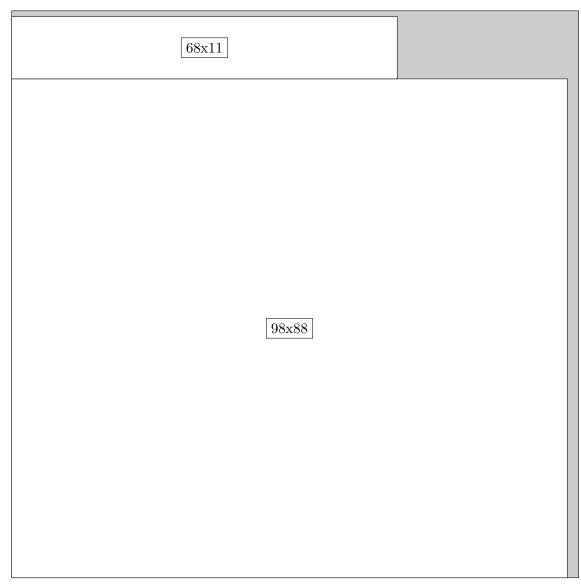
$$\begin{array}{l} w = \! 95 \ , \, h = \! 99 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 9405 \\ w = \! 3 \ , \, h = \! 72 \ , \, x = \! 95 \ , \, y = \! 0 \ , \, v = \! 216 \end{array}$$

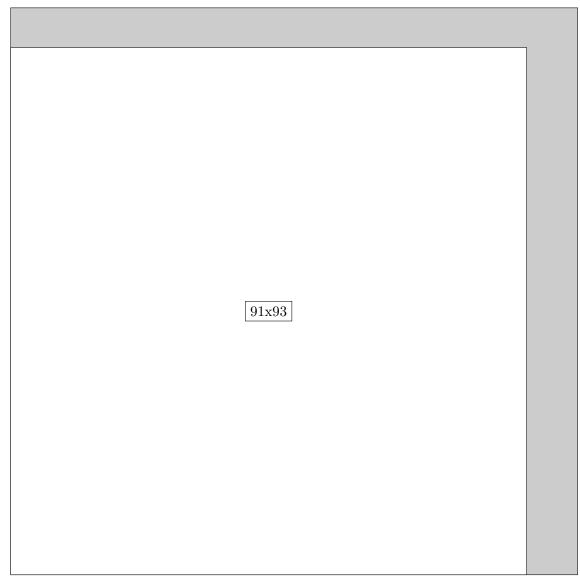




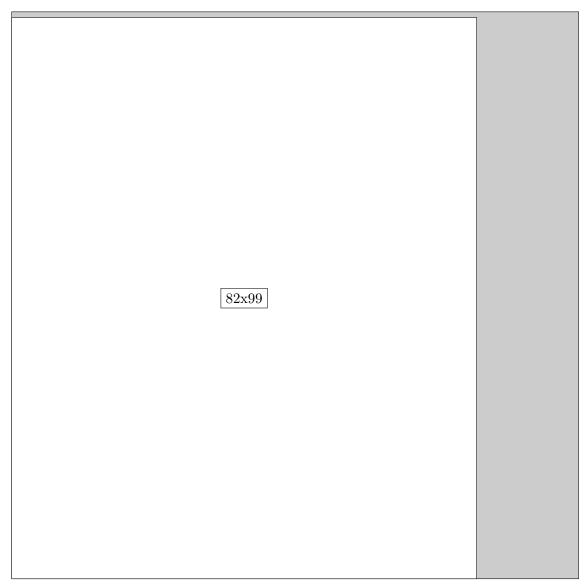




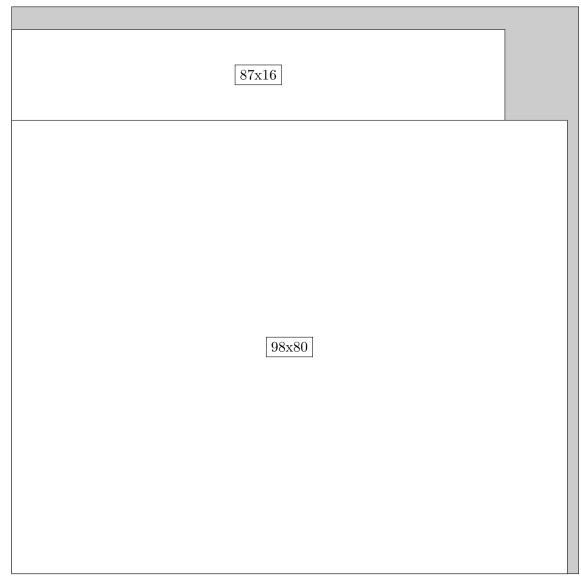


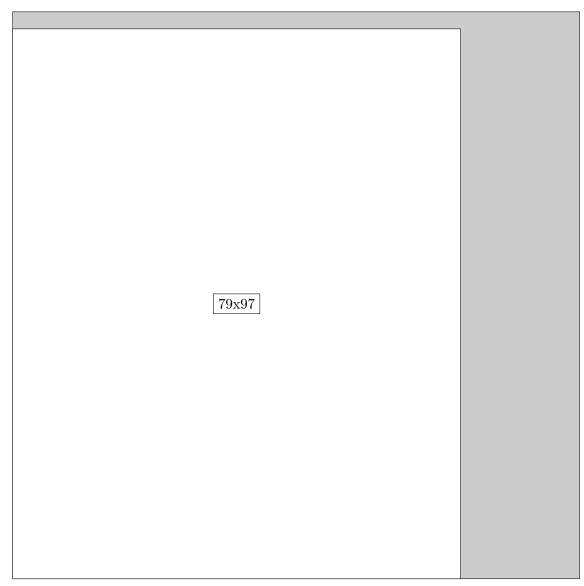


w = 91, h = 93, x = 0, y = 0, v = 8463

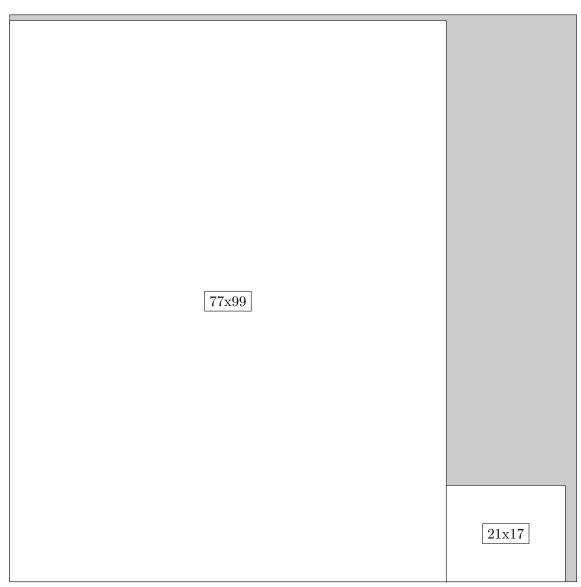


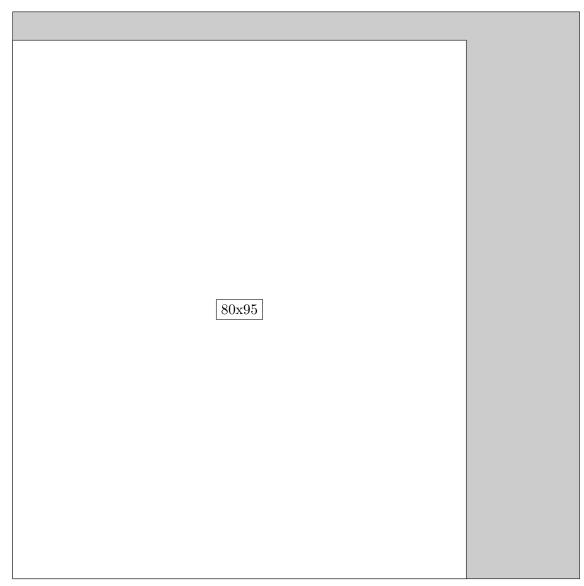
 $\le =82$  , h =99 , x =0 , y =0 , v =8118



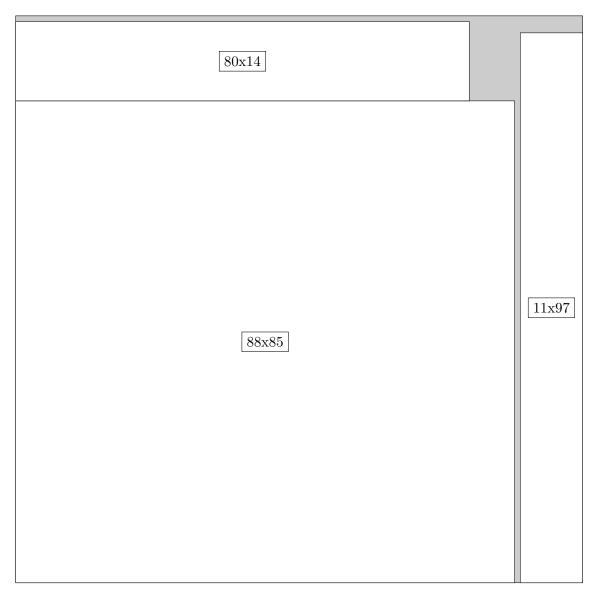


 $\overline{\rm w}$  =79 , h =97 , x =0 , y =0 , v =7663





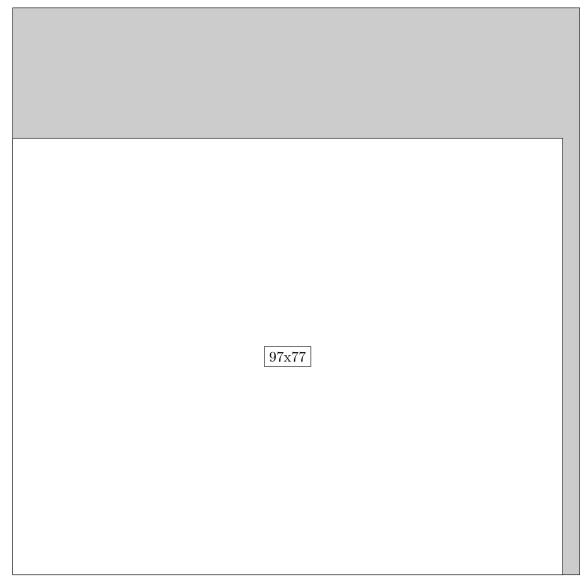
w = 80, h = 95, x = 0, y = 0, v = 7600



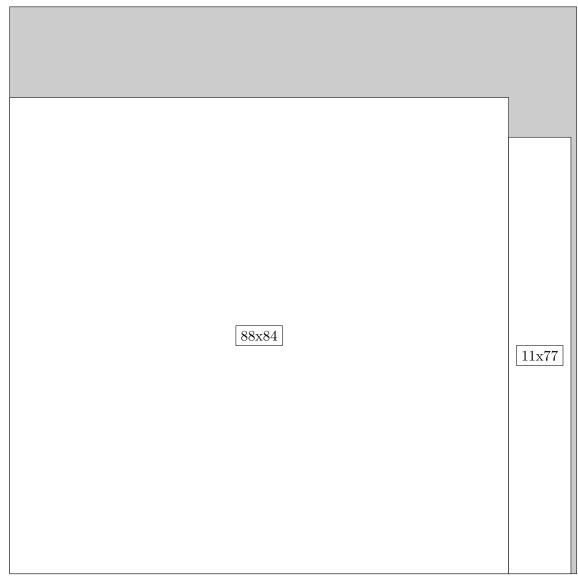
$$w = 88$$
,  $h = 85$ ,  $x = 0$ ,  $y = 0$ ,  $v = 7480$ 

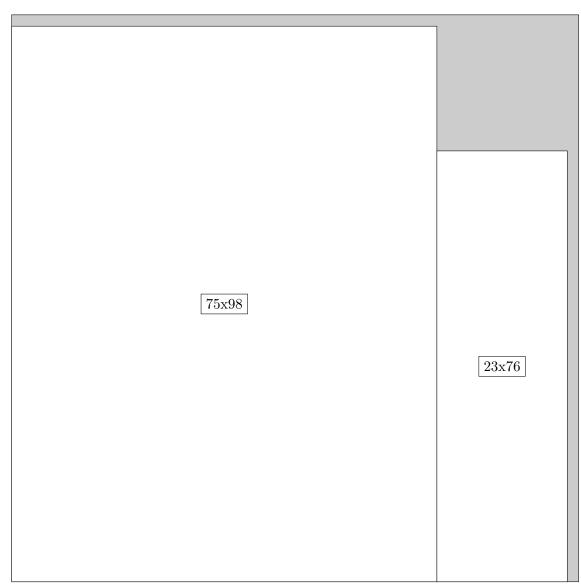
$$\le =80$$
 ,  $h$  =14 ,  $x$  =0 ,  $y$  =85 ,  $v$  =1120

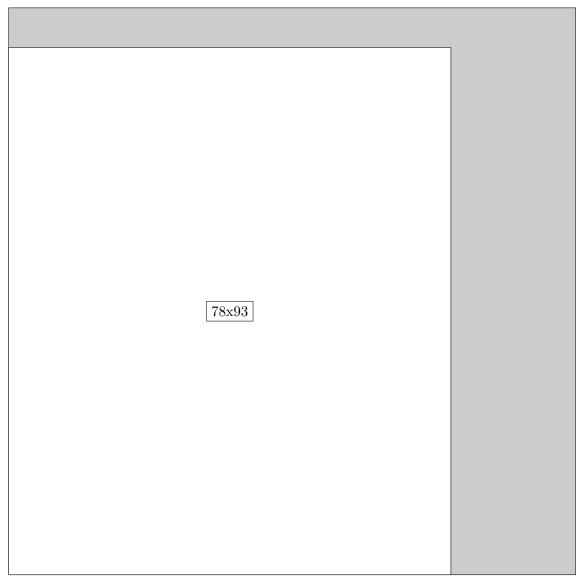
$$\le =11$$
 ,  $h=97$  ,  $x=89$  ,  $y=0$  ,  $v=1067$ 



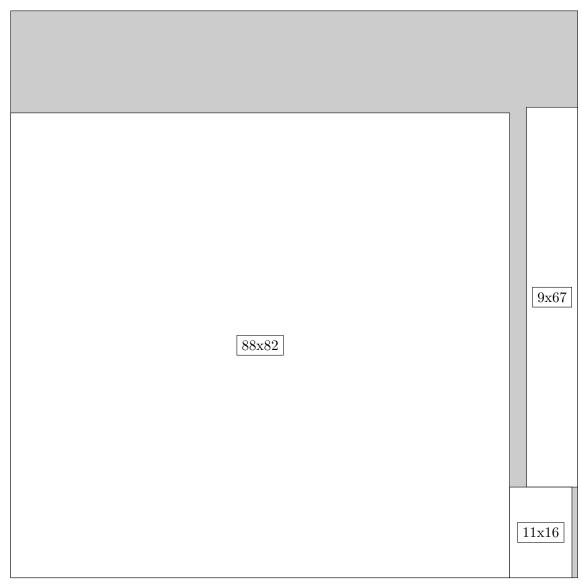
 $\le =97$  , h =77 , x =0 , y =0 , v =7469



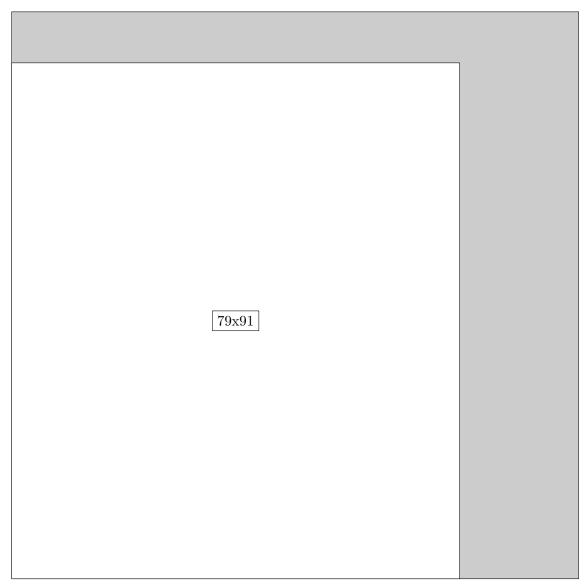




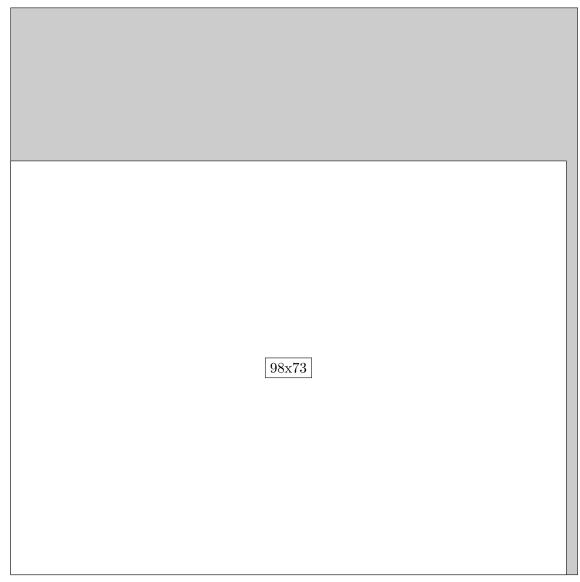
w = 78, h = 93, x = 0, y = 0, v = 7254



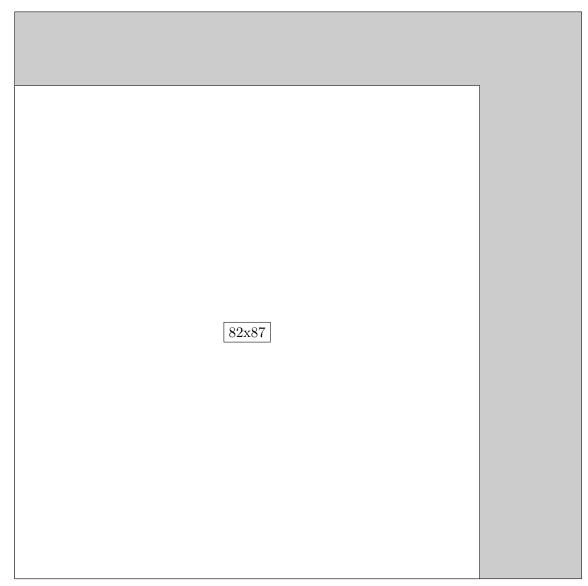
 $\begin{array}{l} w = \! 88 \; , \; h = \! 82 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 7216 \\ w = \! 9 \; , \; h = \! 67 \; , \; x = \! 91 \; , \; y = \! 16 \; , \; v = \! 603 \\ w = \! 11 \; , \; h = \! 16 \; , \; x = \! 88 \; , \; y = \! 0 \; , \; v = \! 176 \end{array}$ 



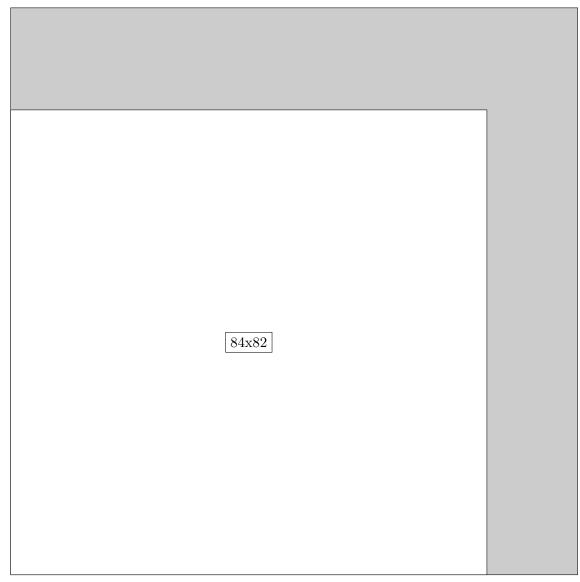
w = 79, h = 91, x = 0, y = 0, v = 7189



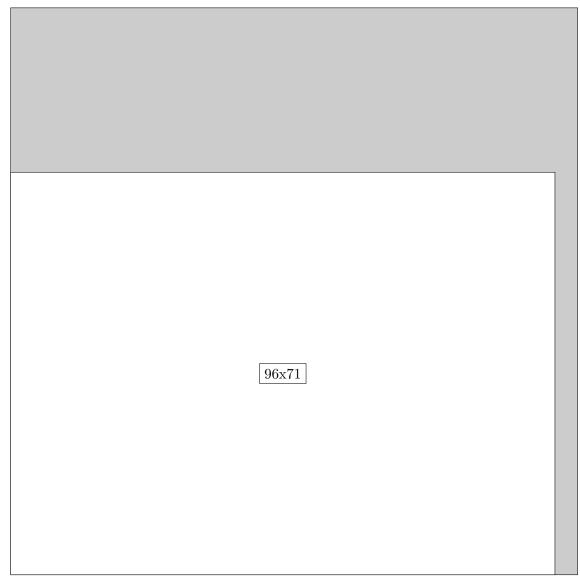
 $\le =98$  , h =73 , x =0 , y =0 , v =7154



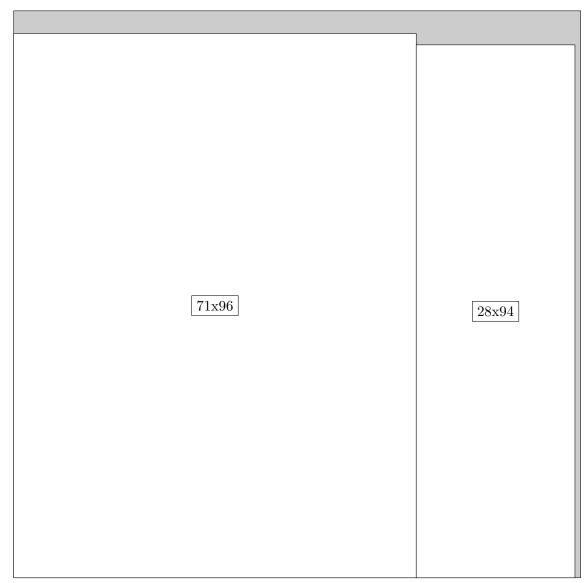
 $\le =82$  , h =87 , x =0 , y =0 , v =7134

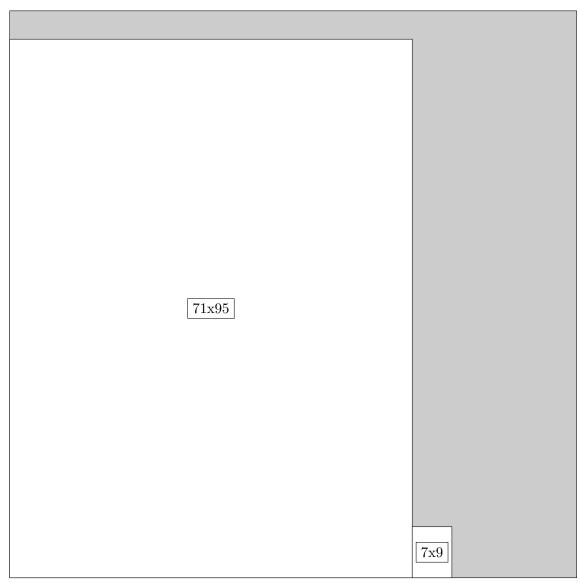


 $\le =84$  , h =82 , x =0 , y =0 , v =6888

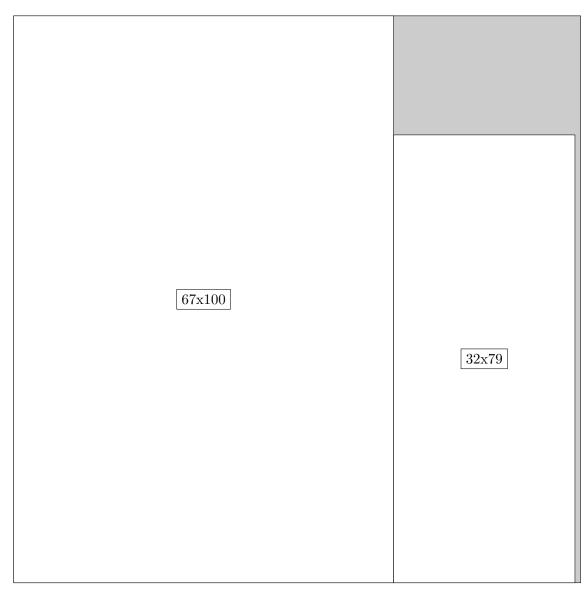


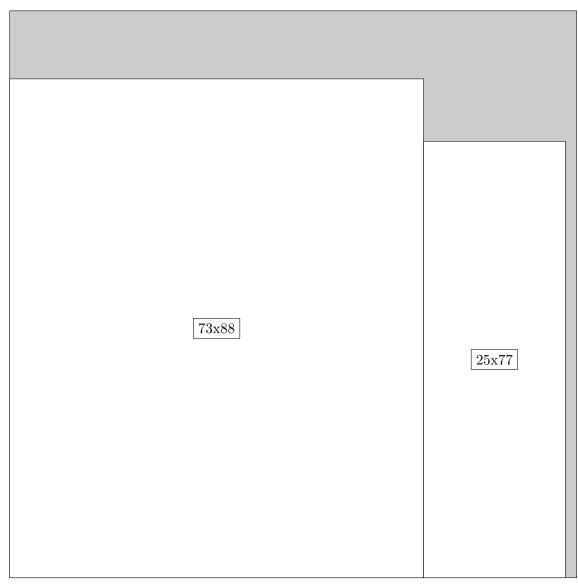
 $\le =96$  , h =71 , x =0 , y =0 , v =6816



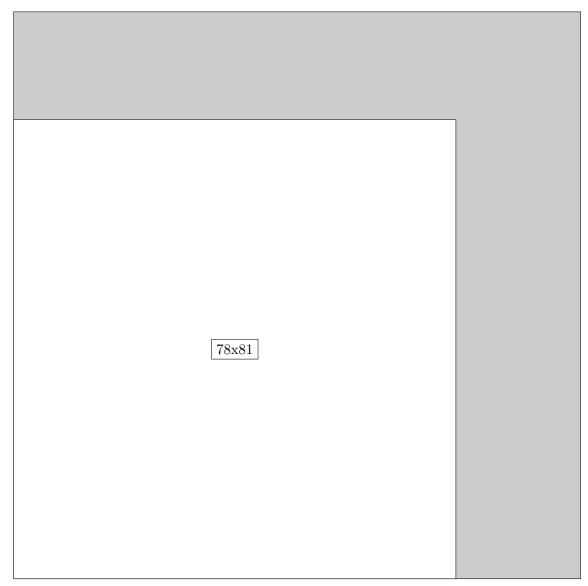


 $\begin{array}{c} w = \!\! 71 \ , \ h = \!\! 95 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 6745 \\ w = \!\! 7 \ , \ h = \!\! 9 \ , \ x = \!\! 71 \ , \ y = \!\! 0 \ , \ v = \!\! 63 \end{array}$ 

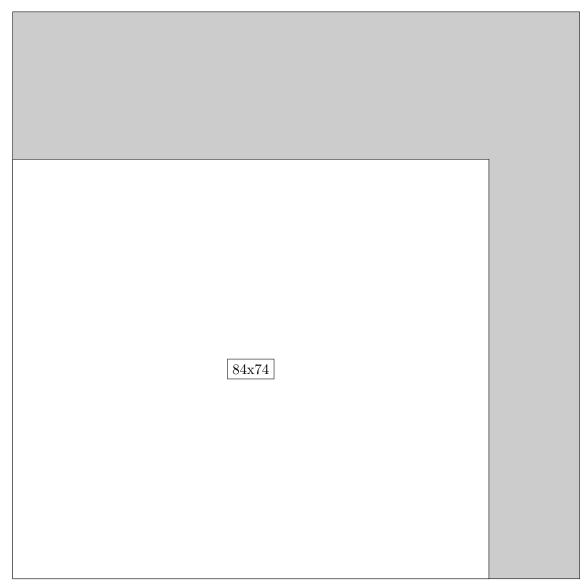




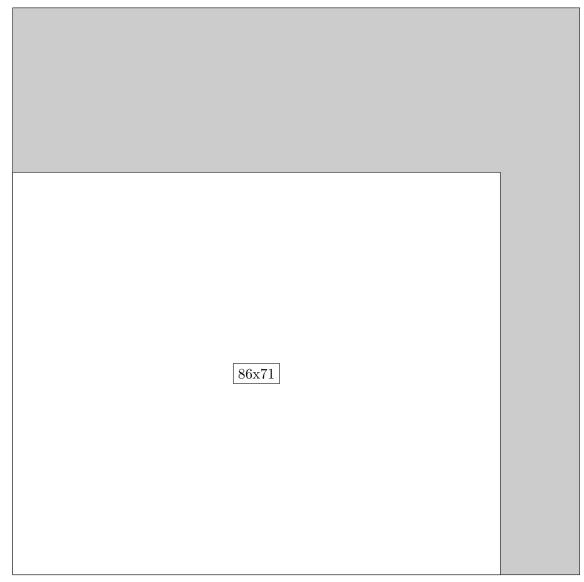
$$\begin{array}{c} w = 73 \ , \ h = 88 \ , \ x = 0 \ , \ y = 0 \ , \ v = 6424 \\ w = 25 \ , \ h = 77 \ , \ x = 73 \ , \ y = 0 \ , \ v = 1925 \\ \end{array}$$



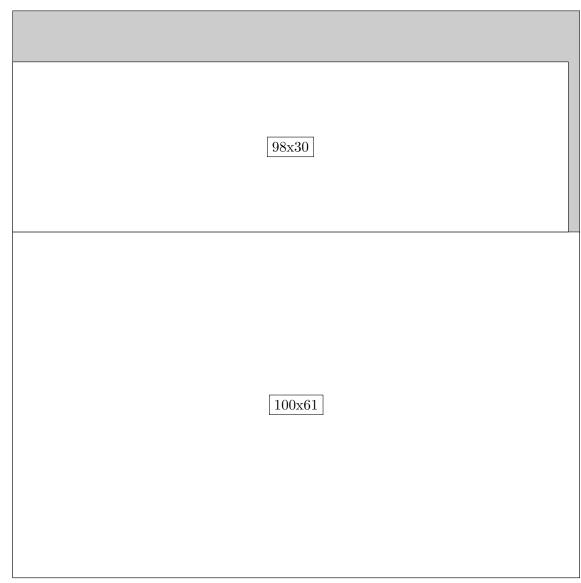
w = 78, h = 81, x = 0, y = 0, v = 6318



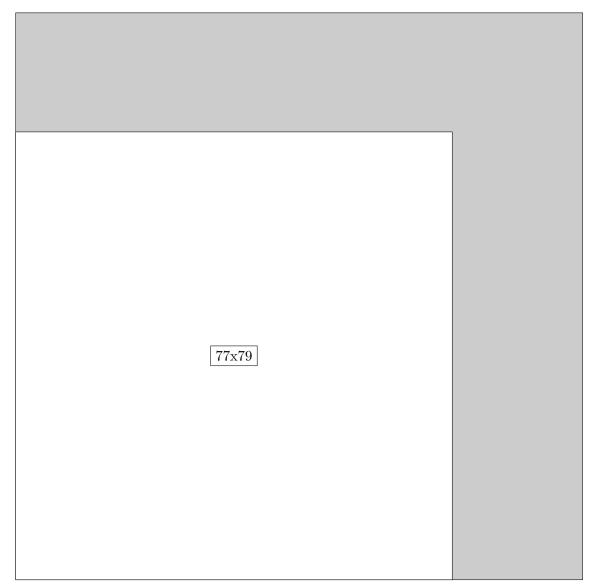
w = 84, h = 74, x = 0, y = 0, v = 6216



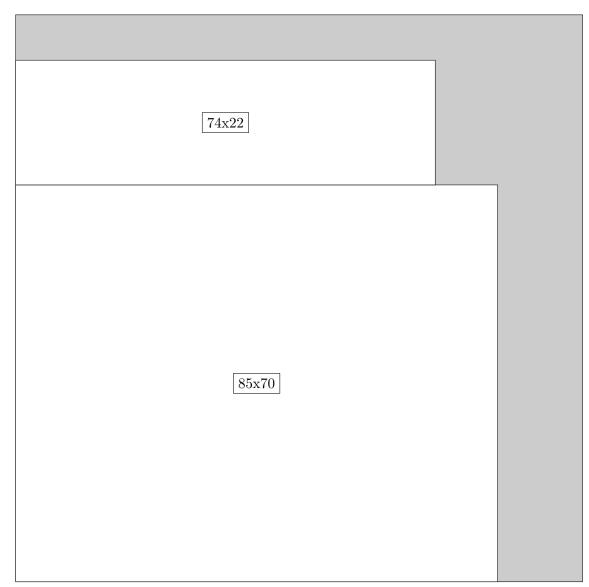
 $\le =86$  , h =71 , x =0 , y =0 , v =6106

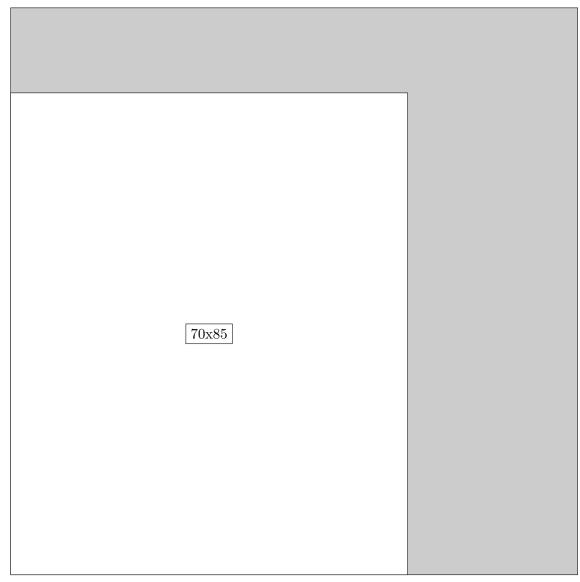


$$\begin{array}{c} w = \! 100 \; , \; h = \! 61 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 6100 \\ w = \! 98 \; , \; h = \! 30 \; , \; x = \! 0 \; , \; y = \! 61 \; , \; v = \! 2940 \\ \end{array}$$

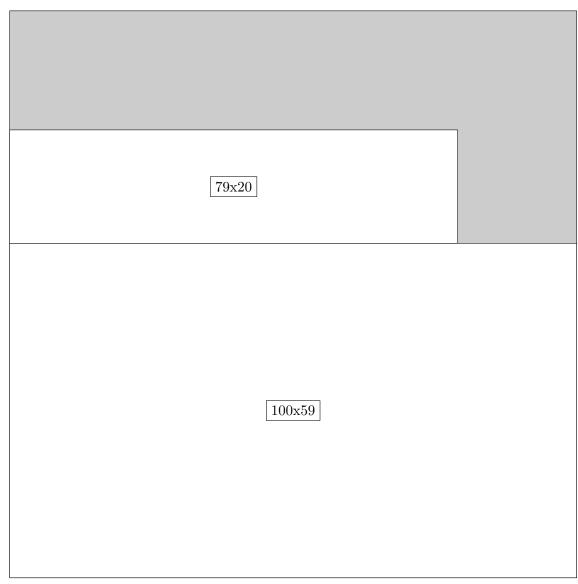


w = 77, h = 79, x = 0, y = 0, v = 6083

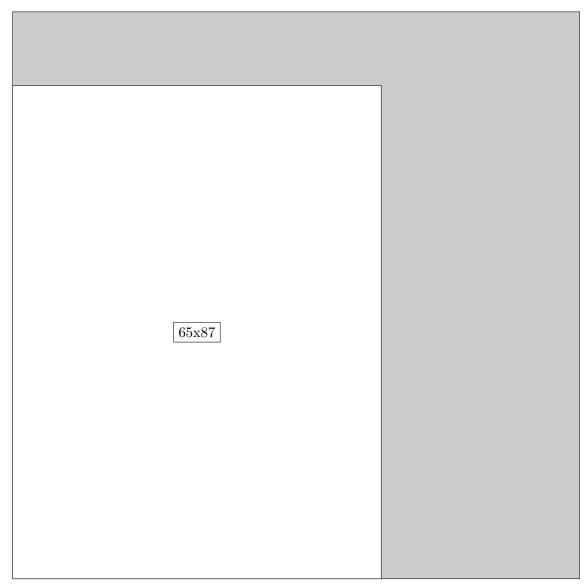




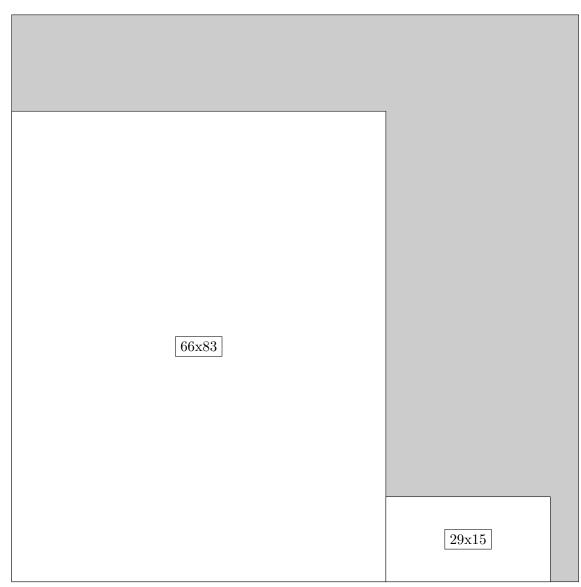
 $\overline{w} = 70$ , h = 85, x = 0, y = 0, v = 5950



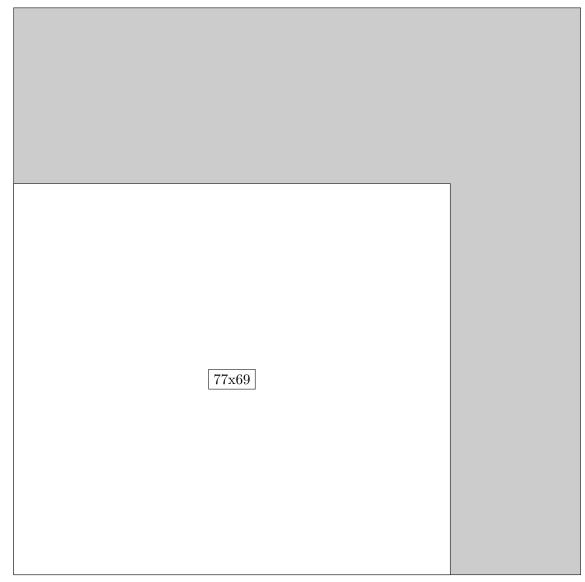
$$\begin{array}{c} w = \! 100 \; , \; h = \! 59 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 5900 \\ w = \! 79 \; , \; h = \! 20 \; , \; x = \! 0 \; , \; y = \! 59 \; , \; v = \! 1580 \\ \end{array}$$



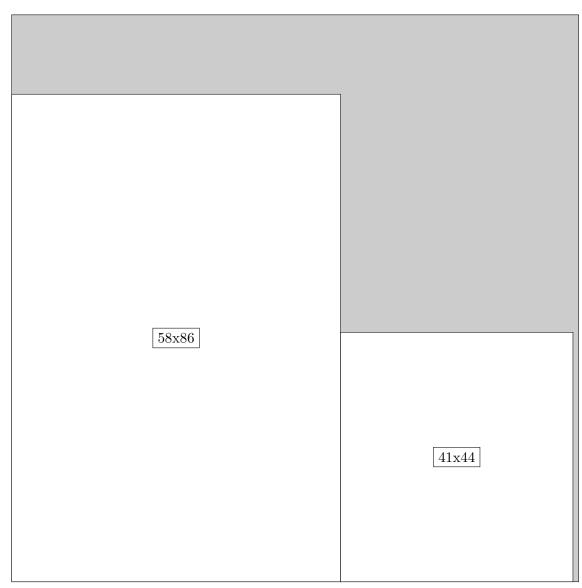
w = 65, h = 87, x = 0, y = 0, v = 5655

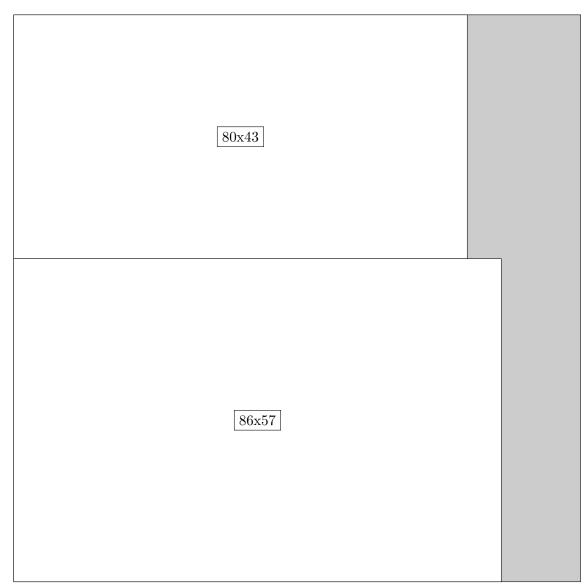


$$\begin{array}{c} w = 66 \; , \; h = 83 \; , \; x = 0 \; , \; y = 0 \; , \; v = 5478 \\ w = 29 \; , \; h = 15 \; , \; x = 66 \; , \; y = 0 \; , \; v = 435 \\ \end{array}$$

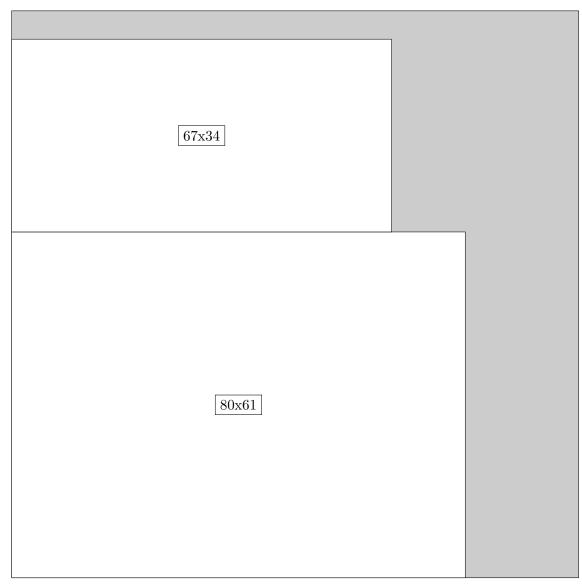


w = 77, h = 69, x = 0, y = 0, v = 5313

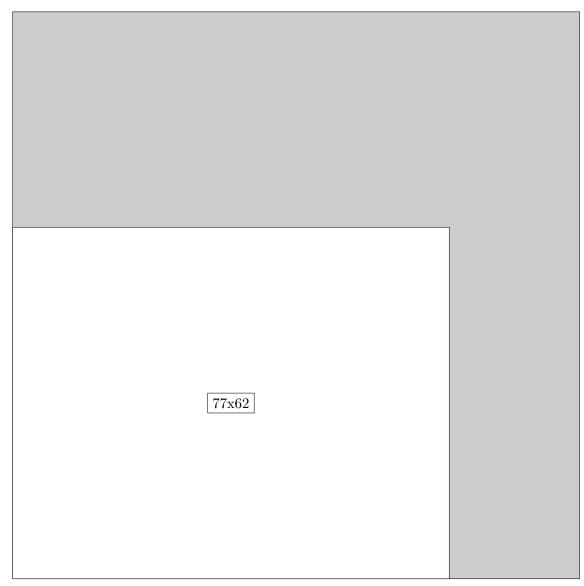




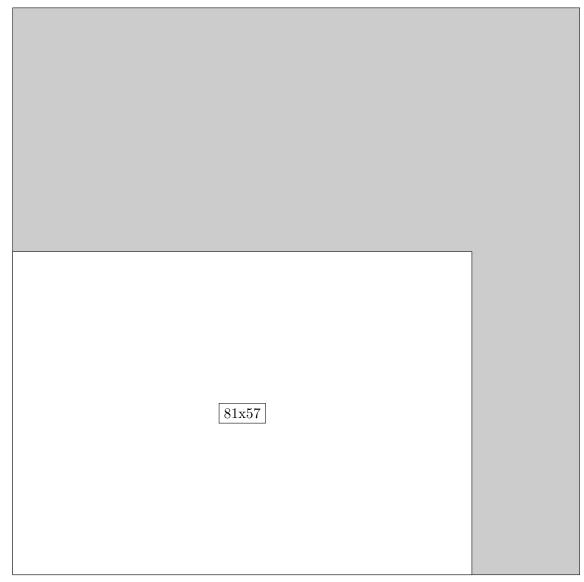
$$\begin{array}{c} w = \! 86 \; , \; h = \! 57 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4902 \\ w = \! 80 \; , \; h = \! 43 \; , \; x = \! 0 \; , \; y = \! 57 \; , \; v = \! 3440 \\ \end{array}$$



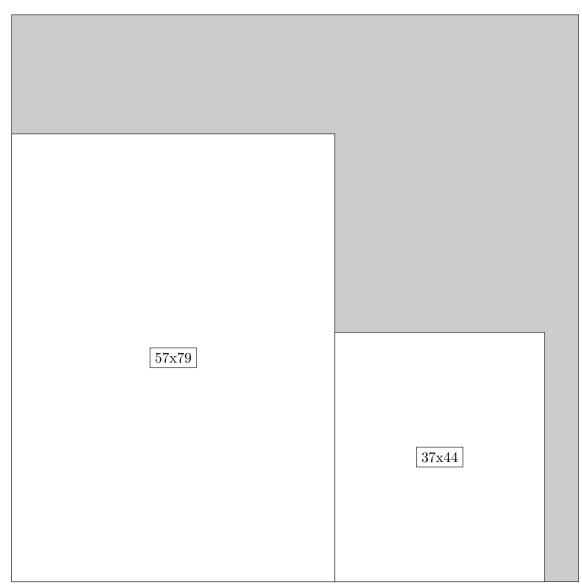
$$\begin{array}{l} w = \! 80 \ , \ h = \! 61 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4880 \\ w = \! 67 \ , \ h = \! 34 \ , \ x = \! 0 \ , \ y = \! 61 \ , \ v = \! 2278 \end{array}$$

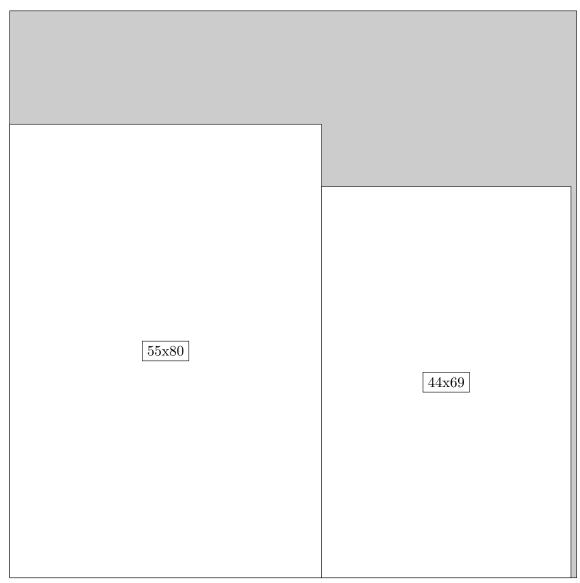


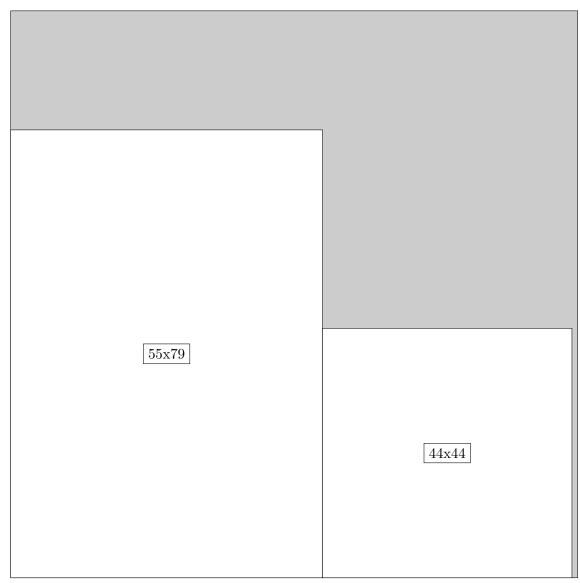
 $\mathbf{w}$  =77 , h =62 , x =0 , y =0 , v =4774

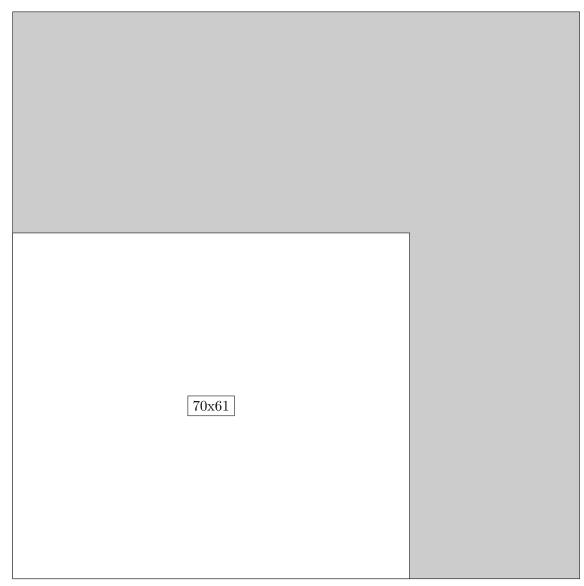


 $\le =81$  , h =57 , x =0 , y =0 , v =4617

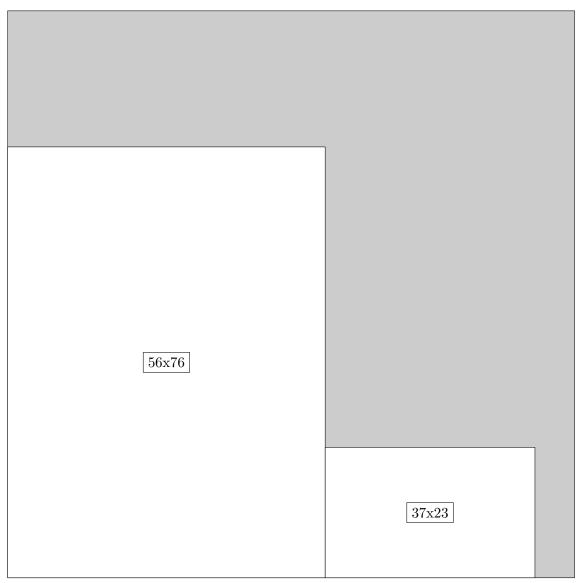




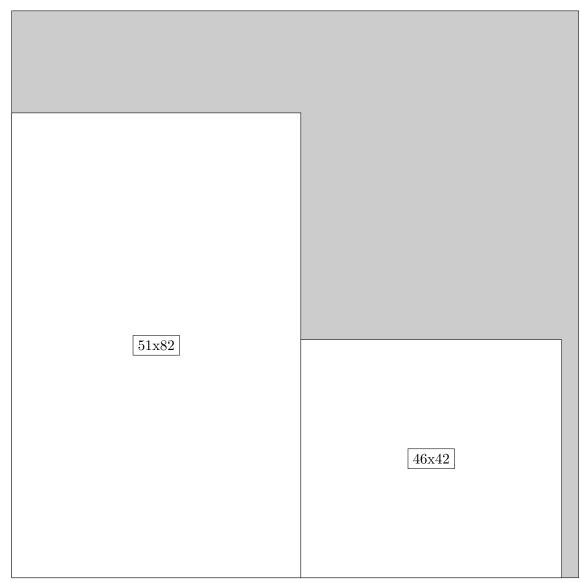




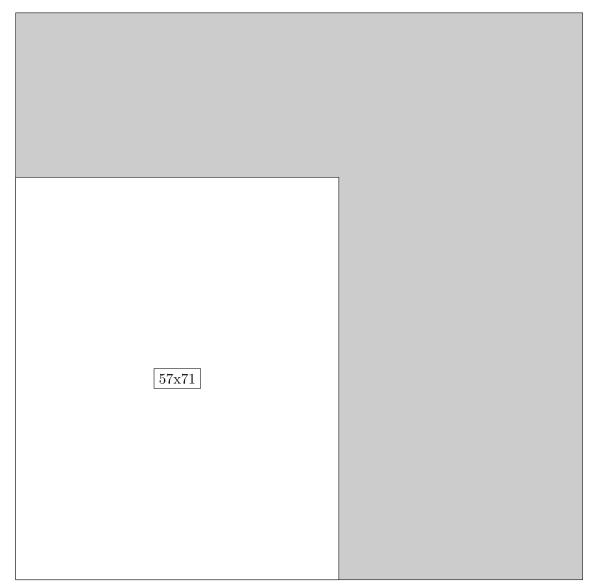
 $\overline{\rm w}$  =70 , h =61 , x =0 , y =0 , v =4270



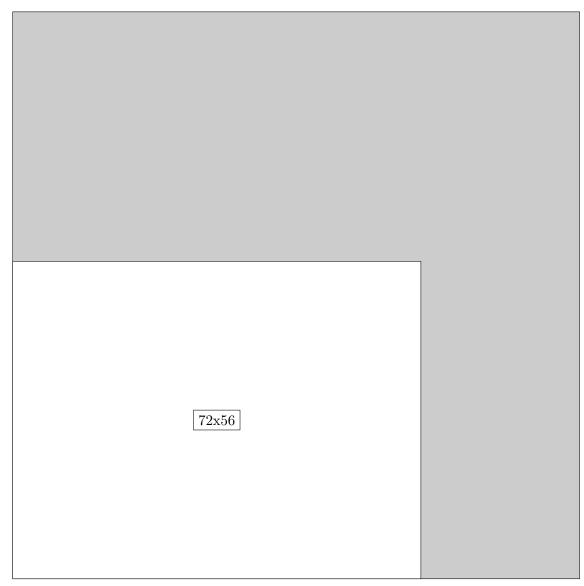
$$\begin{array}{c} w = 56 \; , \; h = 76 \; , \; x = 0 \; , \; y = 0 \; , \; v = \!\! 4256 \\ w = \!\! 37 \; , \; h = \!\! 23 \; , \; x = \!\! 56 \; , \; y = \!\! 0 \; , \; v = \!\! 851 \end{array}$$



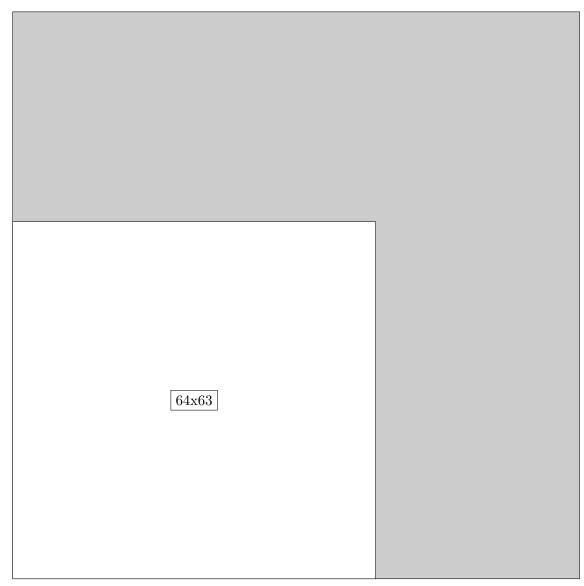
$$\begin{array}{c} w = \!\! 51 \; , \; h = \!\! 82 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 4182 \\ w = \!\! 46 \; , \; h = \!\! 42 \; , \; x = \!\! 51 \; , \; y = \!\! 0 \; , \; v = \!\! 1932 \\ \end{array}$$



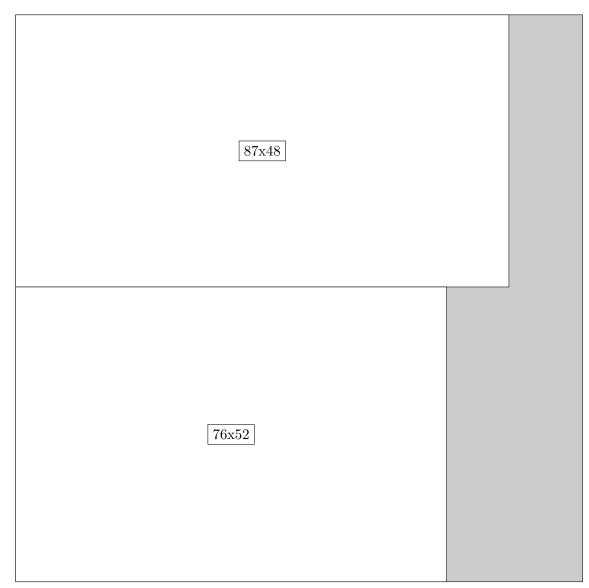
w = 57, h = 71, x = 0, y = 0, v = 4047



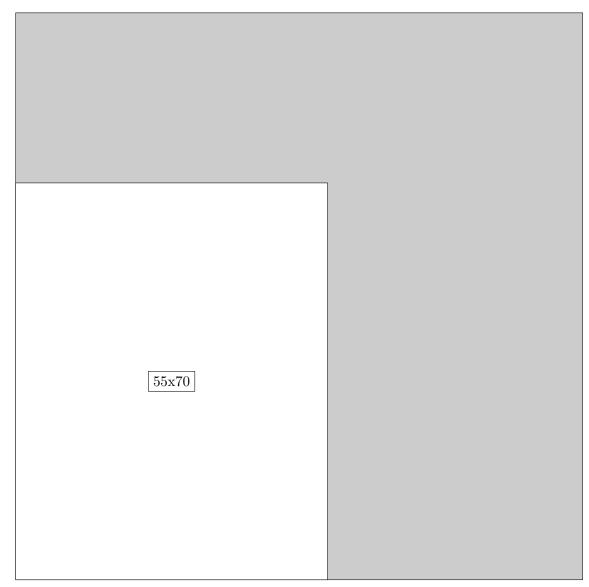
w = 72, h = 56, x = 0, y = 0, v = 4032



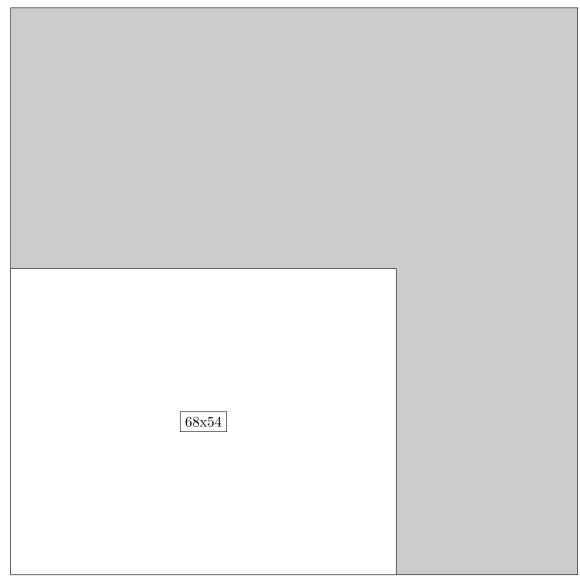
w = 64, h = 63, x = 0, y = 0, v = 4032



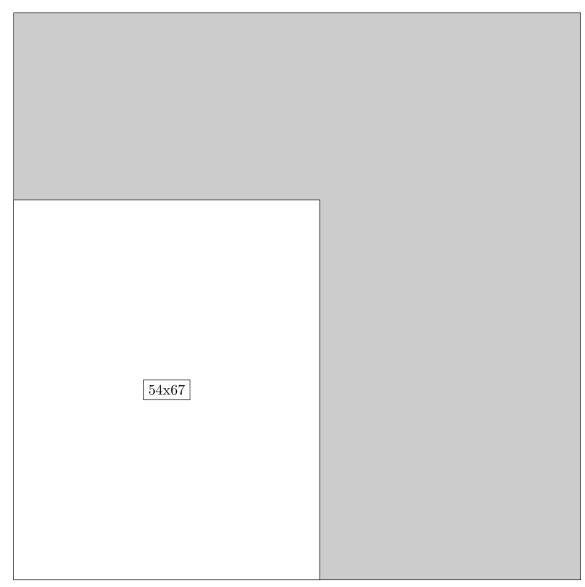
$$\begin{array}{l} w = \!\!87 \ , \ h = \!\!48 \ , \ x = \!\!0 \ , \ y = \!\!52 \ , \ v = \!\!4176 \\ w = \!\!76 \ , \ h = \!\!52 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!3952 \end{array}$$



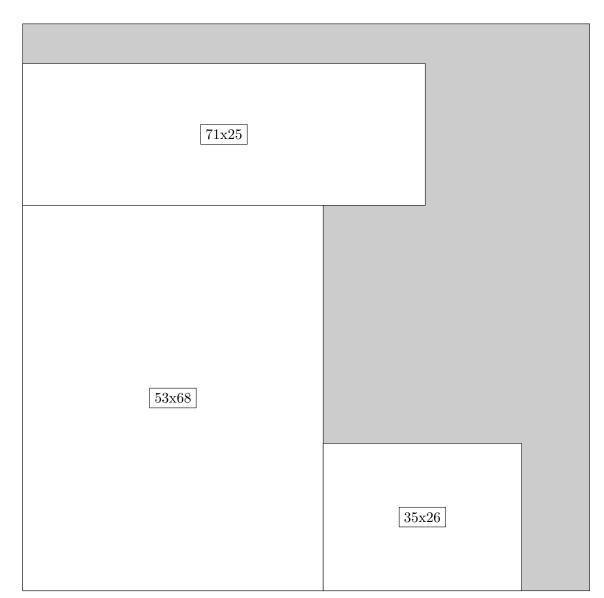
 $\overline{\mathrm{w}}$  =55 , h =70 , x =0 , y =0 , v =3850



w = 68, h = 54, x = 0, y = 0, v = 3672



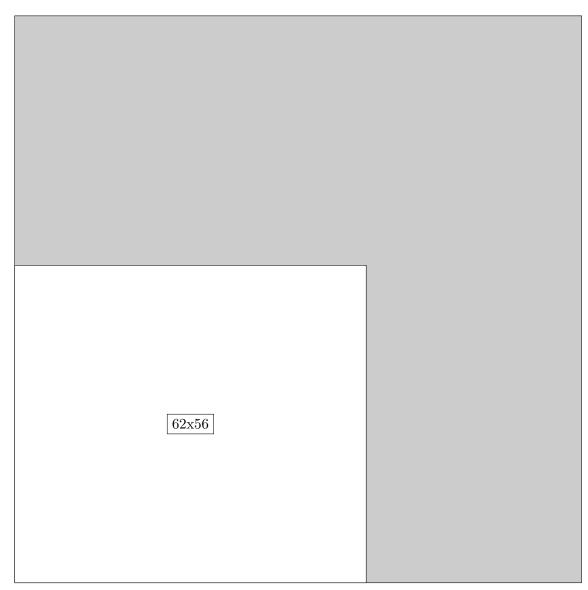
 $\overline{w} = 54$ , h = 67, x = 0, y = 0, v = 3618



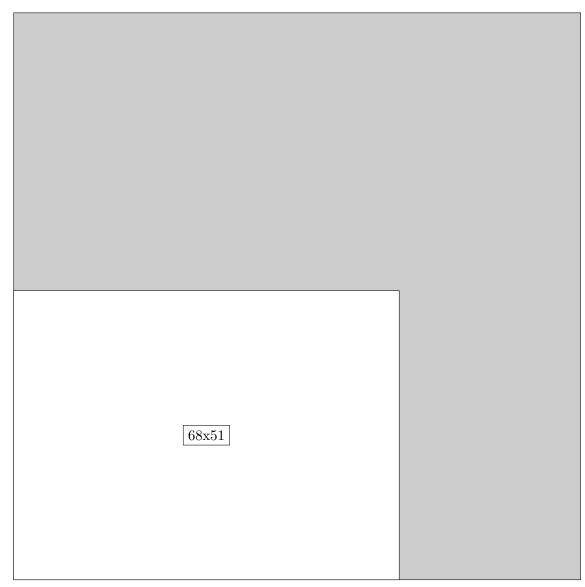
$$w = 53$$
,  $h = 68$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3604$ 

$$w$$
 =71 , h =25 , x =0 , y =68 , v =1775

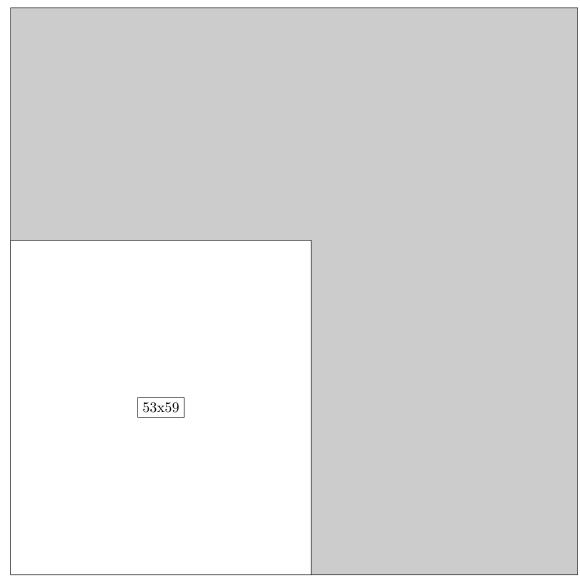
$$\le =35$$
 , h =26 , x =53 , y =0 , v =910



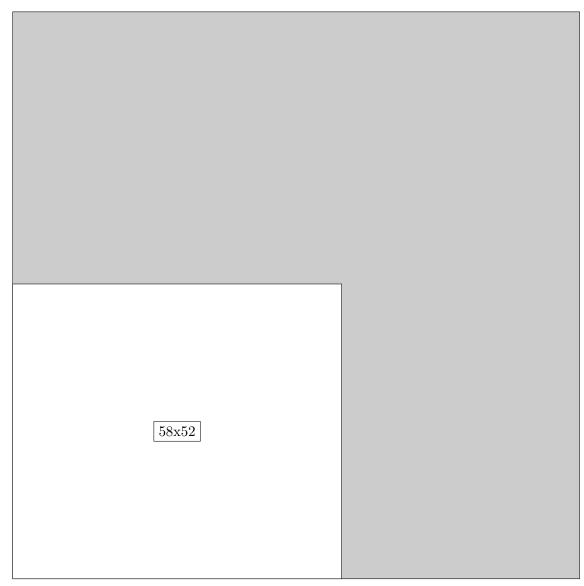
w = 62, h = 56, x = 0, y = 0, v = 3472



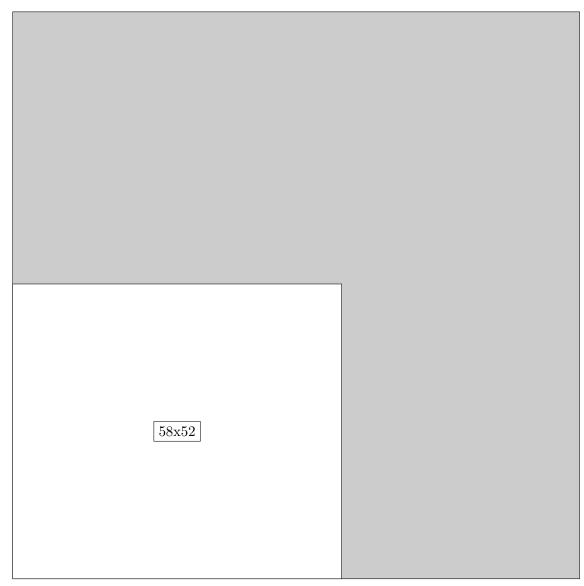
 $\le =68$  , h =51 , x =0 , y =0 , v =3468



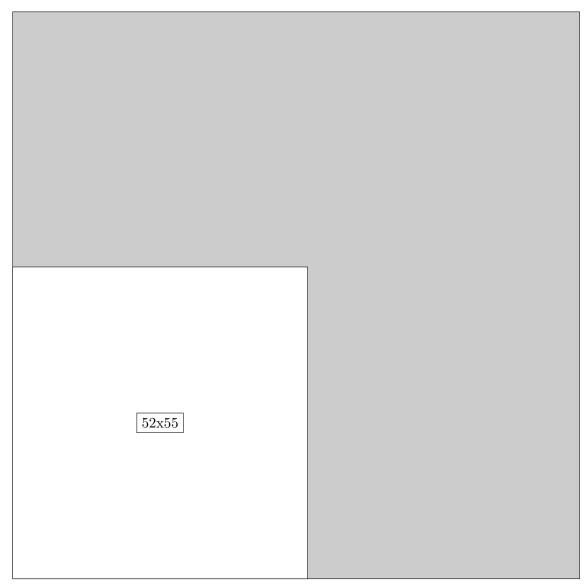
w = 53, h = 59, x = 0, y = 0, v = 3127



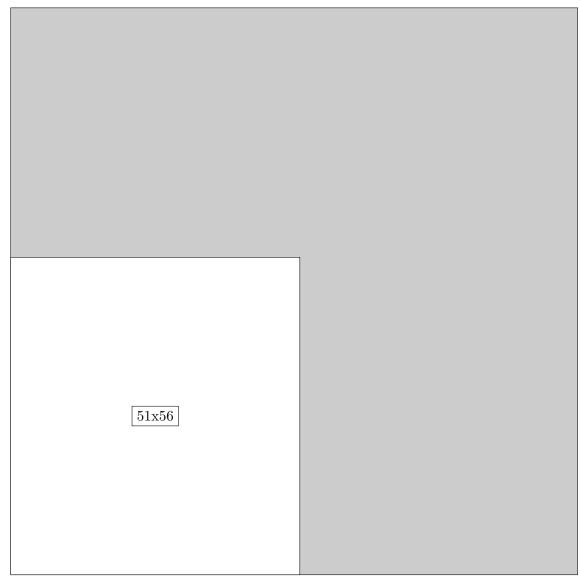
w = 58, h = 52, x = 0, y = 0, v = 3016



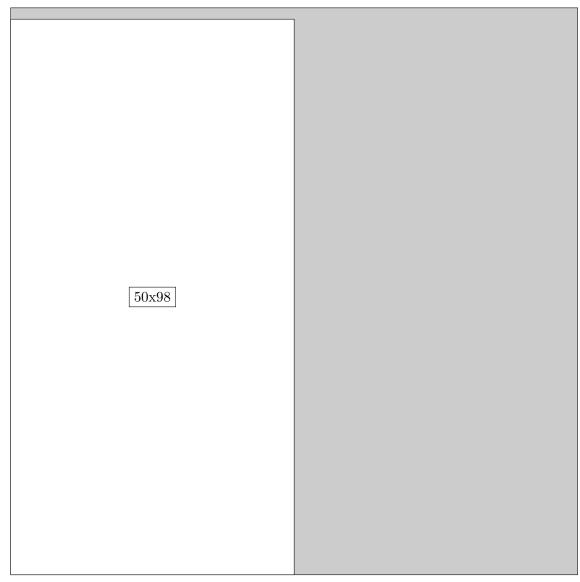
w = 58, h = 52, x = 0, y = 0, v = 3016



 $\le -52$  , h = 55 , x =0 , y = 0 , v = 2860



 $\overline{\mathrm{w}}$  =51 , h =56 , x =0 , y =0 , v =2856



w = 50, h = 98, x = 0, y = 0, v = 4900



$$\begin{array}{c} w = 93 \ , \ h = 42 \ , \ x = 0 \ , \ y = 0 \ , \ v = 3906 \\ w = 72 \ , \ h = 50 \ , \ x = 0 \ , \ y = 42 \ , \ v = 3600 \\ \end{array}$$