$ClassName: \ Class\_09.2bp-24$ 

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

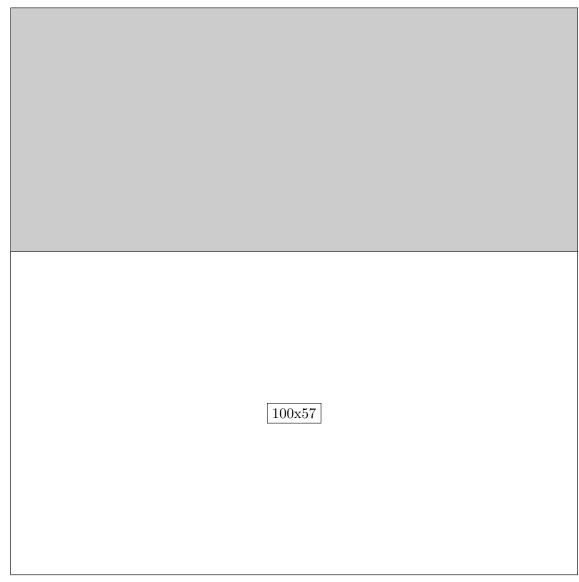
TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>410000</u> InS: <u>246788</u> Rate: <u>0.602</u> UB: <u>41</u>

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

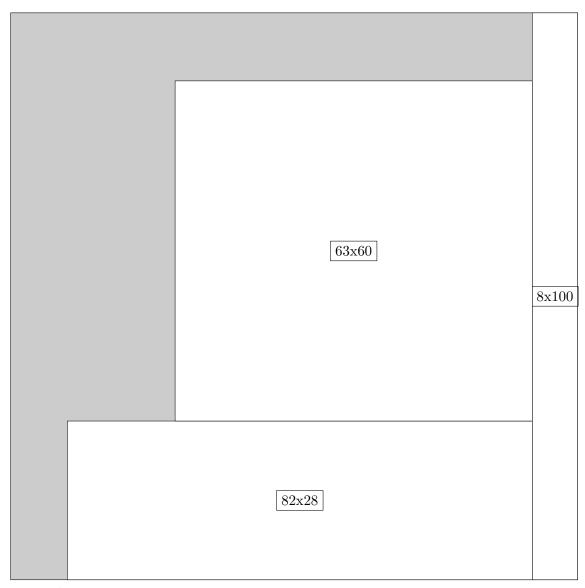
LBWithCut:  $\underline{41}$ NodeCount:  $\underline{0}$ PrimalNode:  $\underline{0}$ ColumnCount:  $\underline{41}$ TotalCutCount:  $\underline{0}$ RootCutCount:  $\underline{0}$ LPSolverCnt:  $\underline{1}$ PricingSolverCnt:  $\underline{0}$ BranchAndBoundNum:  $\underline{1}$ 

isOpt: **true** 

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 0.204 s



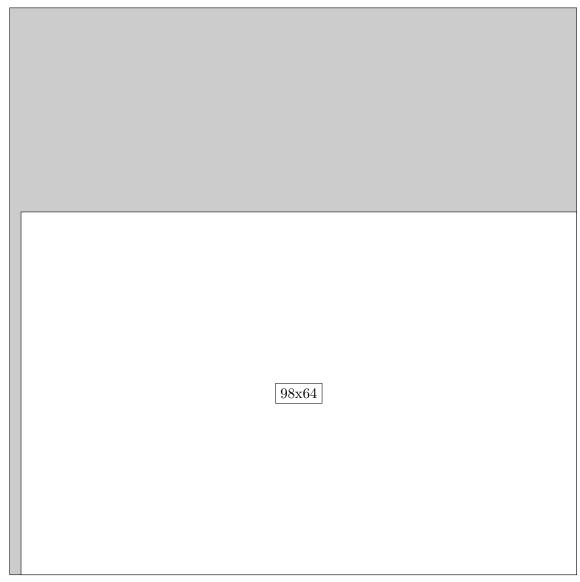
 $\le =100$  , h =57 , x =0 , y =0 , v =5700



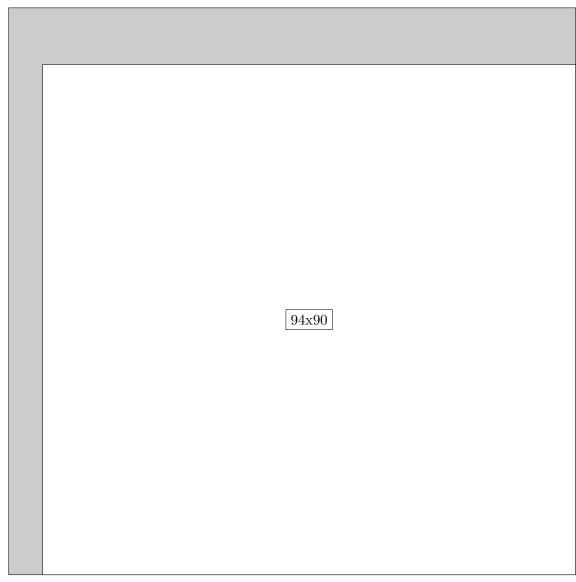
$$\le =8$$
 ,  $h$  =100 ,  $x$  =92 ,  $y$  =0 ,  $v$  =800

$$\le =82$$
 , h =28 , x =10 , y =0 , v =2296

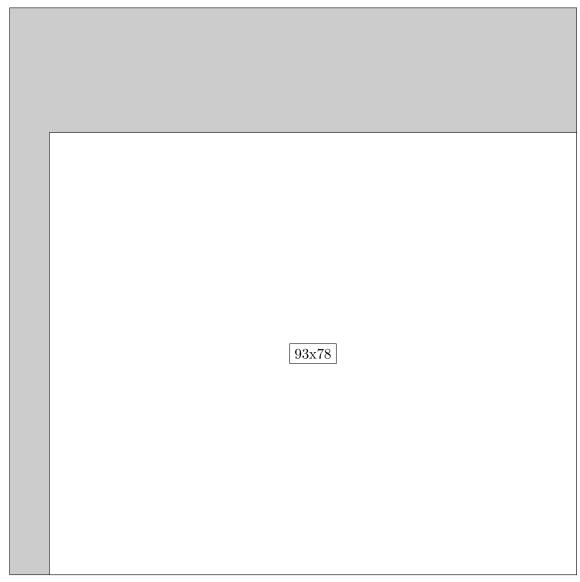
$$\le =63$$
 , h =60 , x =29 , y =28 , v =3780



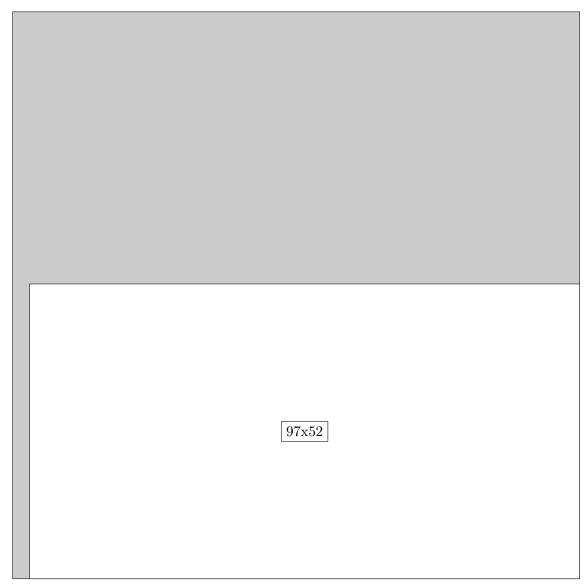
 $\le =98$  , h =64 , x =2 , y =0 , v =6272



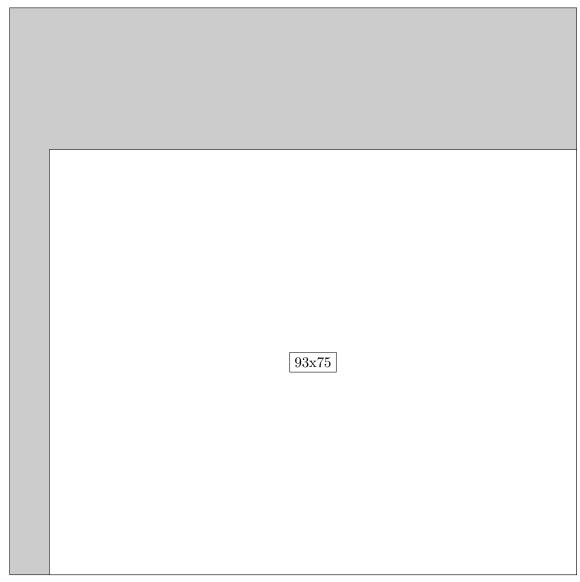
 $\le =94$  , h =90 , x =6 , y =0 , v =8460



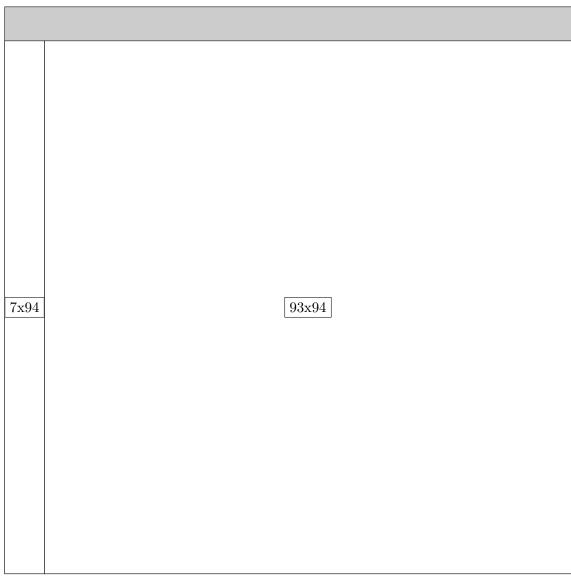
 $\le =93$  , h =78 , x =7 , y =0 , v =7254



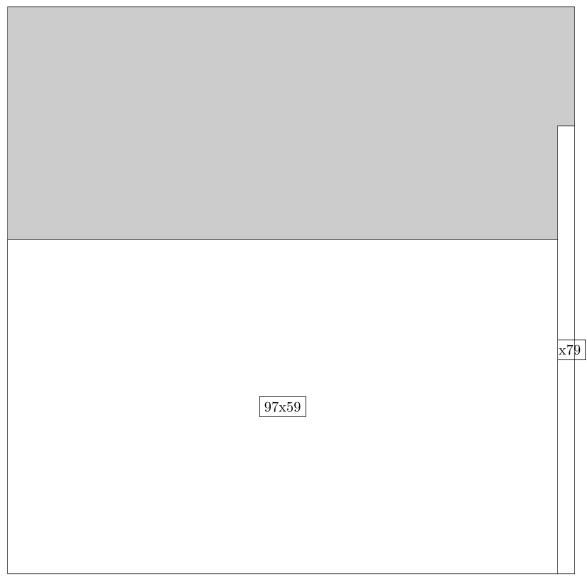
 $\le =97$  , h =52 , x =3 , y =0 , v =5044



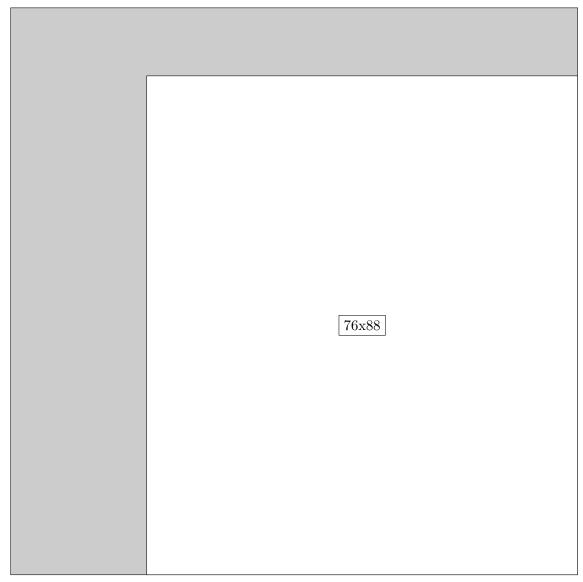
 $\le -93$  , h =75 , x =7 , y =0 , v =6975



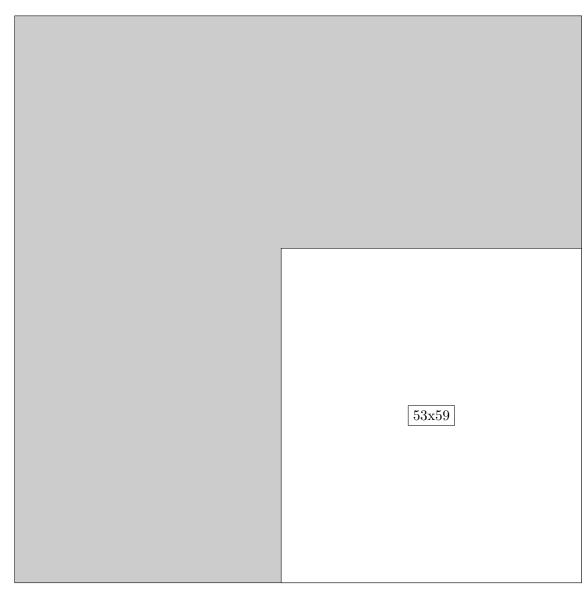
w =93, h =94, x =7, y =0, v =8742 w =7, h =94, x =0, y =0, v =658



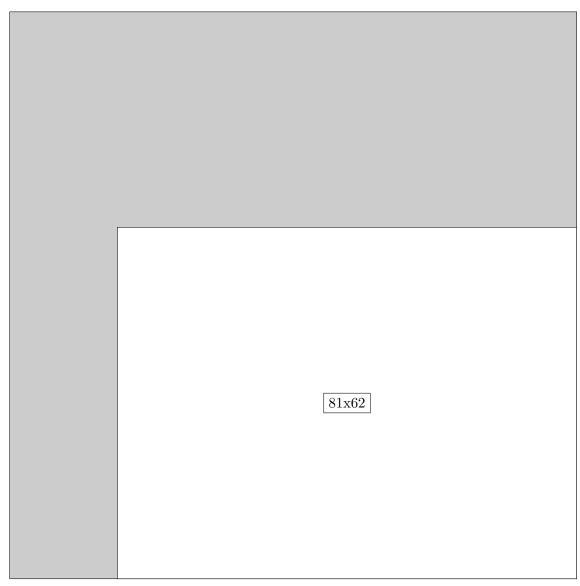
 $\overline{w} = 3$ , h = 79, x = 97, y = 0, v = 237w = 97, h = 59, x = 0, y = 0, v = 5723



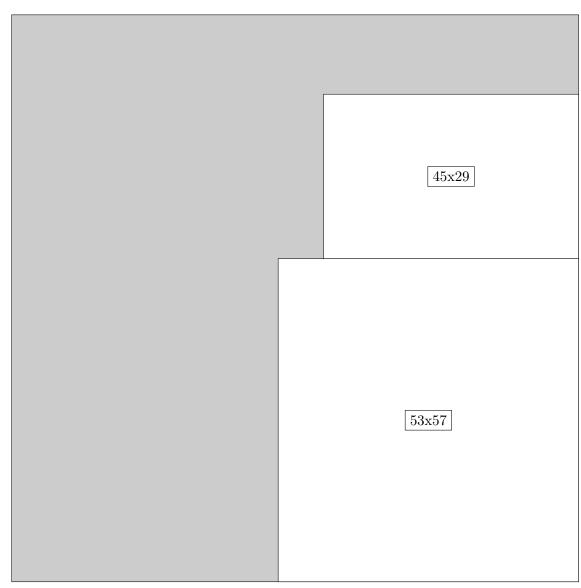
 $\le =76$  , h =88 , x =24 , y =0 , v =6688



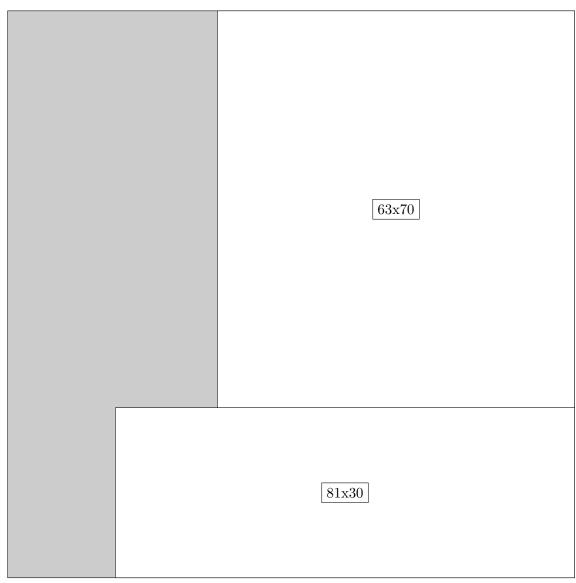
 $\le =53$  , h =59 , x =47 , y =0 , v =3127



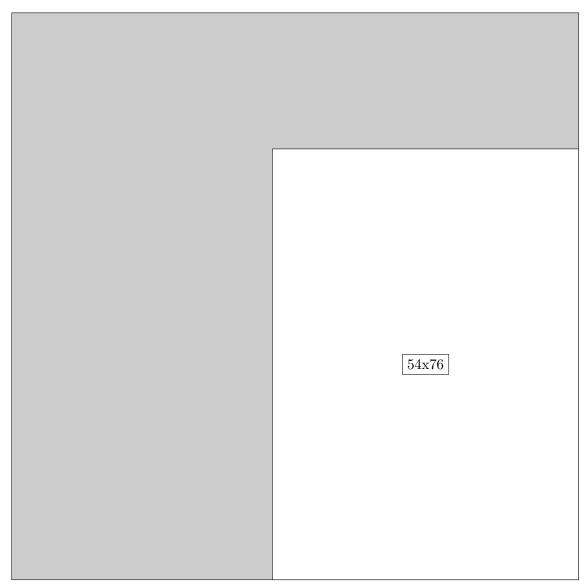
 $\le =81$  , h =62 , x =19 , y =0 , v = 5022



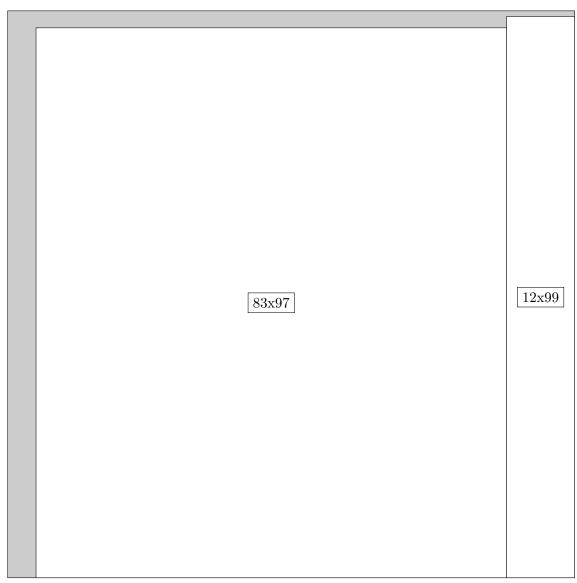
$$\begin{array}{l} w = \!53 \ , \ h = \!57 \ , \ x = \!47 \ , \ y = \!0 \ , \ v = \!3021 \\ w = \!45 \ , \ h = \!29 \ , \ x = \!55 \ , \ y = \!57 \ , \ v = \!1305 \end{array}$$

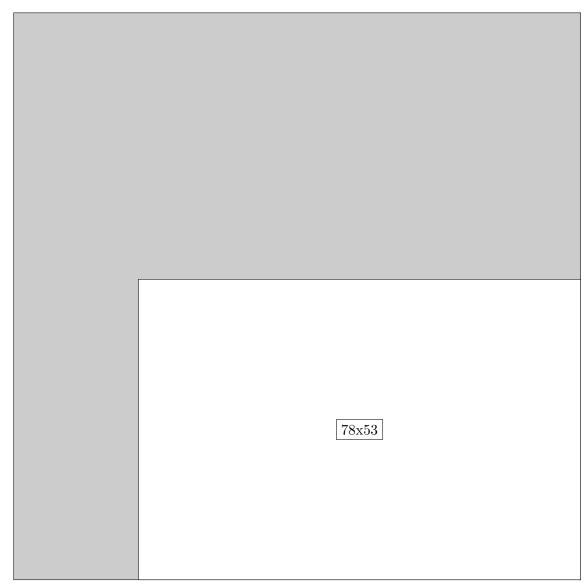


$$\begin{array}{l} w = \! 81 \ , \, h = \! 30 \ , \, x = \! 19 \ , \, y = \! 0 \ , \, v = \! 2430 \\ w = \! 63 \ , \, h = \! 70 \ , \, x = \! 37 \ , \, y = \! 30 \ , \, v = \! 4410 \end{array}$$

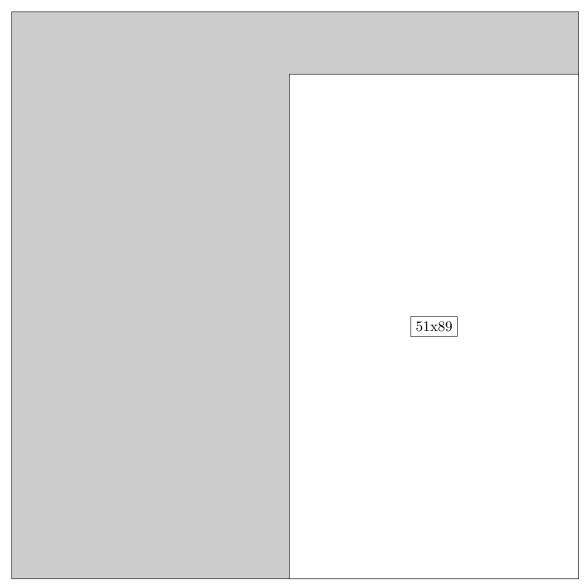


 $\le 54$  , h =76 , x =46 , y =0 , v =4104

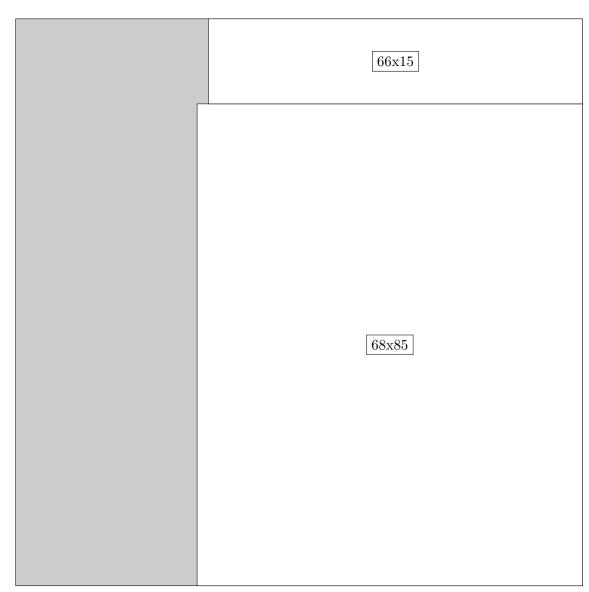




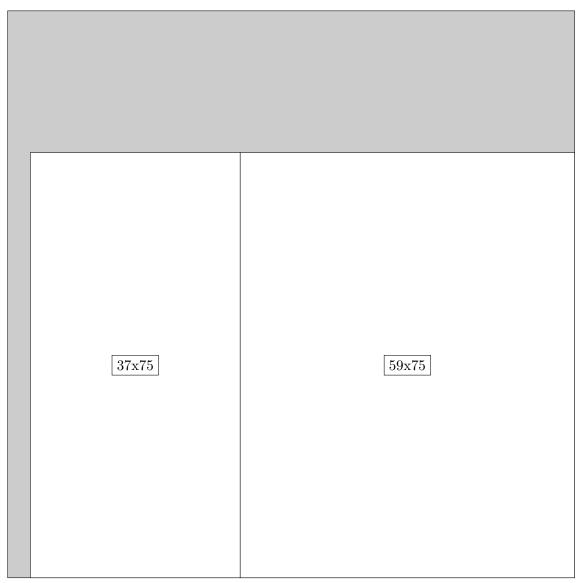
 $\le =78$  , h =53 , x =22 , y =0 , v =4134



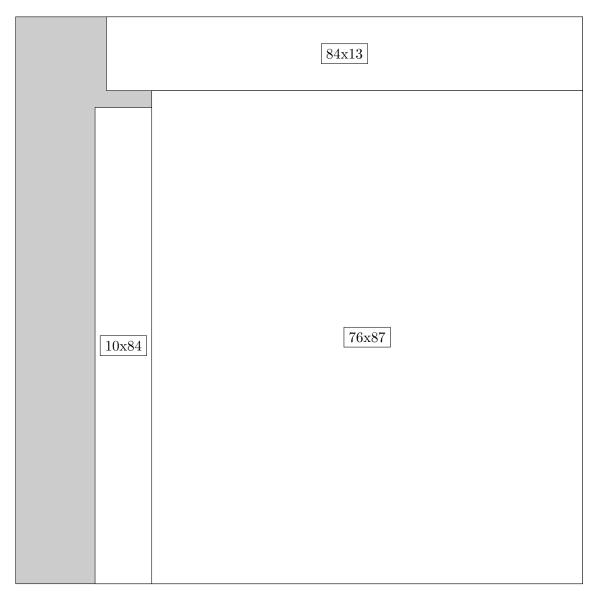
 $\le =51$  , h =89 , x =49 , y =0 , v =4539



$$\begin{array}{l} w = \!68 \; , \; h = \!85 \; , \; x = \!32 \; , \; y = \!0 \; , \; v = \!5780 \\ w = \!66 \; , \; h = \!15 \; , \; x = \!34 \; , \; y = \!85 \; , \; v = \!990 \end{array}$$



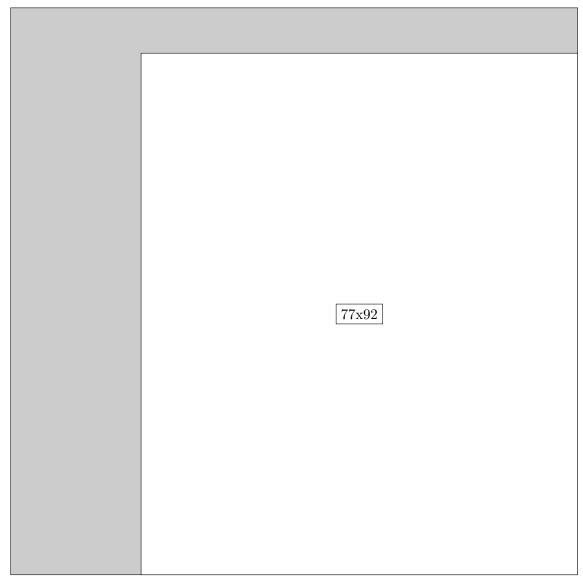
 $\begin{array}{l} w = \!59 \ , \ h = \!75 \ , \ x = \!41 \ , \ y = \!0 \ , \ v = \!4425 \\ w = \!37 \ , \ h = \!75 \ , \ x = \!4 \ , \ y = \!0 \ , \ v = \!2775 \end{array}$ 



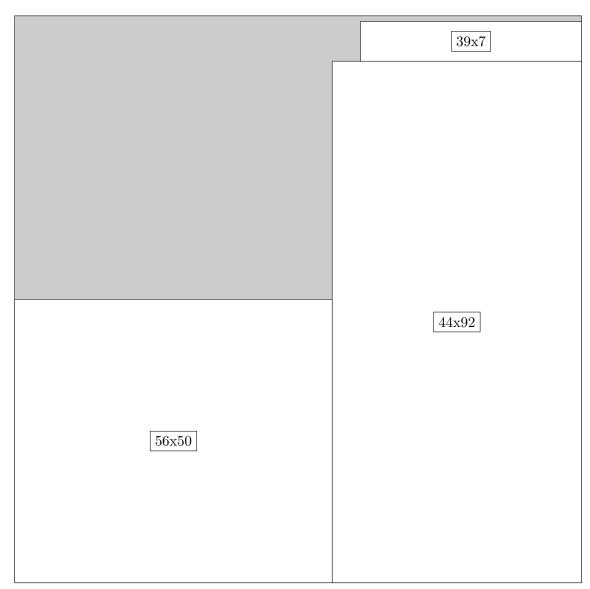
 $\mathbf{w}$  =76 ,  $\mathbf{h}$  =87 ,  $\mathbf{x}$  =24 ,  $\mathbf{y}$  =0 ,  $\mathbf{v}$  =6612

 $\le =10$  , h =84 , x =14 , y =0 , v =840

 $\le =84$  , h =13 , x =16 , y =87 , v =1092



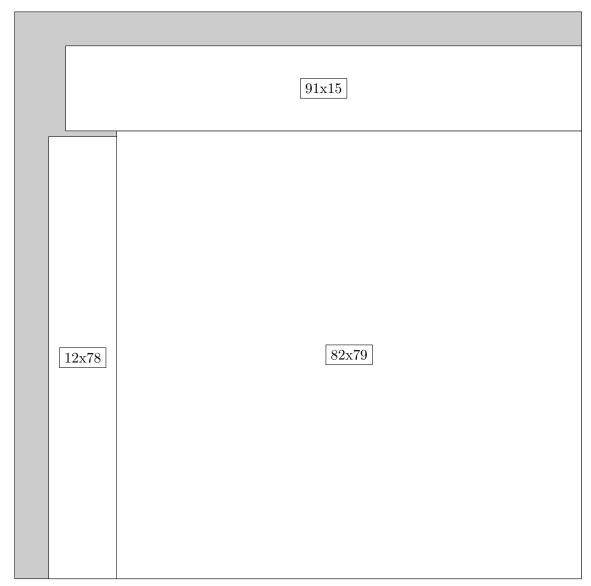
 $\le =77$  , h =92 , x =23 , y =0 , v =7084



w = 44, h = 92, x = 56, y = 0, v = 4048

 $\le =39$  , h =7 , x =61 , y =92 , v =273

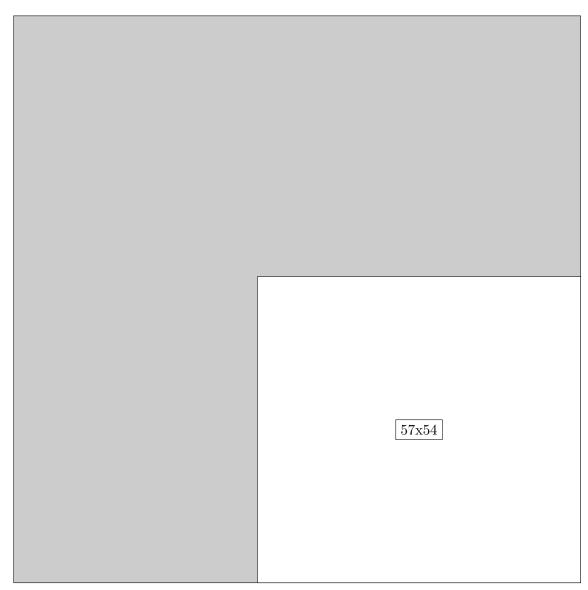
 $\le =56$  , h =50 , x =0 , y =0 , v =2800



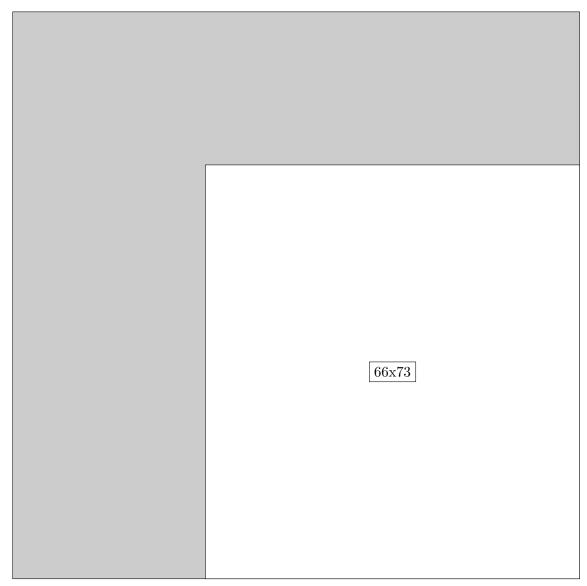
$$w$$
 =82 , h =79 , x =18 , y =0 , v =6478

$$\le =12$$
 ,  $h$  =78 ,  $x$  =6 ,  $y$  =0 ,  $v$  =936

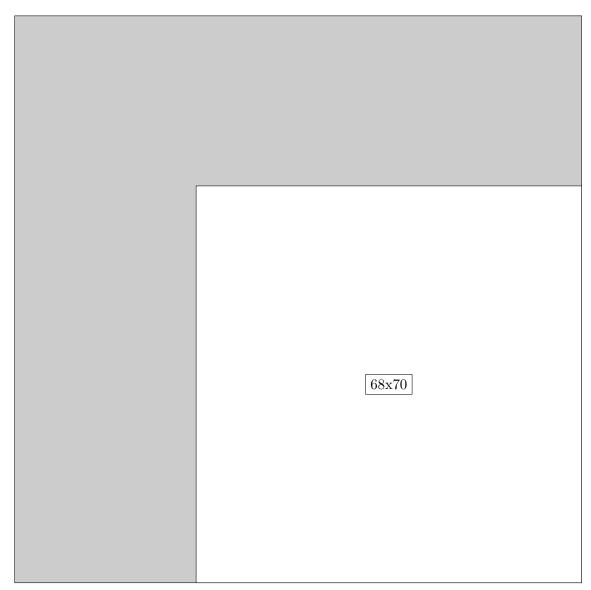
$$\le =91$$
 , h =15 , x =9 , y =79 , v =1365



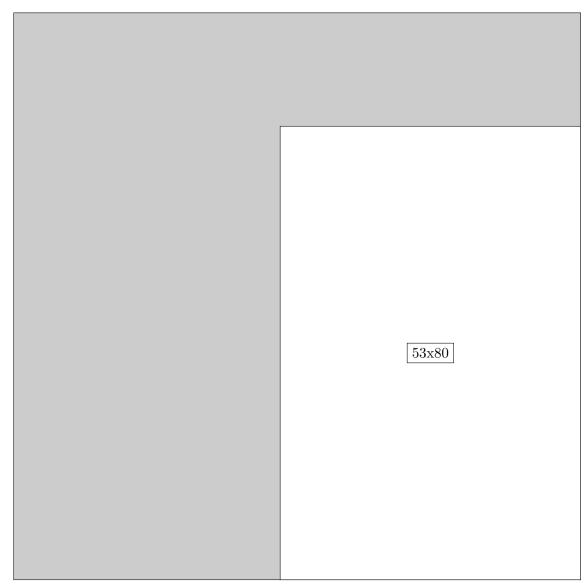
 $\le 57$  , h = 54 , x = 43 , y = 0 , v = 3078



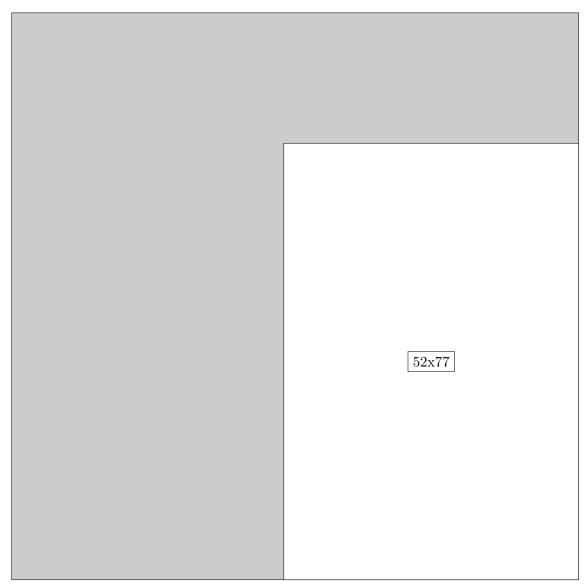
 $\le =66$  , h =73 , x =34 , y =0 , v =4818



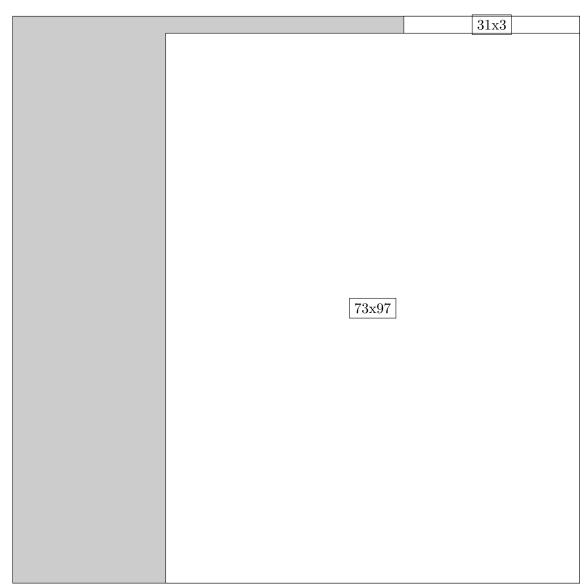
 $\le =68$  , h =70 , x =32 , y =0 , v =4760



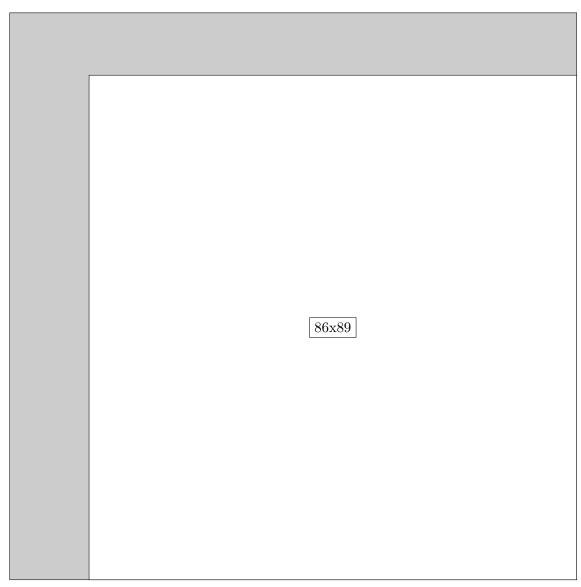
 $\le =53$  , h =80 , x =47 , y =0 , v =4240



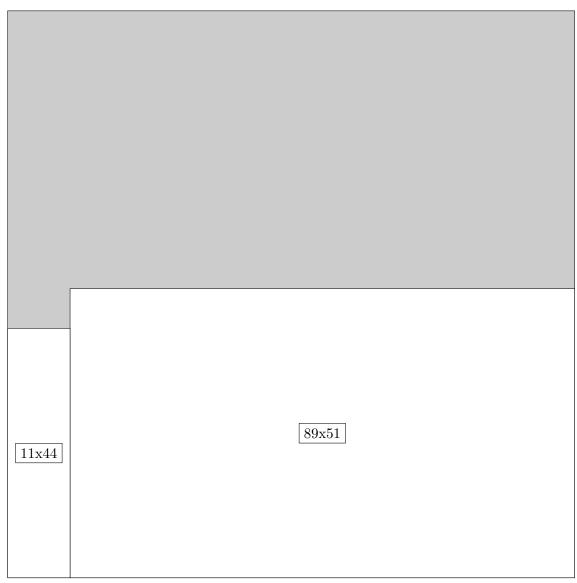
 $\le -52$  , h = 77 , x = 48 , y = 0 , v = 4004



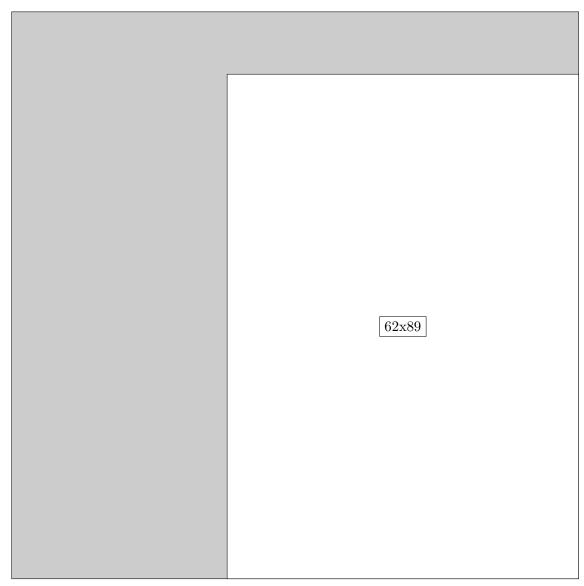
 $\begin{array}{l} w = \!\!\! 73 \ , \ h = \!\!\! 97 \ , \ x = \!\!\! 27 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 7081 \\ w = \!\!\! 31 \ , \ h = \!\!\! 3 \ , \ x = \!\!\! 69 \ , \ y = \!\!\! 97 \ , \ v = \!\!\! 93 \end{array}$ 



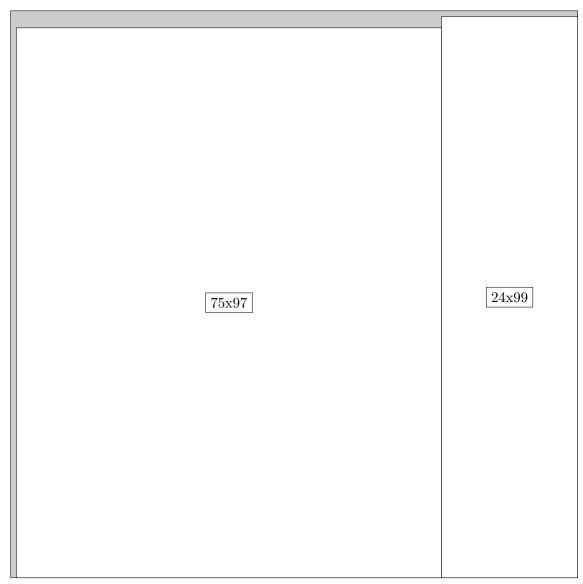
 $\le =86$  , h =89 , x =14 , y =0 , v =7654



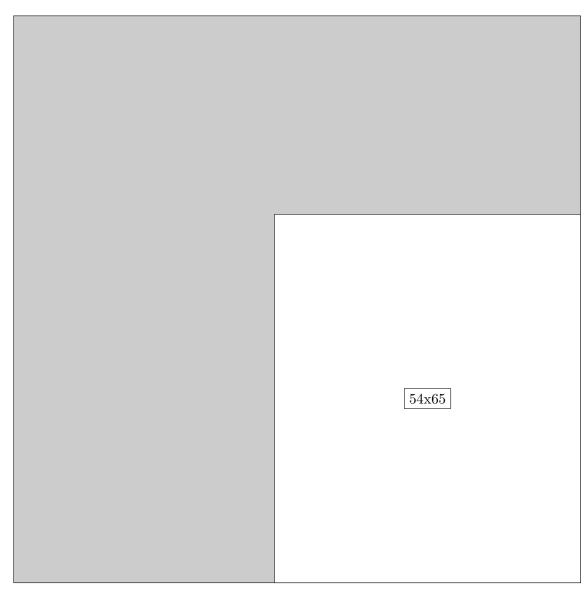
 $\begin{array}{l} w = \! 89 \ , \ h = \! 51 \ , \ x = \! 11 \ , \ y = \! 0 \ , \ v = \! 4539 \\ w = \! 11 \ , \ h = \! 44 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 484 \end{array}$ 



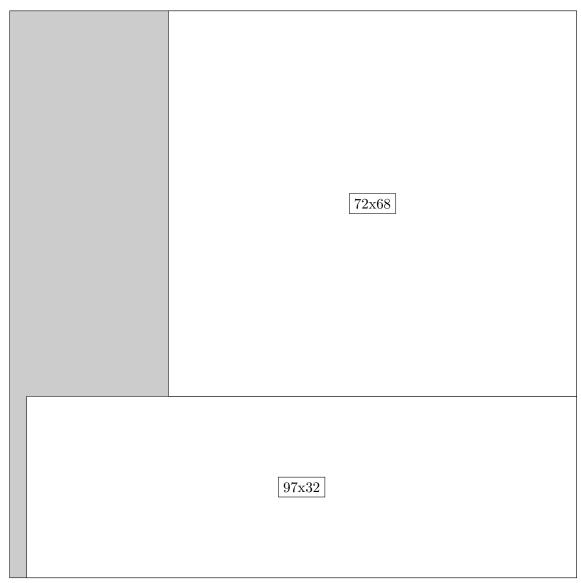
 $\le =62$  , h =89 , x =38 , y =0 , v =5518



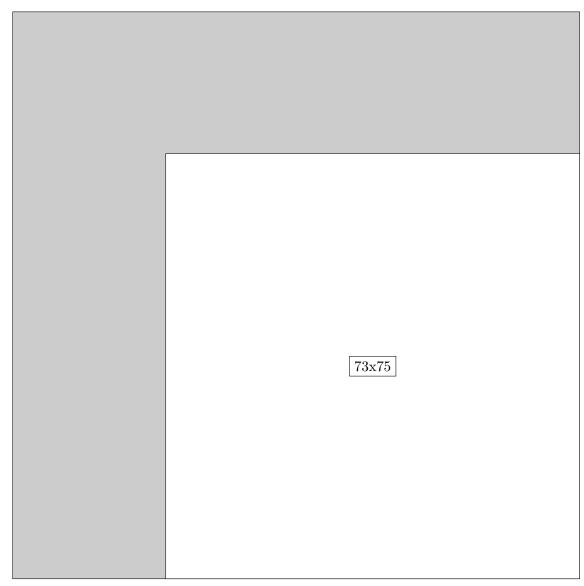
$$\begin{array}{l} w = \! 24 \ , \ h = \! 99 \ , \ x = \! 76 \ , \ y = \! 0 \ , \ v = \! 2376 \\ w = \! 75 \ , \ h = \! 97 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 7275 \end{array}$$



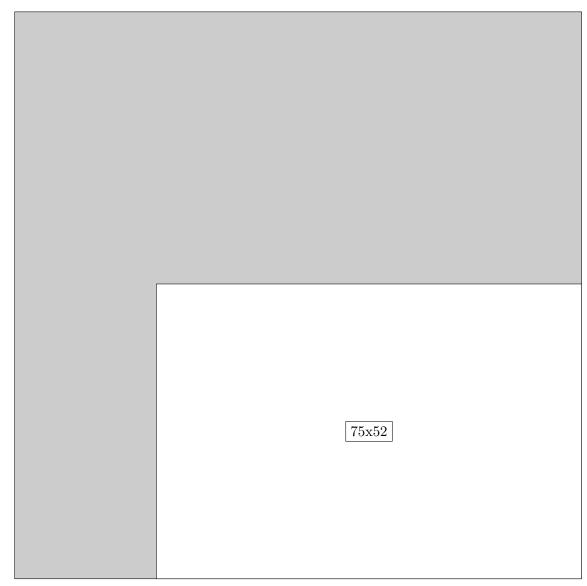
 $\le =54$  , h=65 , x=46 , y=0 , v=3510



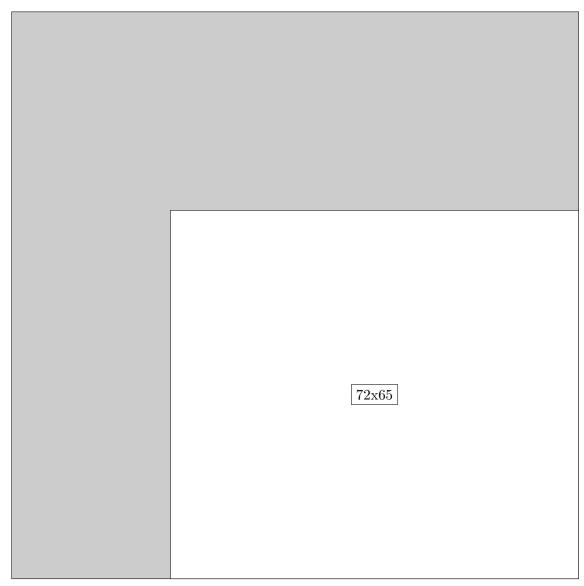
$$\begin{array}{l} w = \! 97 \; , \; h = \! 32 \; , \; x = \! 3 \; , \; y = \! 0 \; , \; v = \! 3104 \\ w = \! 72 \; , \; h = \! 68 \; , \; x = \! 28 \; , \; y = \! 32 \; , \; v = \! 4896 \end{array}$$



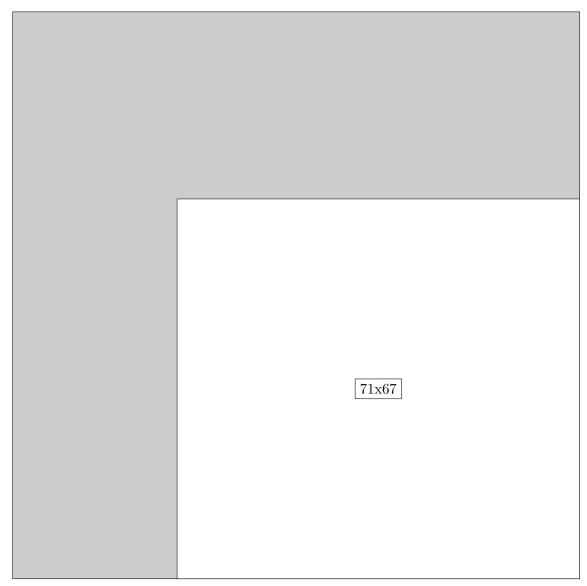
 $\le =73$  , h =75 , x =27 , y =0 , v =5475



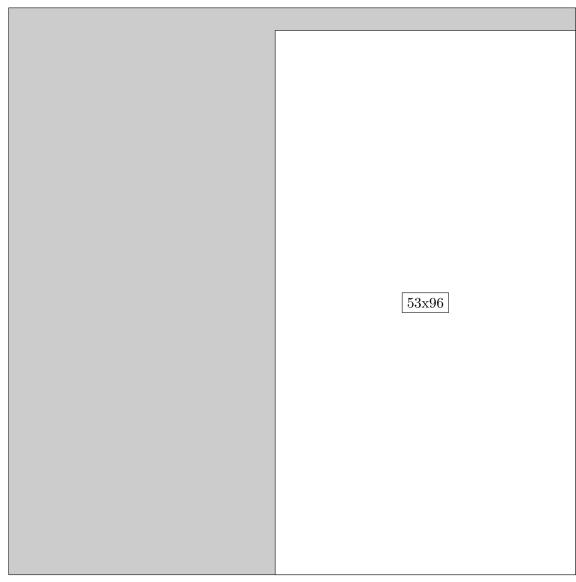
 $\le =75$  , h =52 , x =25 , y =0 , v =3900



 $\le =72$  , h =65 , x =28 , y =0 , v =4680



 $\le =71$  , h=67 , x=29 , y=0 , v=4757



 $\le =53$  , h =96 , x =47 , y =0 , v =5088