$ClassName: \ Class\_09.2bp-34$ 

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>620000</u> InS: <u>386531</u> Rate: <u>0.623</u> UB: <u>62</u> LB0: <u>62</u>

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

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

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{62}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

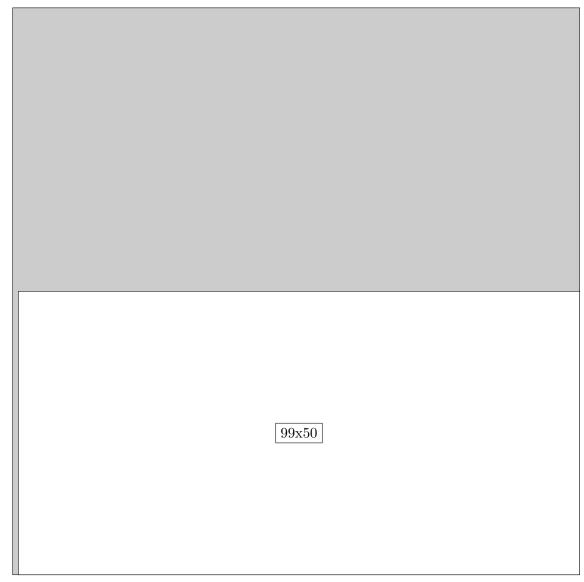
isOpt:  $\underline{\mathbf{true}}$ 

TimeOnInitSolution:  $\underline{600.000 \text{ s}}$ 

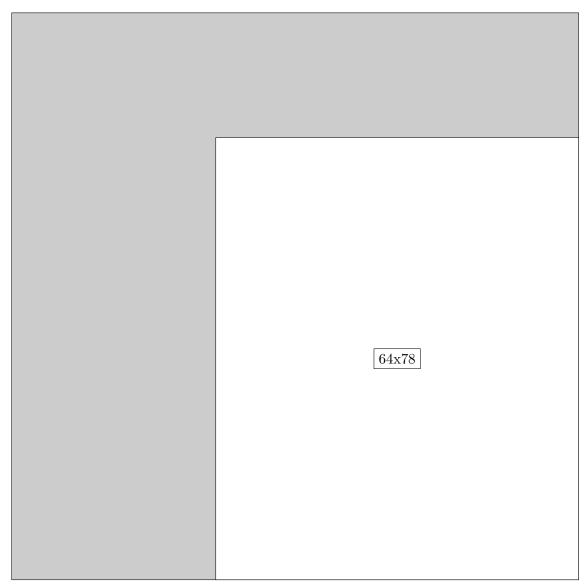
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 600.328 s



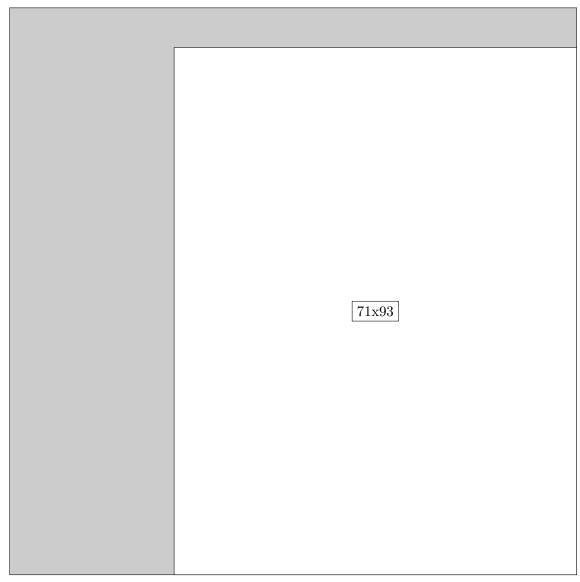
 $\le =100$  , h =89 , x =0 , y =0 , v =8900



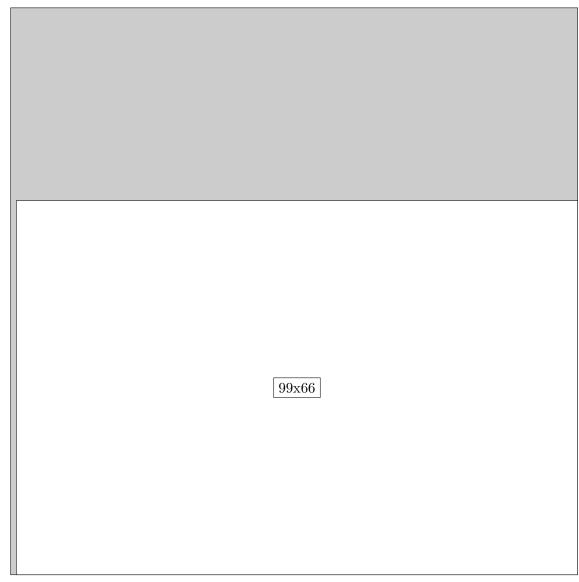
 $\le =99$  , h =50 , x =1 , y =0 , v =4950



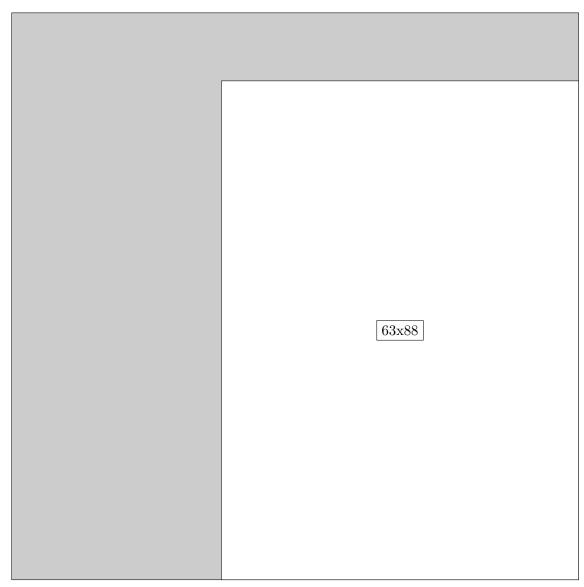
 $\le =64$  , h =78 , x =36 , y =0 , v =4992



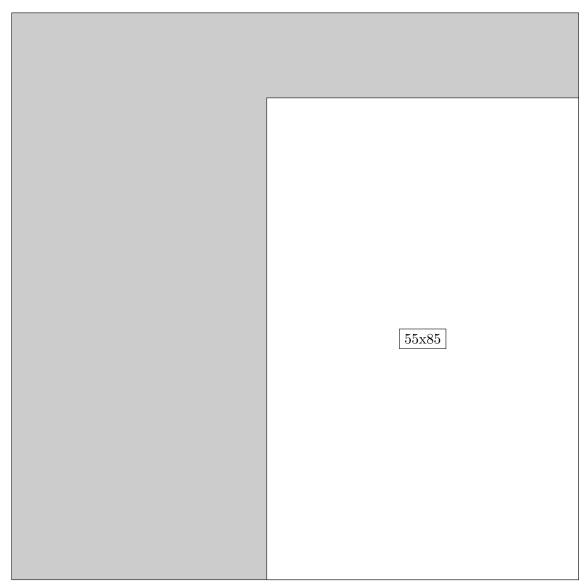
 $\le =71$  , h =93 , x =29 , y =0 , v =6603



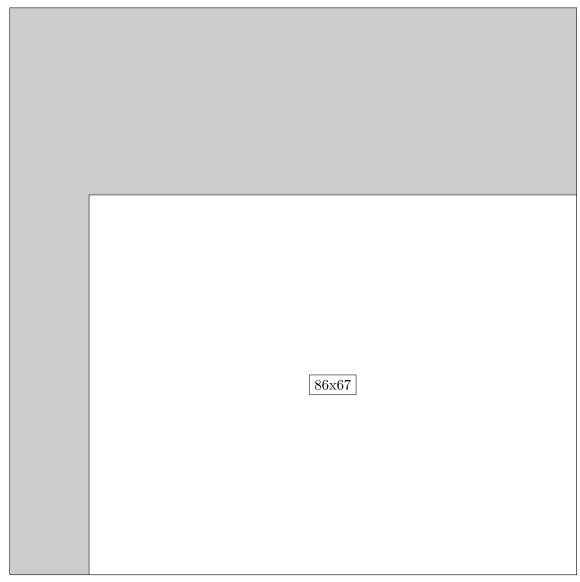
 $\le =99$  , h =66 , x =1 , y =0 , v =6534



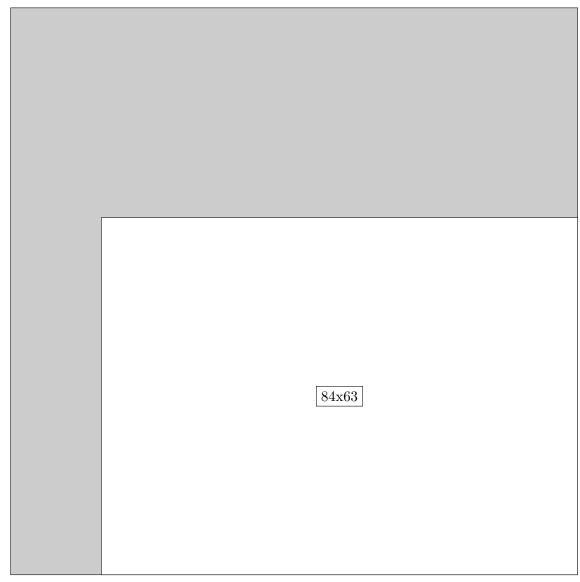
 $\le =63$  , h =88 , x =37 , y =0 , v =5544



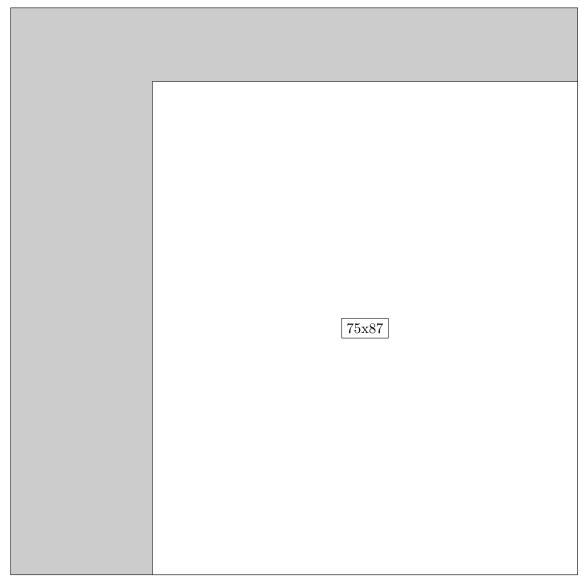
 $\le =55$  , h = 85 , x = 45 , y = 0 , v = 4675



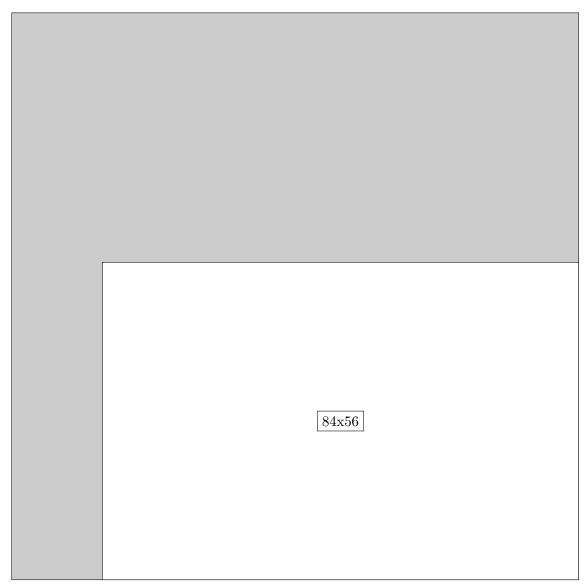
 $\le =86$  , h =67 , x =14 , y =0 , v =5762



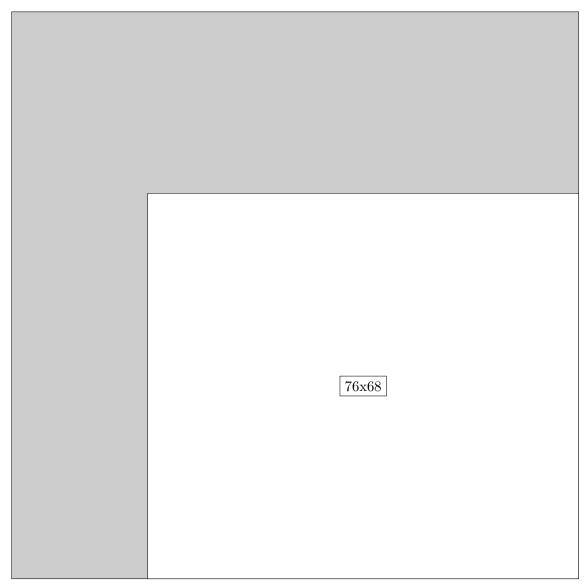
 $\le =84$  , h =63 , x =16 , y =0 , v =5292



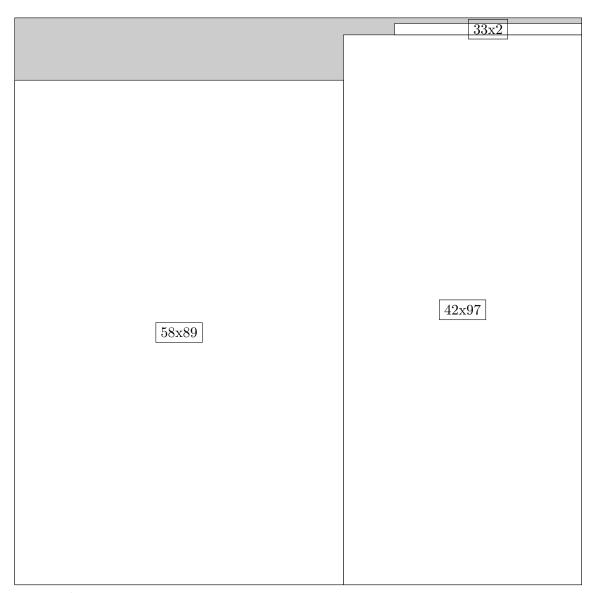
 $\le =75$  , h =87 , x =25 , y =0 , v =6525



 $\le =84$  ,  $h=\!56$  ,  $x=\!16$  ,  $y=\!0$  ,  $v=\!4704$ 



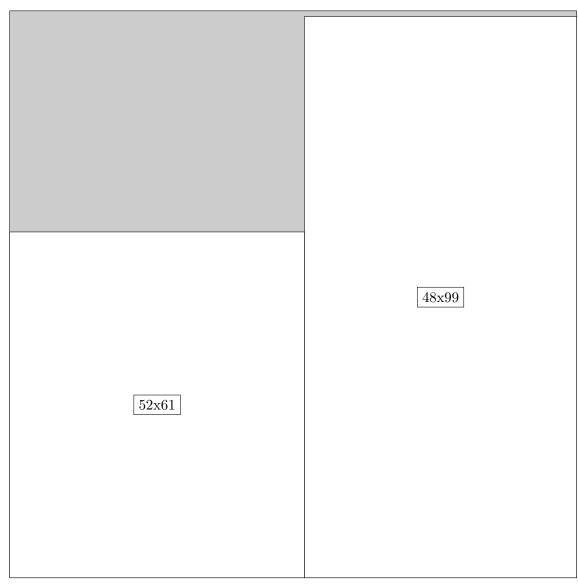
 $\le =76$  , h =68 , x =24 , y =0 , v =5168



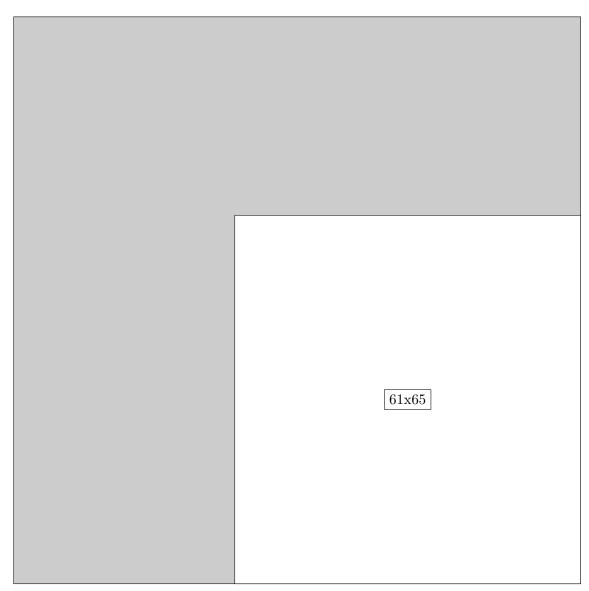
 $\le =42$  , h =97 , x =58 , y =0 , v =4074

 $\le =33$  , h =2 , x =67 , y =97 , v =66

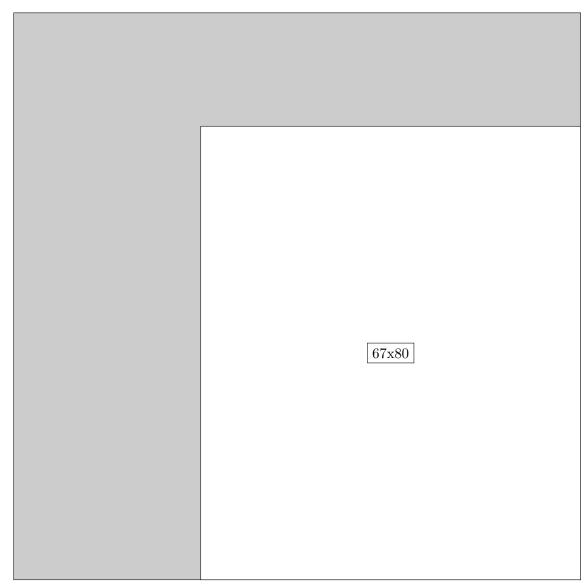
 $\le -58$  , h =89 , x =0 , y =0 , v = 5162



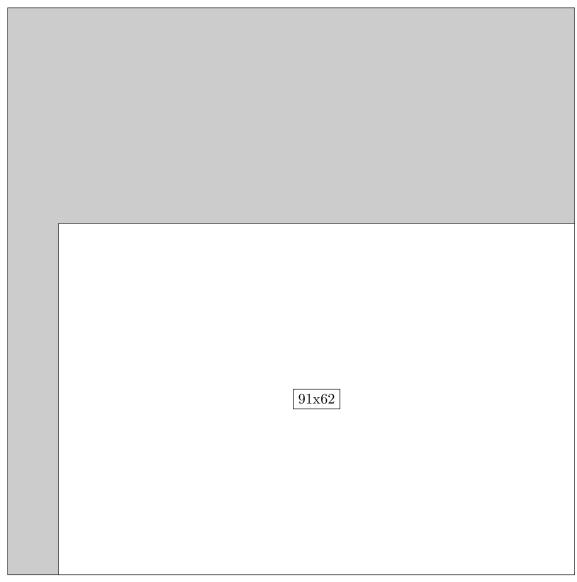
$$\begin{array}{l} w = \! 48 \ , \ h = \! 99 \ , \ x = \! 52 \ , \ y = \! 0 \ , \ v = \! 4752 \\ w = \! 52 \ , \ h = \! 61 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3172 \end{array}$$



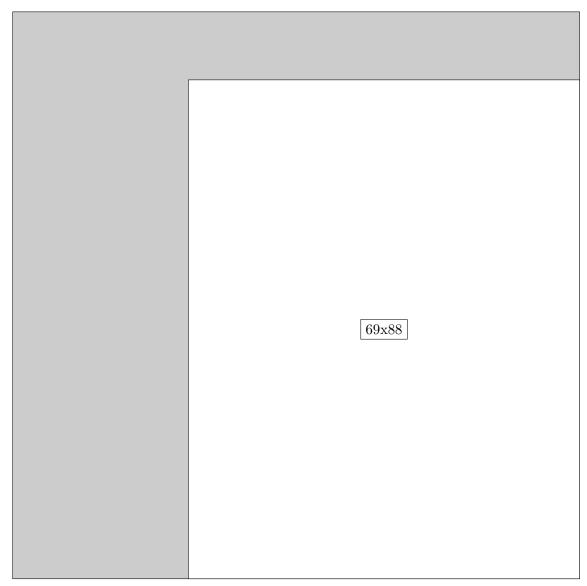
 $\le =61$  , h=65 , x=39 , y=0 , v=3965



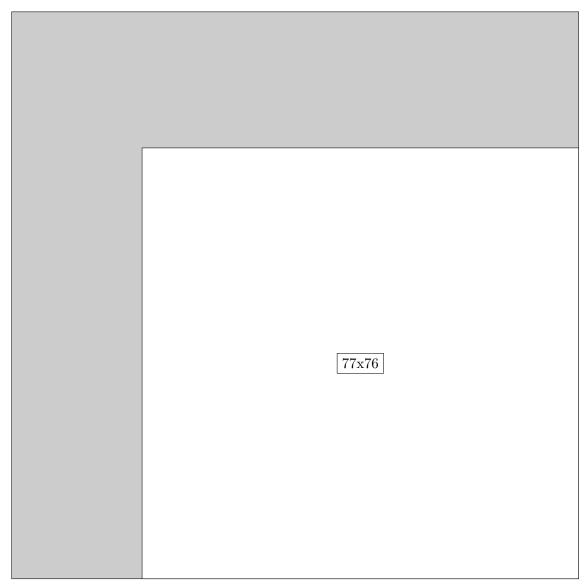
 $\le =67$  , h =80 , x =33 , y =0 , v =5360



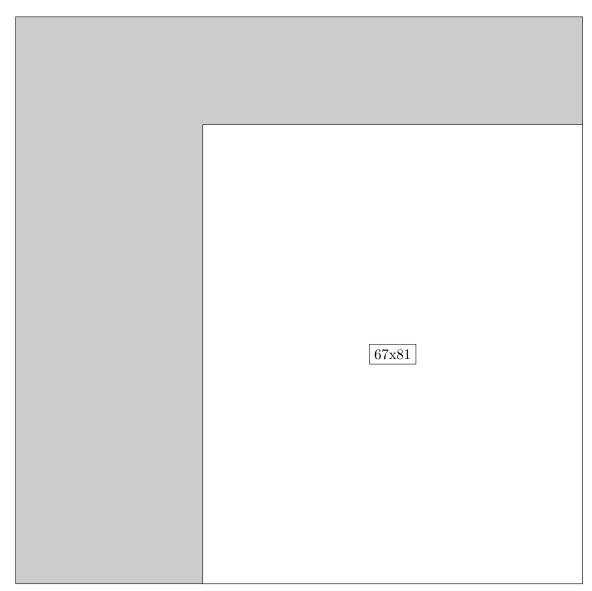
 $\le =91$  , h =62 , x =9 , y =0 , v = 5642



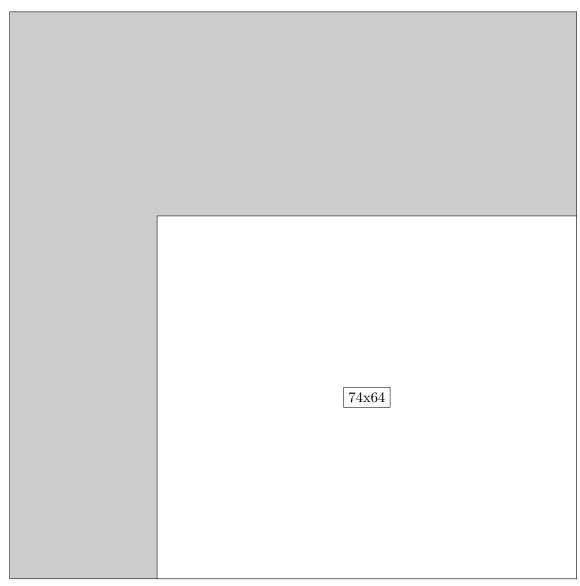
 $\le =69$  , h =88 , x =31 , y =0 , v =6072



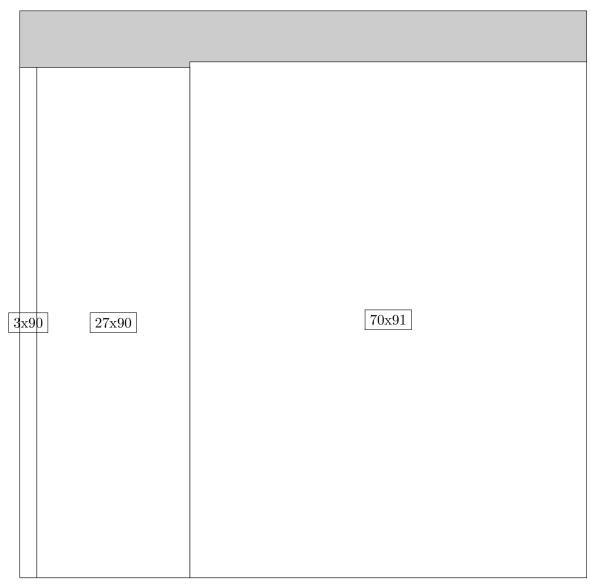
 $\le =77$  , h =76 , x =23 , y =0 , v =5852



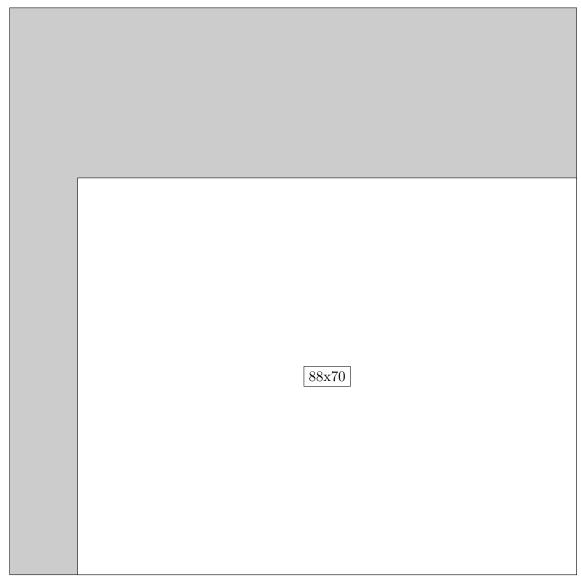
 $\le =67$  , h =81 , x =33 , y =0 , v = 5427



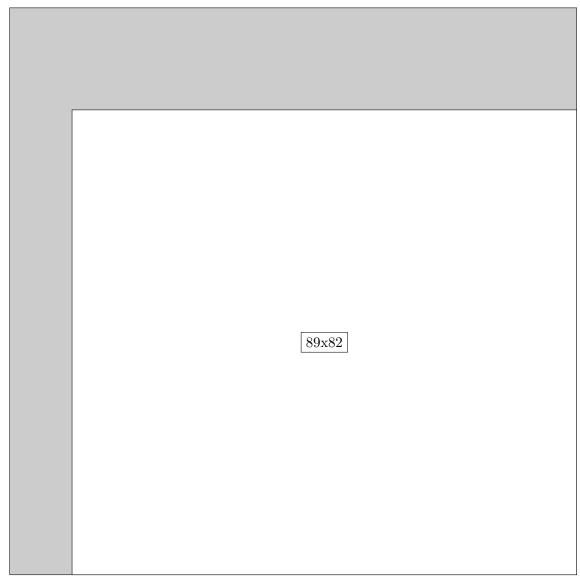
 $\le =74$  , h =64 , x =26 , y =0 , v =4736



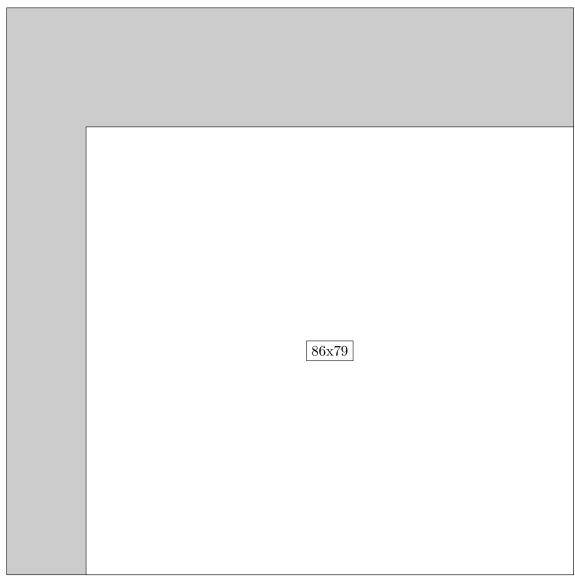
 $\begin{array}{l} w = \! 70 \ , \ h = \! 91 \ , \ x = \! 30 \ , \ y = \! 0 \ , \ v = \! 6370 \\ w = \! 27 \ , \ h = \! 90 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 2430 \\ w = \! 3 \ , \ h = \! 90 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 270 \end{array}$ 



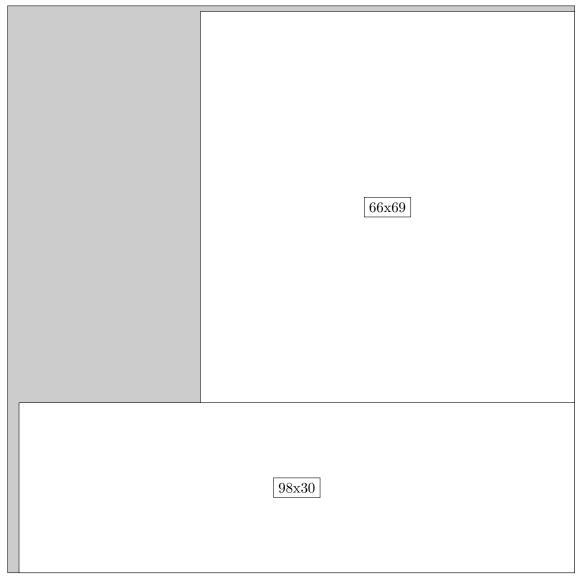
 $\le =88$  , h =70 , x =12 , y =0 , v =6160



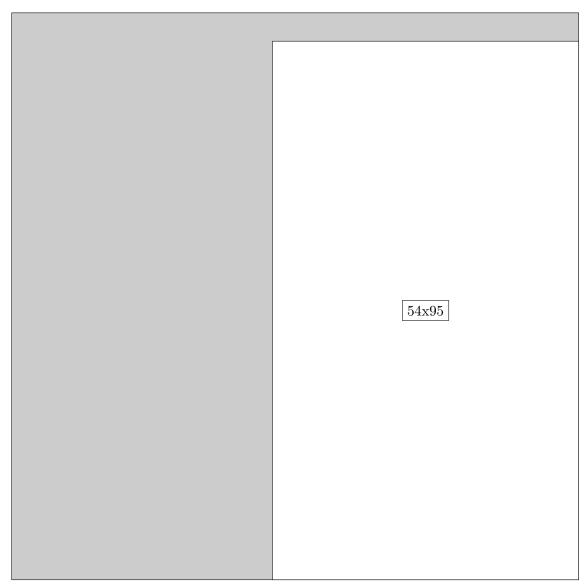
 $\le =89$  , h =82 , x =11 , y =0 , v =7298



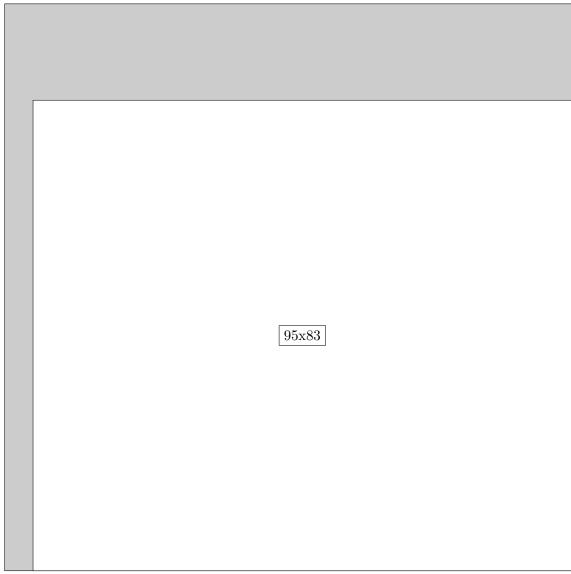
 $\le =86$  , h =79 , x =14 , y =0 , v =6794



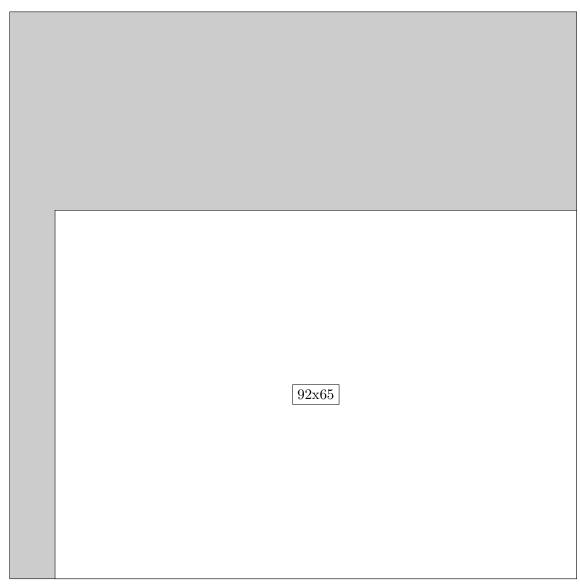
$$\begin{array}{l} w = 98 \; , \; h = 30 \; , \; x = 2 \; , \; y = 0 \; , \; v = 2940 \\ w = 66 \; , \; h = 69 \; , \; x = 34 \; , \; y = 30 \; , \; v = 4554 \end{array}$$



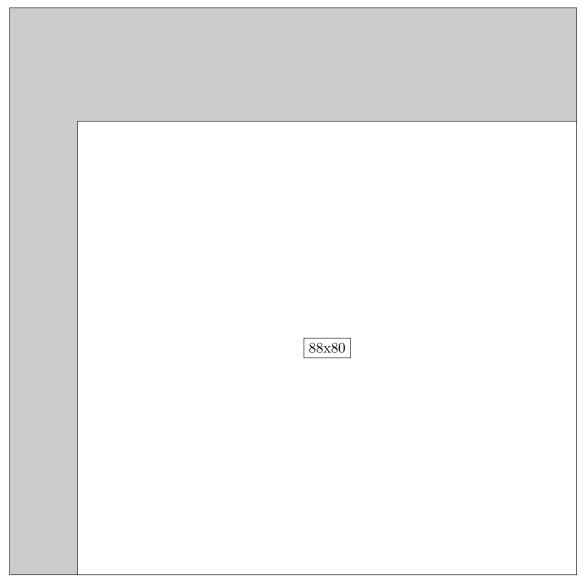
 $\le =54$  , h=95 , x=46 , y=0 , v=5130



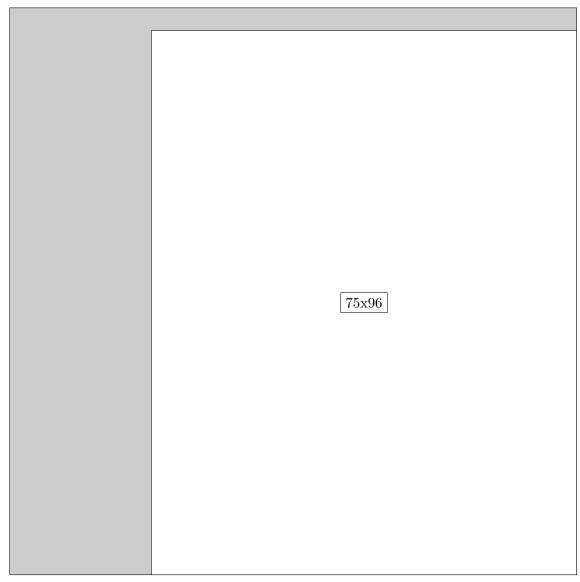
 $\le =95$  , h =83 , x =5 , y =0 , v =7885



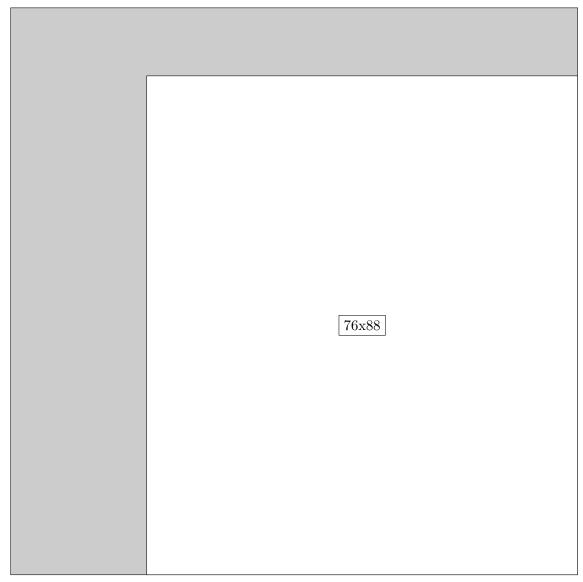
 $\le =92$  , h =65 , x =8 , y =0 , v =5980



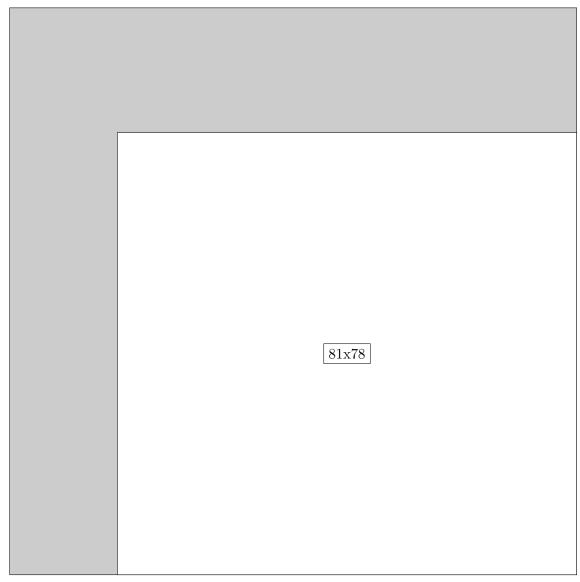
 $\le =88$  , h =80 , x =12 , y =0 , v =7040



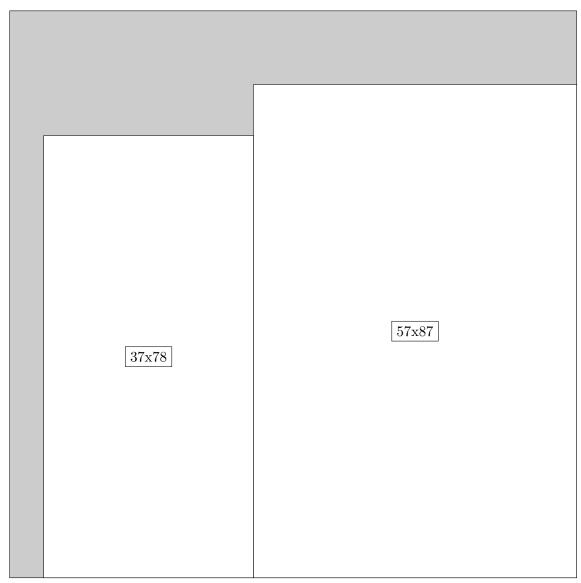
 $\le =75$  , h =96 , x =25 , y =0 , v =7200



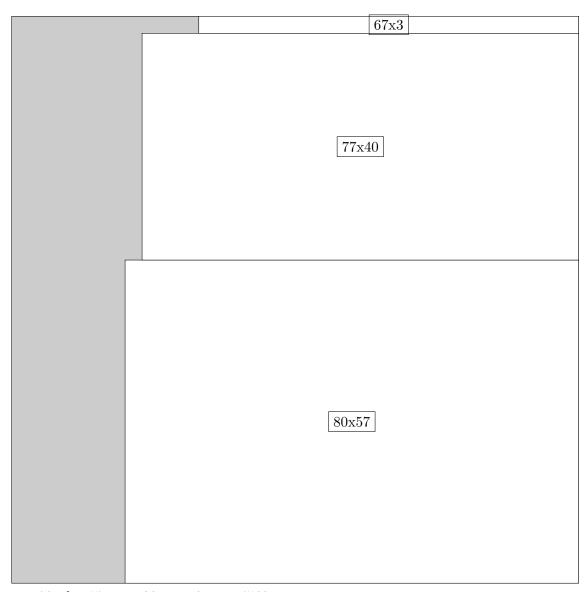
 $\le =76$  , h =88 , x =24 , y =0 , v =6688



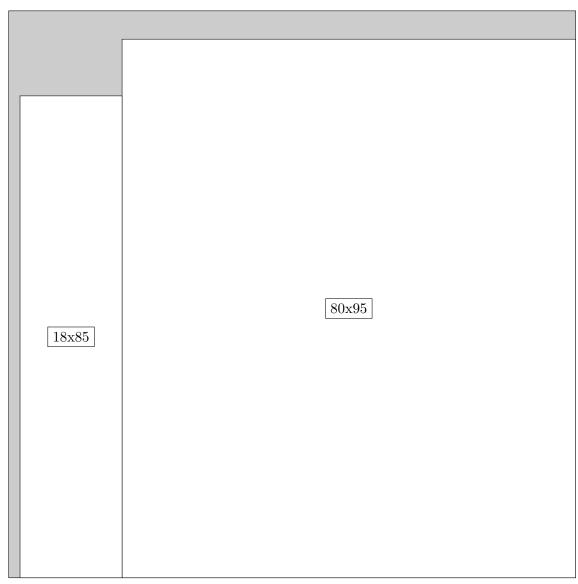
 $\le =81$  , h=78 , x=19 , y=0 , v=6318



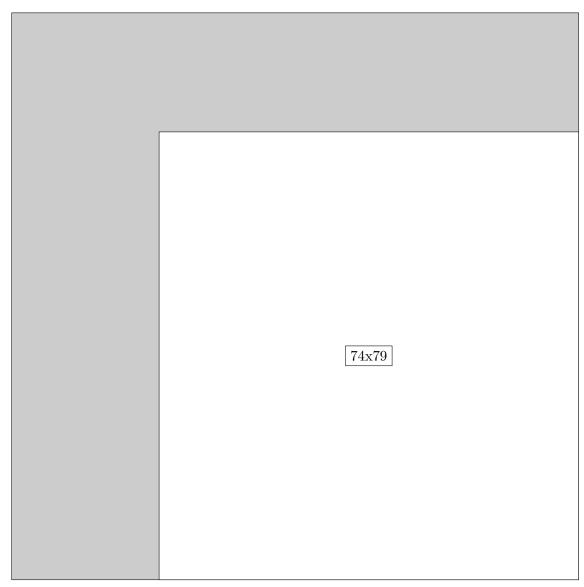
$$\begin{array}{l} w = \! 57 \ , \ h = \! 87 \ , \ x = \! 43 \ , \ y = \! 0 \ , \ v = \! 4959 \\ w = \! 37 \ , \ h = \! 78 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 2886 \end{array}$$



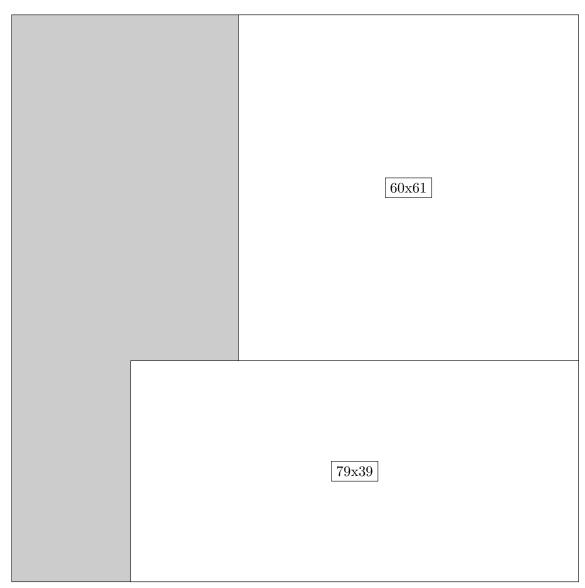
$$\begin{array}{l} w = \! 80 \; , \; h = \! 57 \; , \; x = \! 20 \; , \; y = \! 0 \; , \; v = \! 4560 \\ w = \! 77 \; , \; h = \! 40 \; , \; x = \! 23 \; , \; y = \! 57 \; , \; v = \! 3080 \\ w = \! 67 \; , \; h = \! 3 \; , \; x = \! 33 \; , \; y = \! 97 \; , \; v = \! 201 \end{array}$$



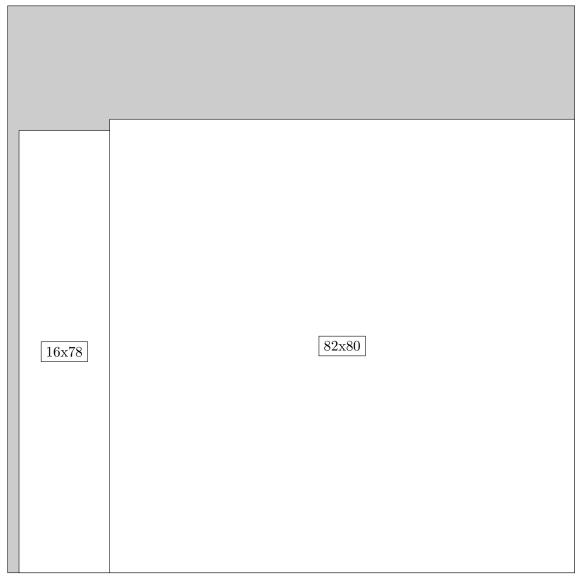
$$w$$
 =80 ,  $h$  =95 ,  $x$  =20 ,  $y$  =0 ,  $v$  =7600  $w$  =18 ,  $h$  =85 ,  $x$  =2 ,  $y$  =0 ,  $v$  =1530



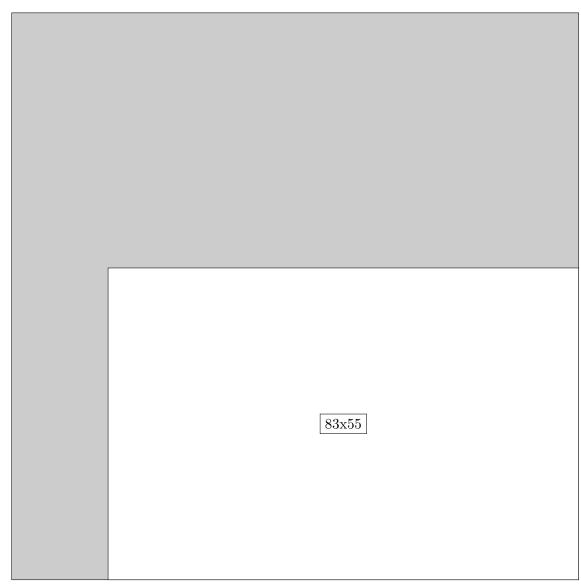
 $\le =74$  , h =79 , x =26 , y =0 , v =5846



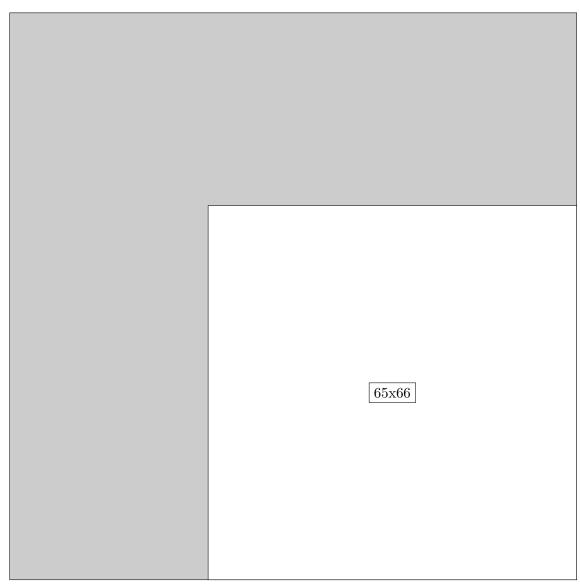
$$\begin{array}{l} w = 79 \ , \ h = 39 \ , \ x = 21 \ , \ y = 0 \ , \ v = 3081 \\ w = 60 \ , \ h = 61 \ , \ x = 40 \ , \ y = 39 \ , \ v = 3660 \end{array}$$



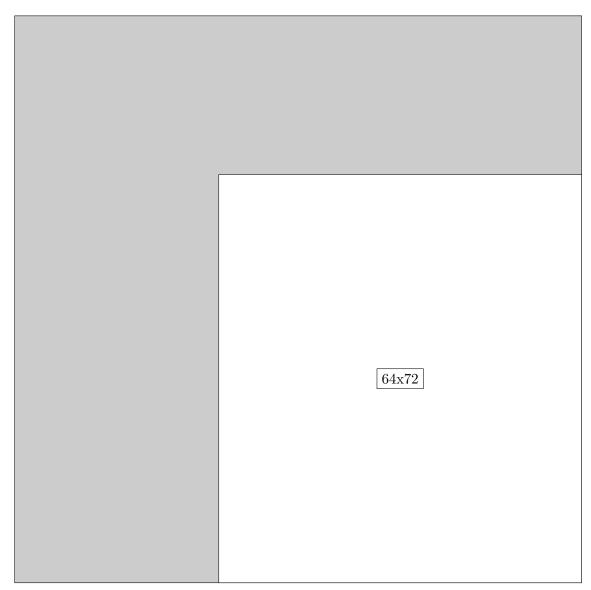
$$w$$
 =82 ,  $h$  =80 ,  $x$  =18 ,  $y$  =0 ,  $v$  =6560  $w$  =16 ,  $h$  =78 ,  $x$  =2 ,  $y$  =0 ,  $v$  =1248



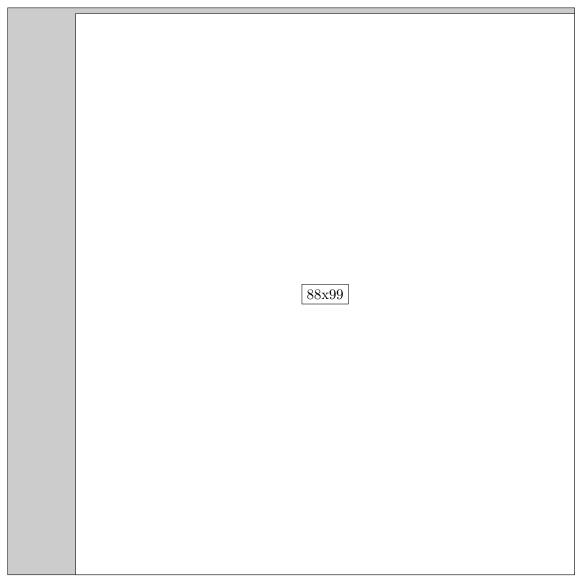
 $\le =83$  , h =55 , x =17 , y =0 , v =4565



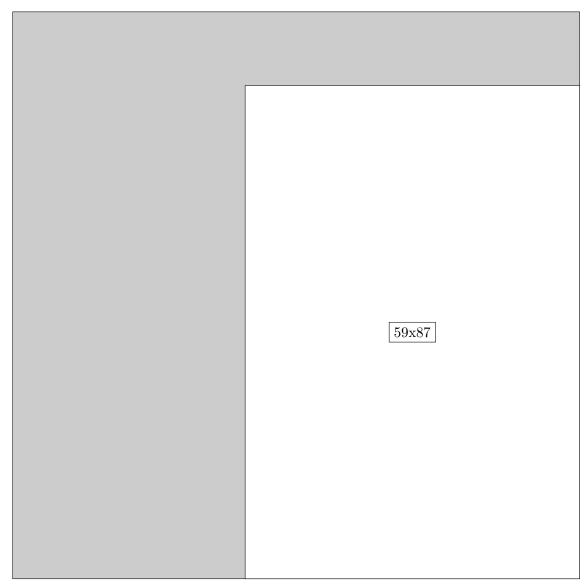
 $\le =65$  , h=66 , x=35 , y=0 , v=4290



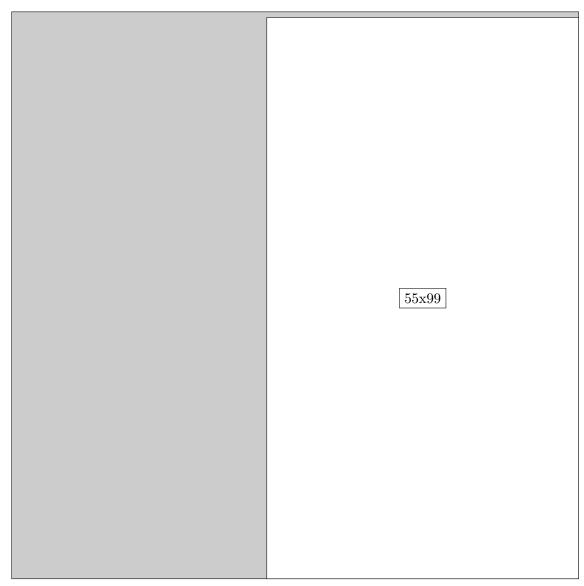
 $\le =64$  , h =72 , x =36 , y =0 , v =4608



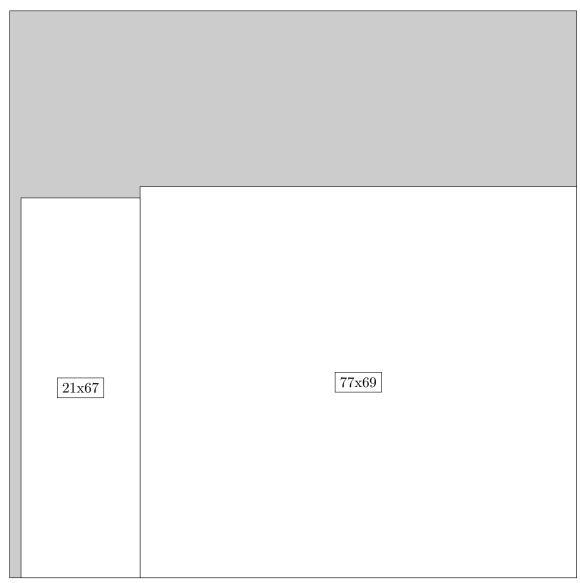
 $\le =88$  , h =99 , x =12 , y =0 , v =8712

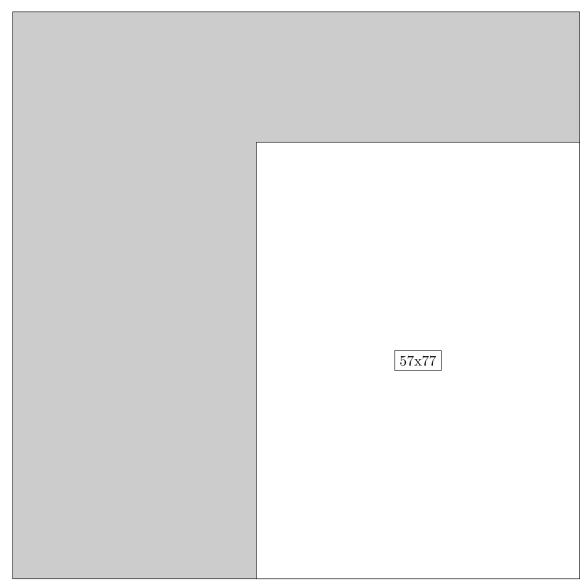


 $\le =59$  , h =87 , x =41 , y =0 , v =5133

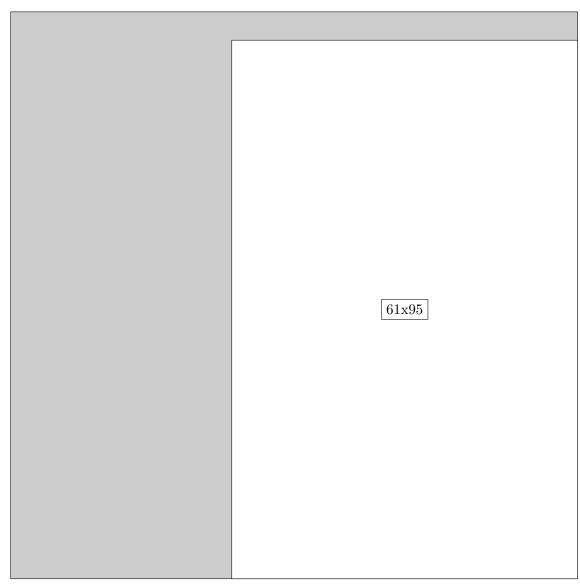


 $\le =55$  , h =99 , x =45 , y =0 , v =5445

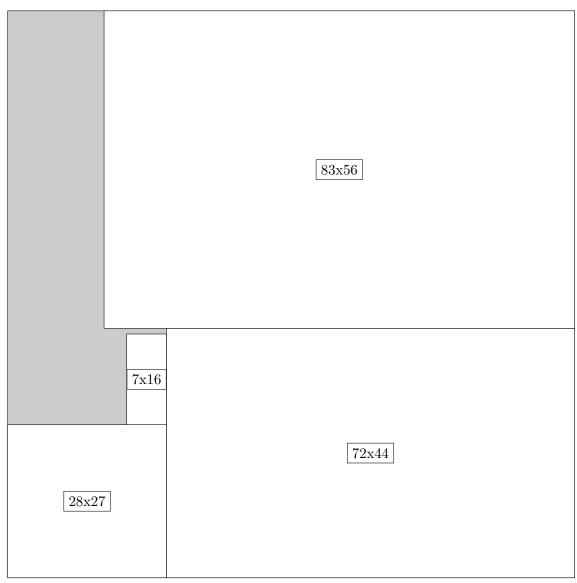




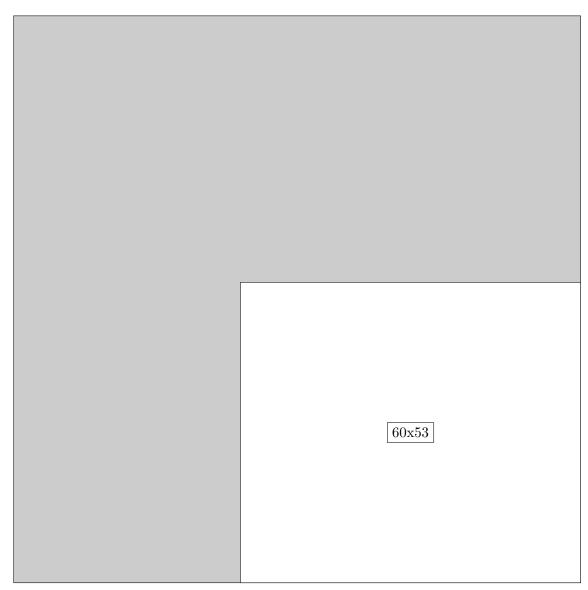
 $\le 57$  , h = 77 , x = 43 , y = 0 , v = 4389



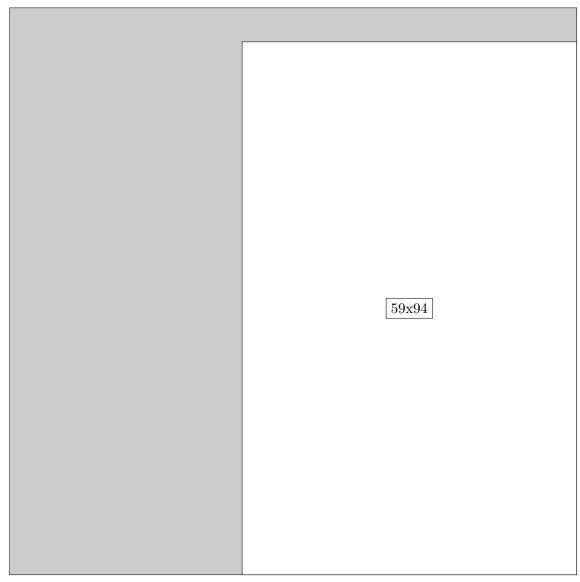
 $\le =61$  , h =95 , x =39 , y =0 , v =5795



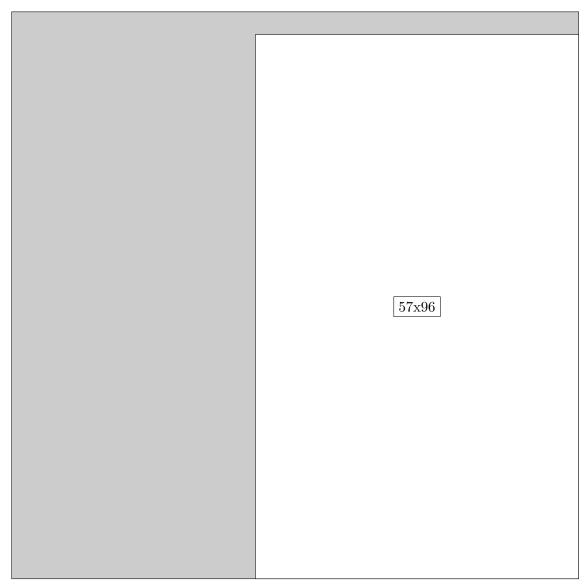
$$\begin{array}{l} w=72 \ , \ h=44 \ , \ x=28 \ , \ y=0 \ , \ v=3168 \\ w=28 \ , \ h=27 \ , \ x=0 \ , \ y=0 \ , \ v=756 \\ w=7 \ , \ h=16 \ , \ x=21 \ , \ y=27 \ , \ v=112 \\ w=83 \ , \ h=56 \ , \ x=17 \ , \ y=44 \ , \ v=4648 \end{array}$$



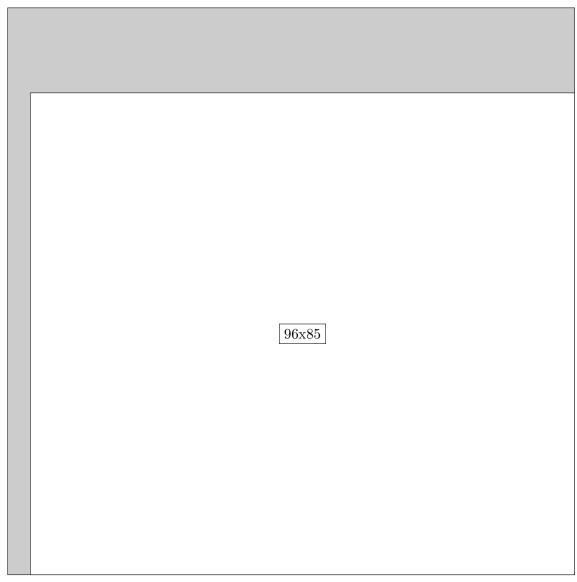
 $\le =60$  , h =53 , x =40 , y =0 , v =3180



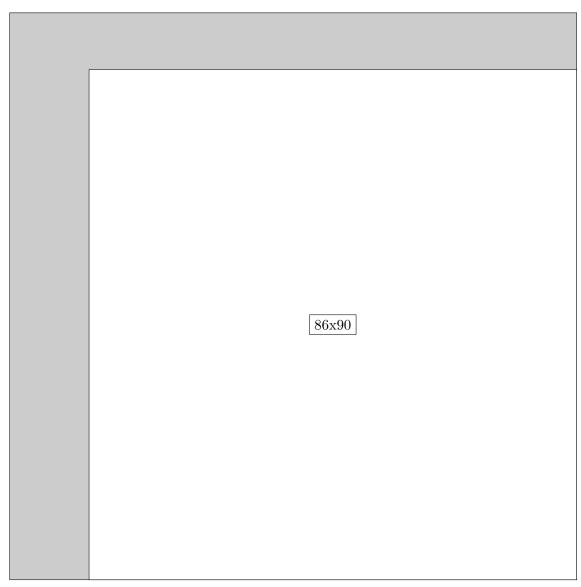
 $\le =59$  , h =94 , x =41 , y =0 , v =5546



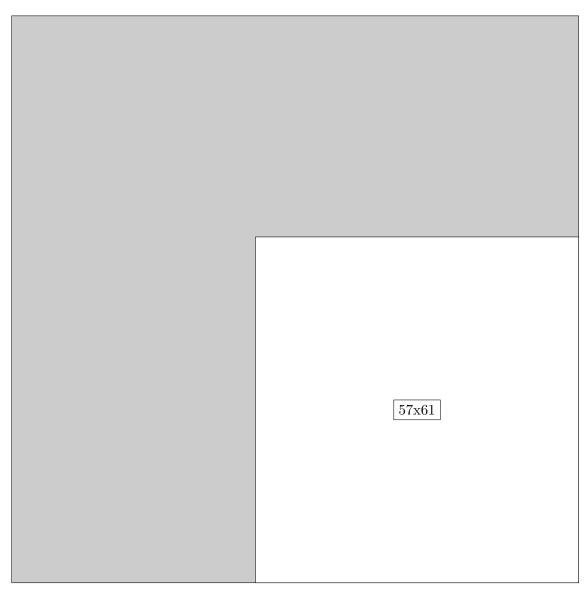
 $\le =57$  , h =96 , x =43 , y =0 , v = 5472



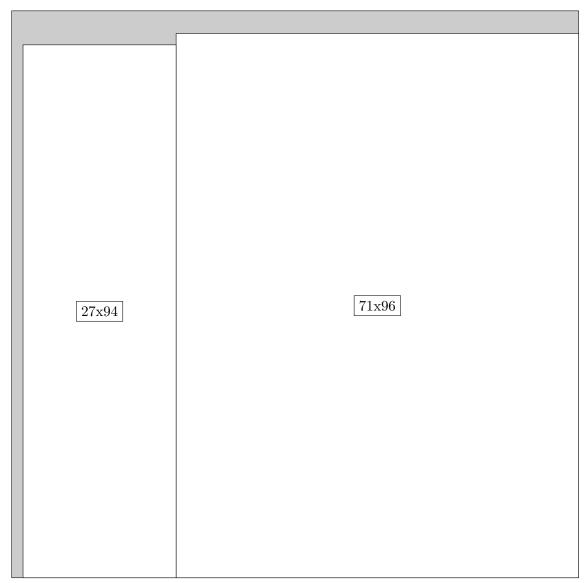
 $\le =96$  , h =85 , x =4 , y =0 , v =8160



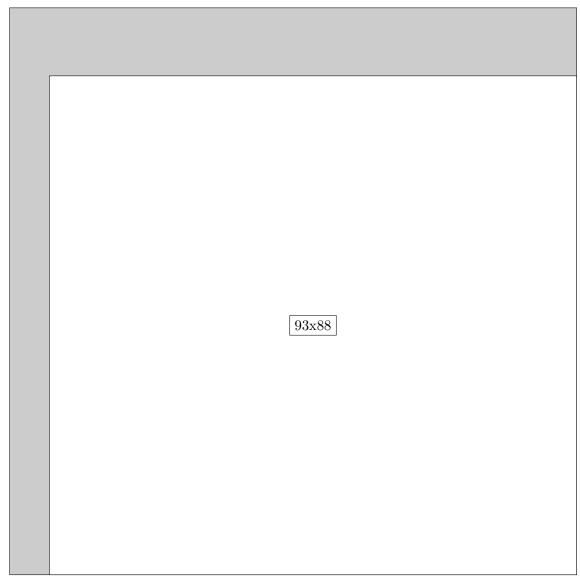
 $\le =86$  , h =90 , x =14 , y =0 , v =7740



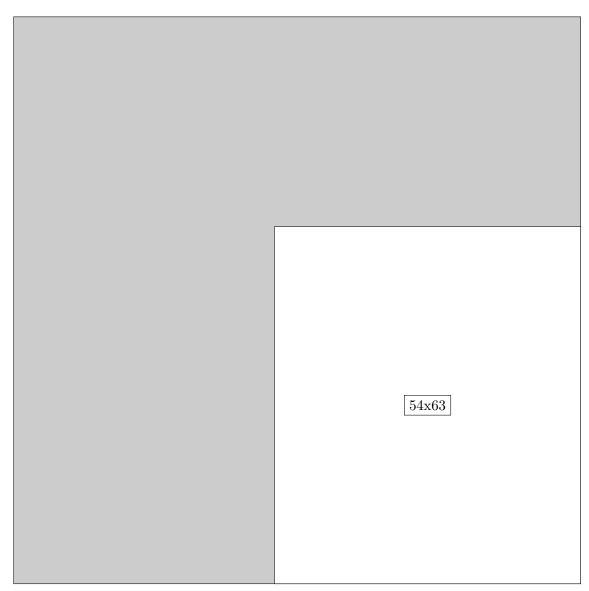
 $\le =57$  , h =61 , x =43 , y =0 , v =3477



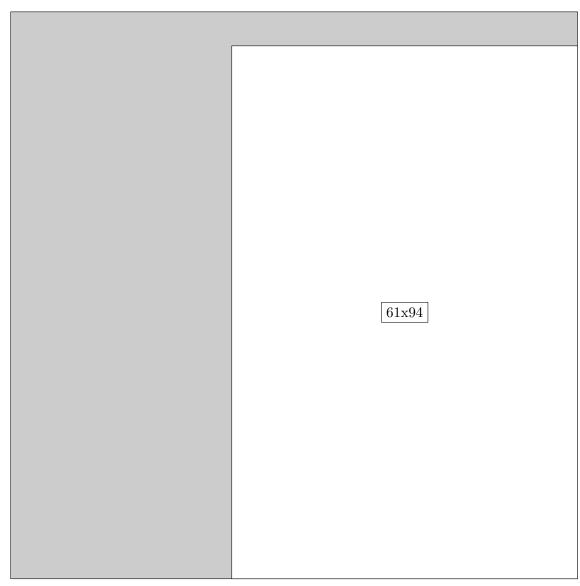
$$\begin{array}{l} w = \! 71 \ , \ h = \! 96 \ , \ x = \! 29 \ , \ y = \! 0 \ , \ v = \! 6816 \\ w = \! 27 \ , \ h = \! 94 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 2538 \end{array}$$



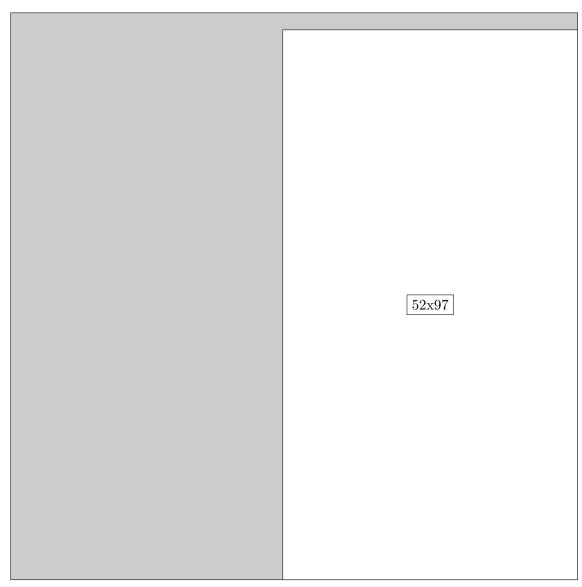
 $\le =93$  , h =88 , x =7 , y =0 , v =8184



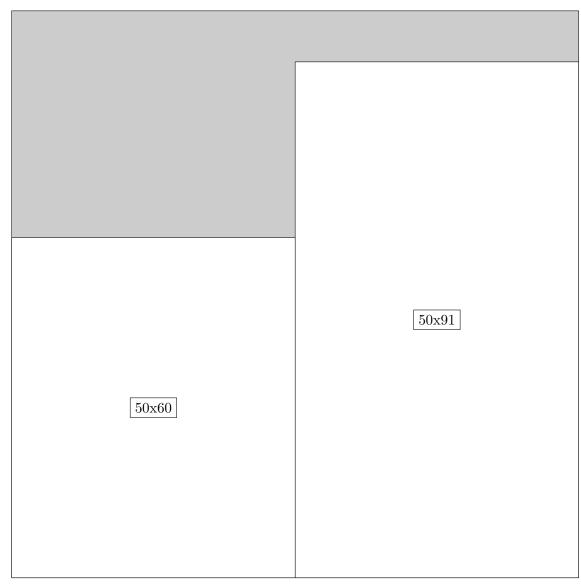
 $\le =54$  , h=63 , x=46 , y=0 , v=3402



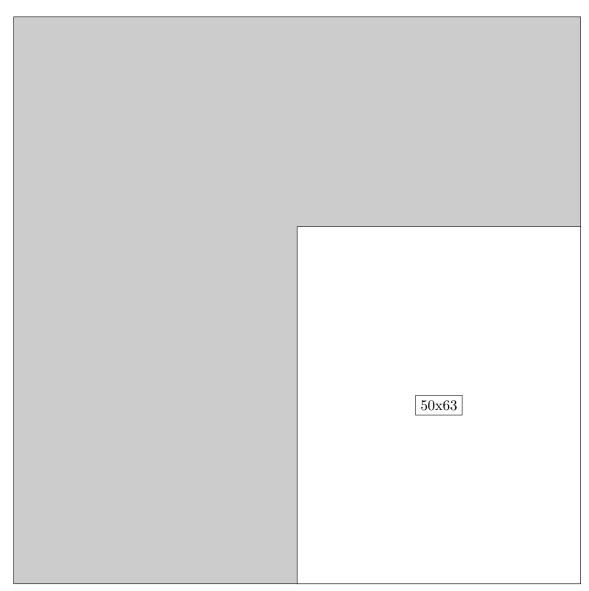
 $\le =61$  , h =94 , x =39 , y =0 , v =5734



 $\le -52$  , h =97 , x =48 , y =0 , v = 5044



$$\begin{array}{l} w = \! 50 \ , \ h = \! 91 \ , \ x = \! 50 \ , \ y = \! 0 \ , \ v = \! 4550 \\ w = \! 50 \ , \ h = \! 60 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3000 \end{array}$$



 $\le =50$  , h =63 , x =50 , y =0 , v =3150