$ClassName: \ Class\_09.2bp-32$ 

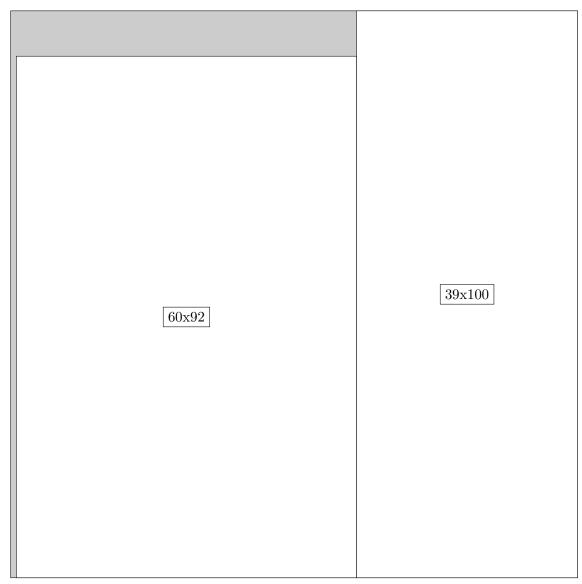
BinSize:  $\underline{100 \times 100}$ ReduceSize:  $\underline{100 \times 100}$ 

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>570000</u> InS: <u>350975</u> Rate: <u>0.616</u> UB: <u>57</u> LB: <u>57</u>

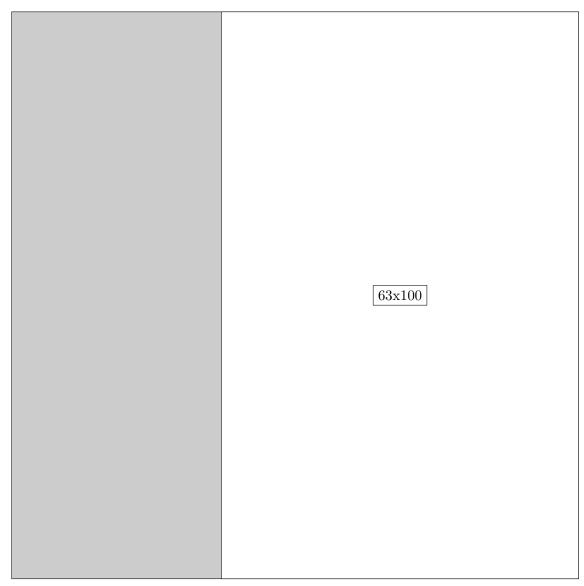
LBWithCut:  $\underline{\bf 57}$ NodeCount:  $\underline{\bf 0}$ PrimalNode:  $\underline{\bf 0}$ ColumnCount:  $\underline{\bf 57}$ TotalCutCount:  $\underline{\bf 0}$ RootCutCount:  $\underline{\bf 0}$ LPSolverCnt:  $\underline{\bf 1}$ PricingSolverCnt:  $\underline{\bf 0}$ BranchAndBoundNum:  $\underline{\bf 1}$ 

isOpt: **true** 

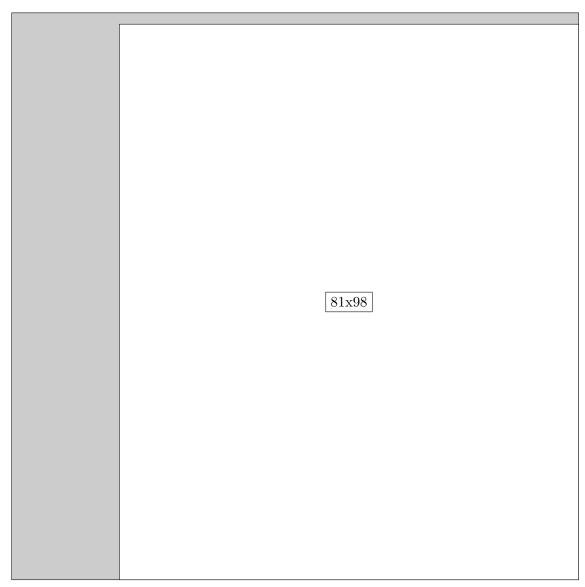
TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{0.000 \text{ s}}$ TimeOnRmp:  $\underline{0.063 \text{ s}}$ TotalTime:  $\underline{0.203 \text{ s}}$ 



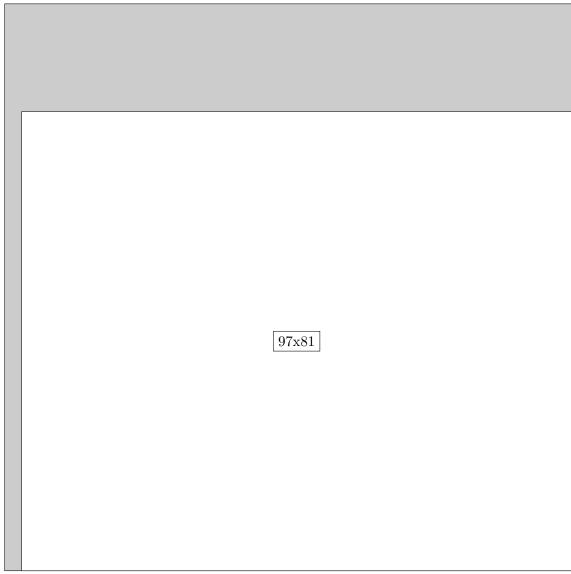
 $\begin{array}{l} w = & 39 \ , \ h = & 100 \ , \ x = & 61 \ , \ y = & 0 \ , \ v = & 3900 \\ w = & 60 \ , \ h = & 92 \ , \ x = & 1 \ , \ y = & 0 \ , \ v = & 5520 \\ \end{array}$ 



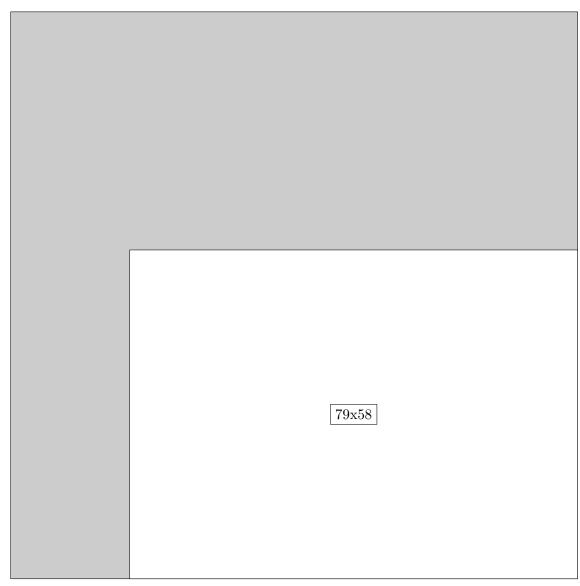
 $\le =63$  , h = 100 , x = 37 , y = 0 , v = 6300



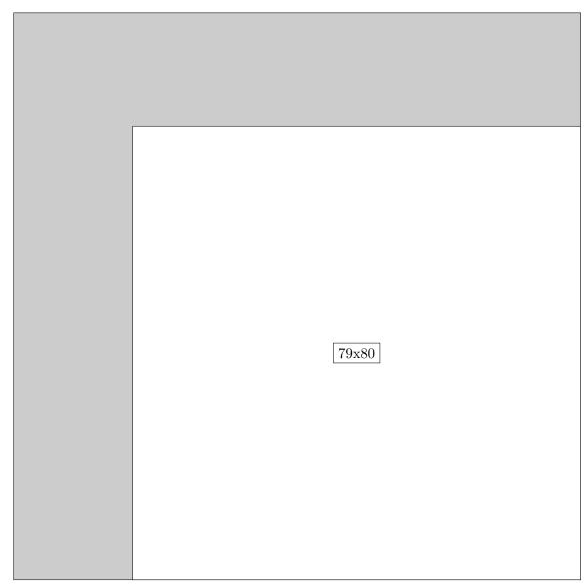
 $\le =81$  , h =98 , x =19 , y =0 , v =7938



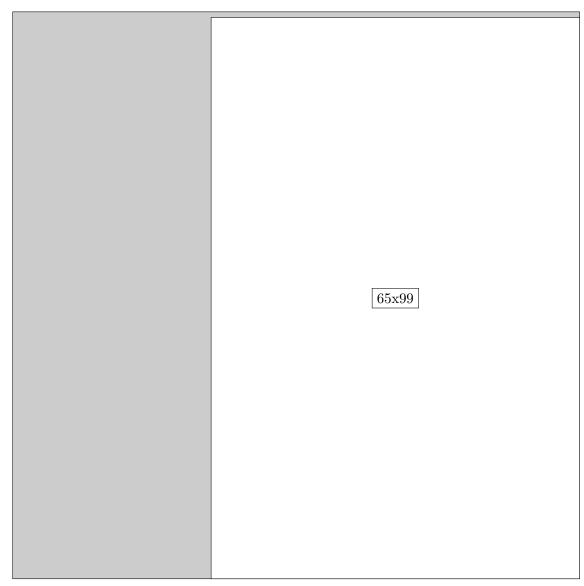
 $\le =97$  , h =81 , x =3 , y =0 , v =7857



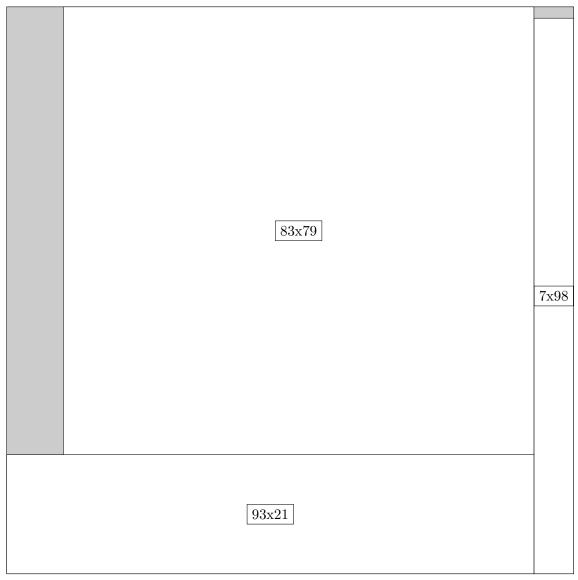
 $\le =79$  , h =58 , x =21 , y =0 , v =4582



 $\le =79$  , h =80 , x =21 , y =0 , v =6320



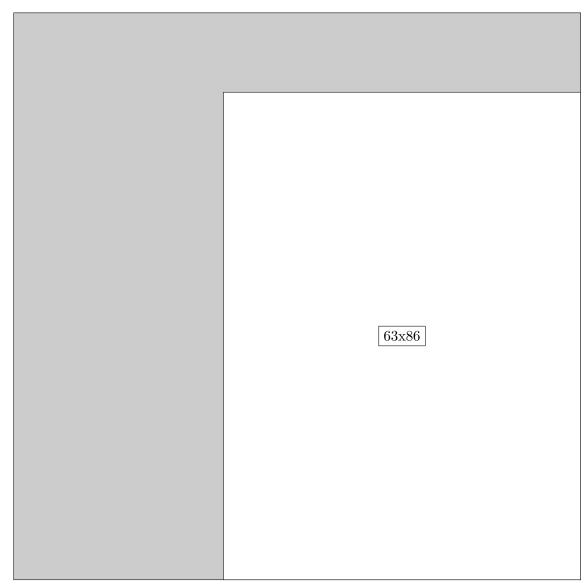
 $\le =65$  , h =99 , x =35 , y =0 , v =6435



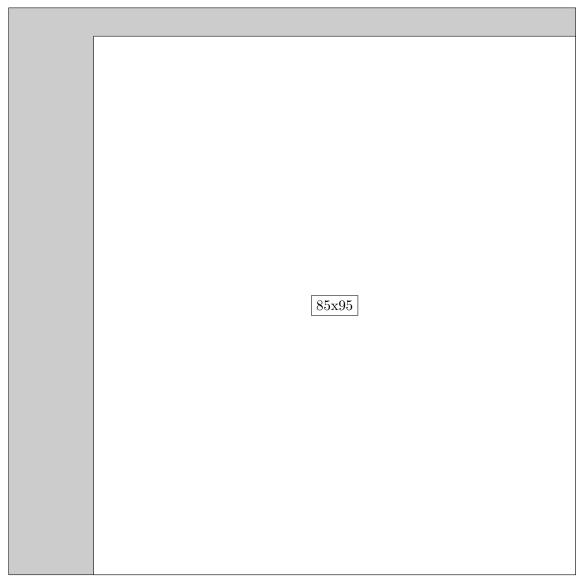
$$w = 7$$
,  $h = 98$ ,  $x = 93$ ,  $y = 0$ ,  $v = 686$ 

$$\le =93$$
 , h =21 , x =0 , y =0 , v =1953

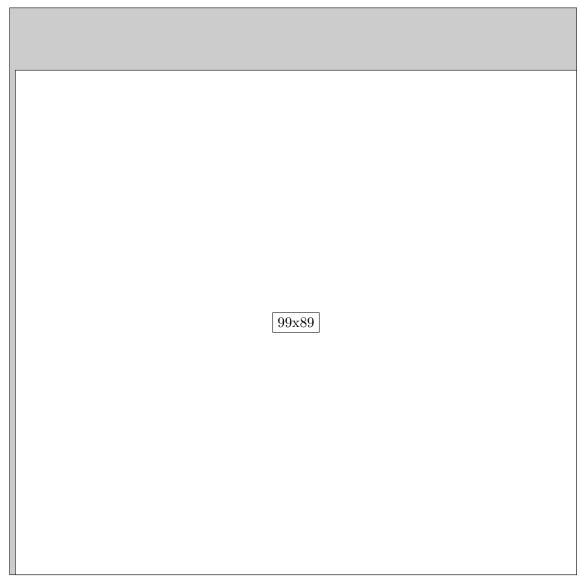
$$\le =83$$
 , h =79 , x =10 , y =21 , v =6557



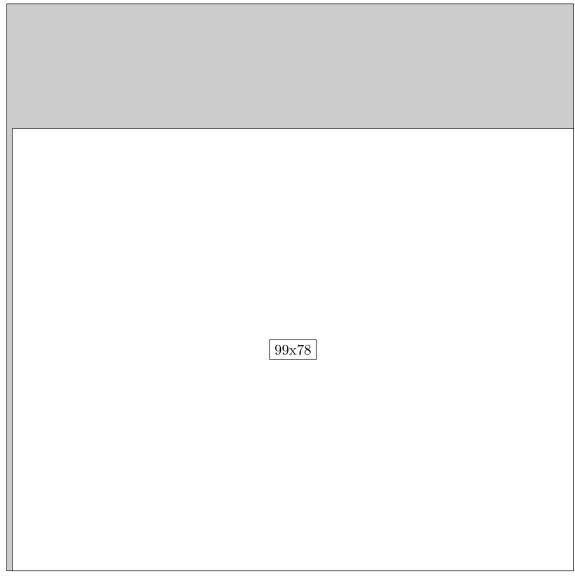
 $\le =63$  , h =86 , x =37 , y =0 , v =5418



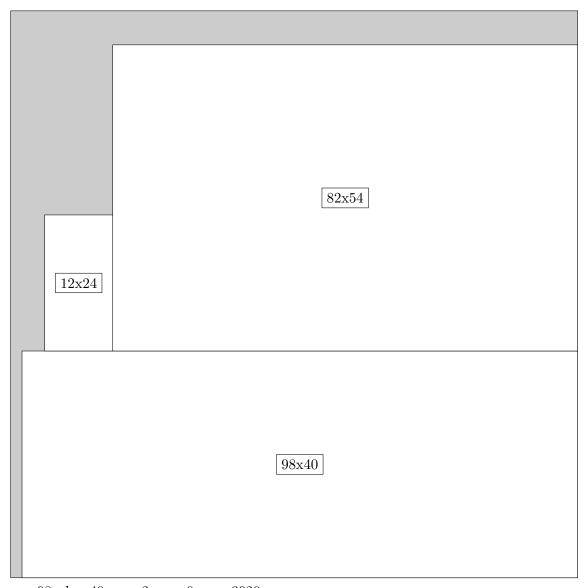
 $\le =85$  , h =95 , x =15 , y =0 , v =8075



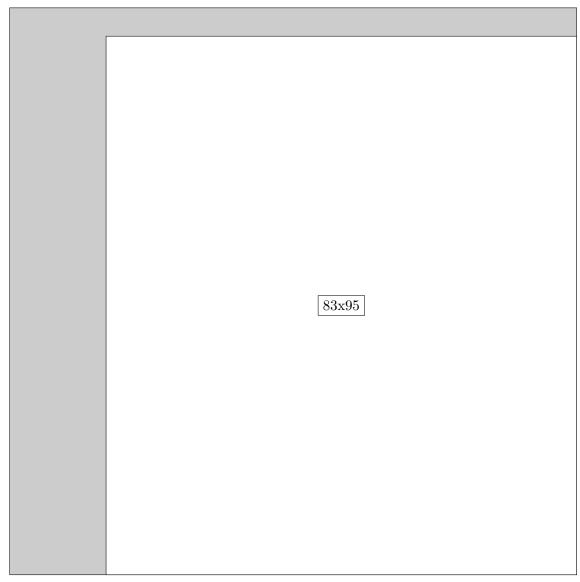
 $\le =99$  , h =89 , x =1 , y =0 , v =8811



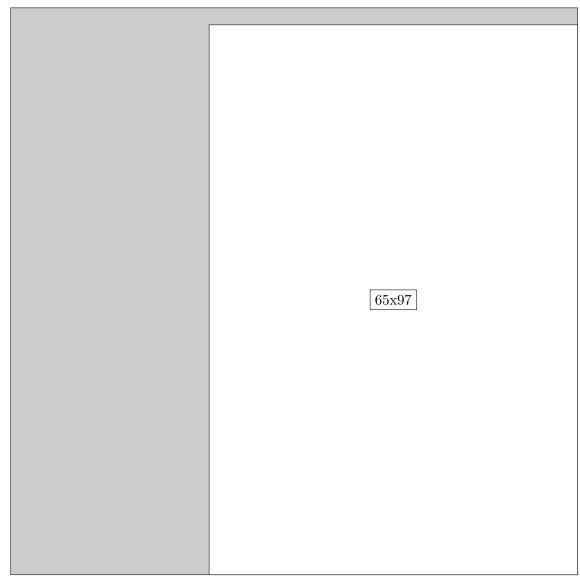
 $\le =99$  , h =78 , x =1 , y =0 , v =7722



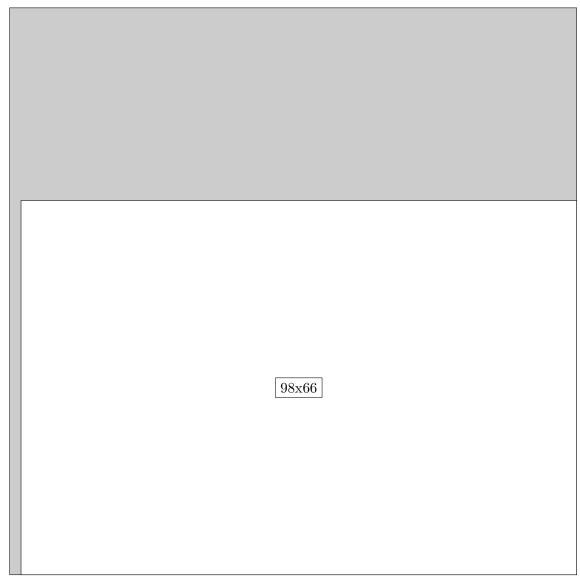
$$\begin{array}{l} w = \! 98 \ , \ h = \! 40 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 3920 \\ w = \! 82 \ , \ h = \! 54 \ , \ x = \! 18 \ , \ y = \! 40 \ , \ v = \! 4428 \\ w = \! 12 \ , \ h = \! 24 \ , \ x = \! 6 \ , \ y = \! 40 \ , \ v = \! 288 \end{array}$$



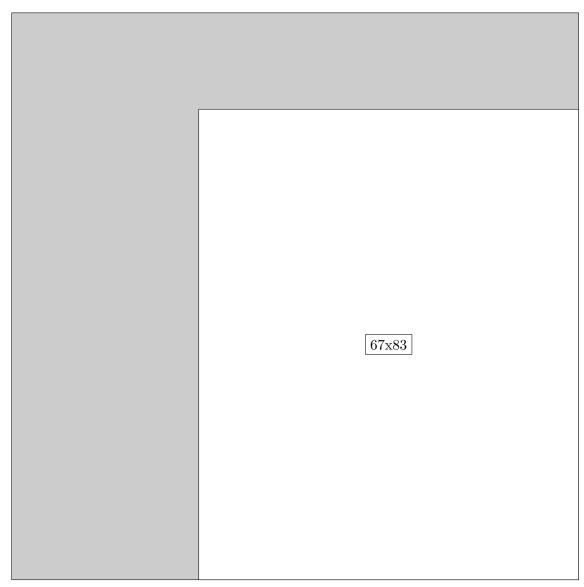
 $\le =83$  , h =95 , x =17 , y =0 , v =7885



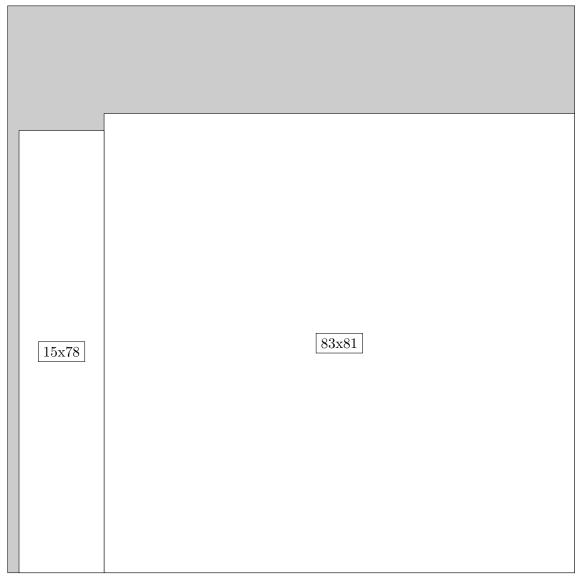
 $\le =65$  , h=97 , x=35 , y=0 , v=6305



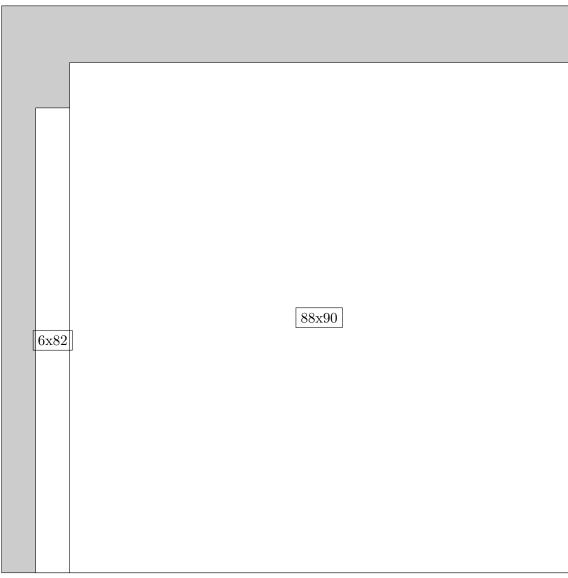
=98 , h =66 , x =2 , y =0 , v =6468



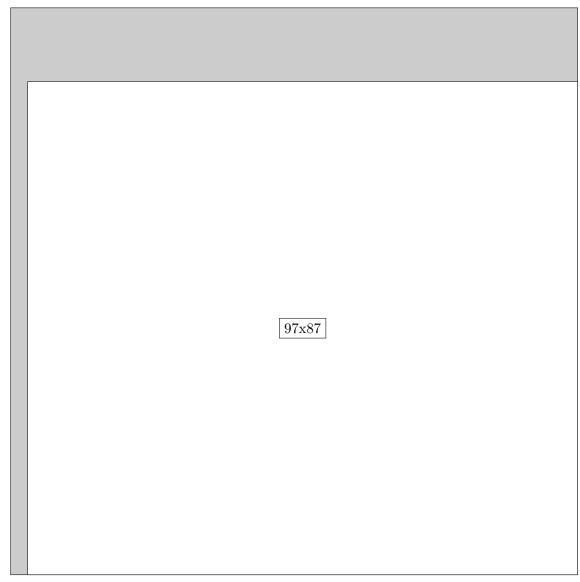
 $\le =67$  , h =83 , x =33 , y =0 , v =5561



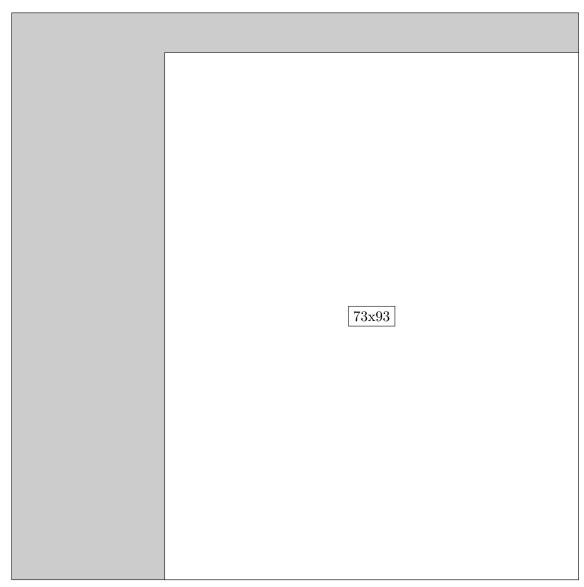
$$\begin{array}{l} w = \! 83 \ , \ h = \! 81 \ , \ x = \! 17 \ , \ y = \! 0 \ , \ v = \! 6723 \\ w = \! 15 \ , \ h = \! 78 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 1170 \end{array}$$



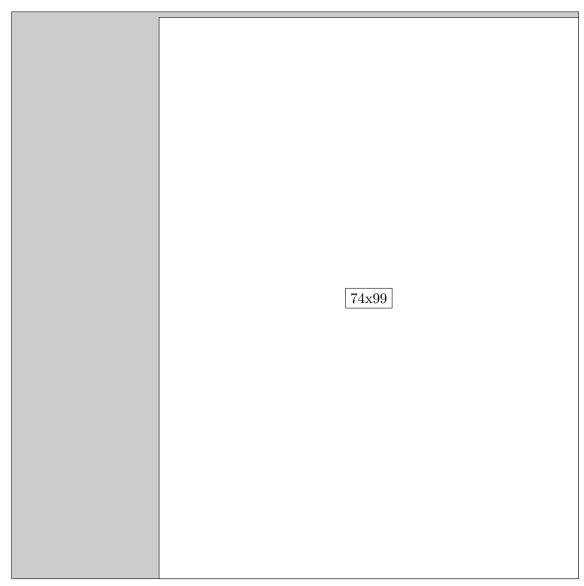
$$\begin{array}{l} w = \! 88 \; , \; h = \! 90 \; , \; x = \! 12 \; , \; y = \! 0 \; , \; v = \! 7920 \\ w = \! 6 \; , \; h = \! 82 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 492 \end{array}$$



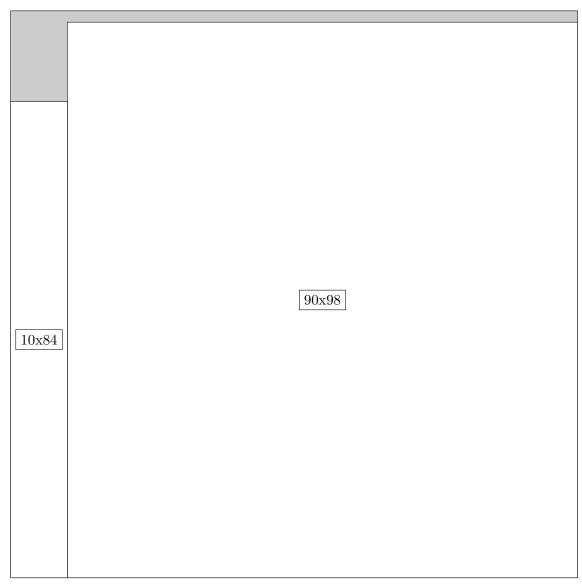
 $\le =97$  , h =87 , x =3 , y =0 , v =8439



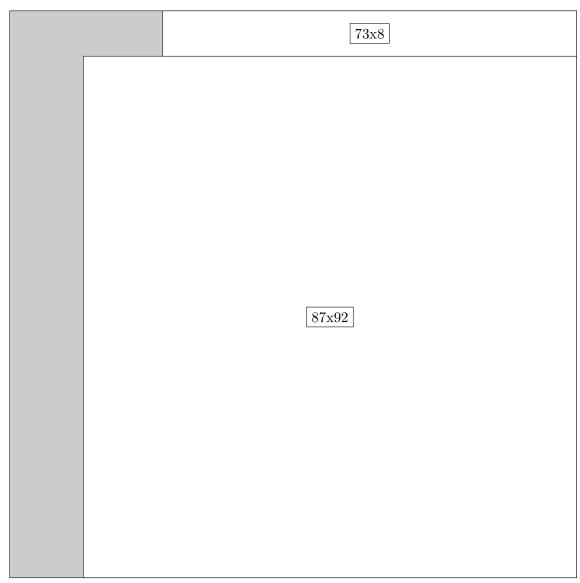
 $\le =73$  , h =93 , x =27 , y =0 , v =6789

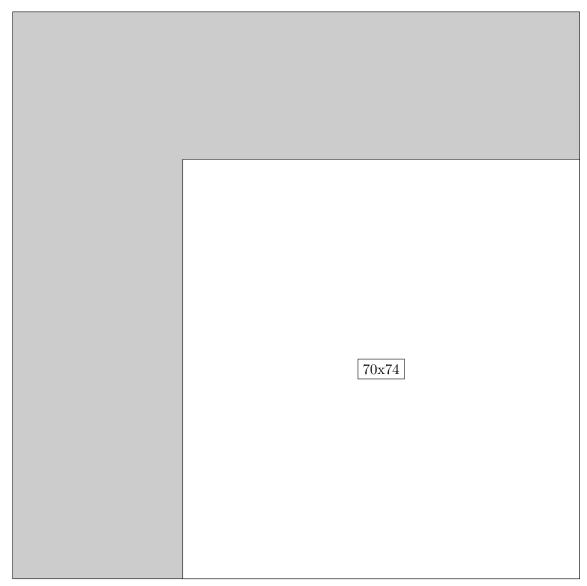


 $\le =74$  , h =99 , x =26 , y =0 , v =7326

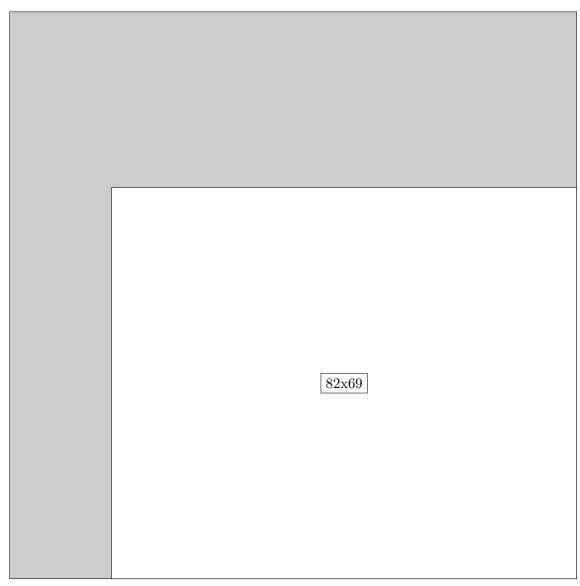


$$\begin{array}{l} w = \! 90 \ , \ h = \! 98 \ , \ x = \! 10 \ , \ y = \! 0 \ , \ v = \! 8820 \\ w = \! 10 \ , \ h = \! 84 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 840 \end{array}$$

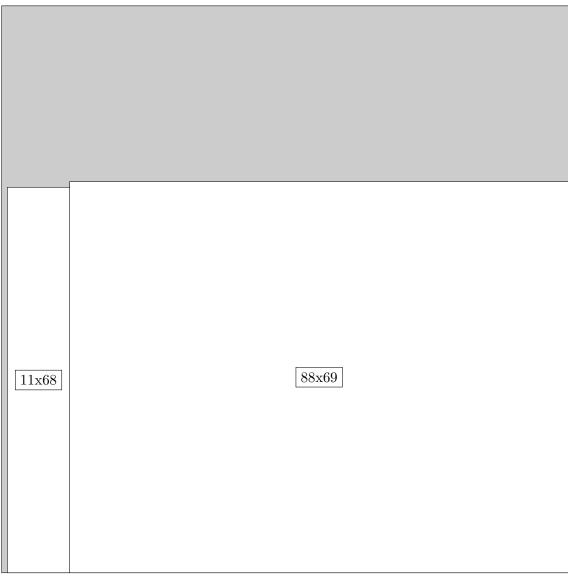


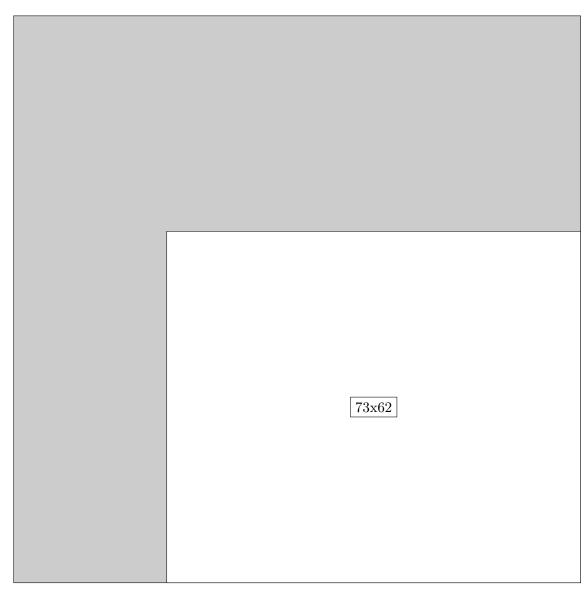


 $\le =70$  , h =74 , x =30 , y =0 , v =5180

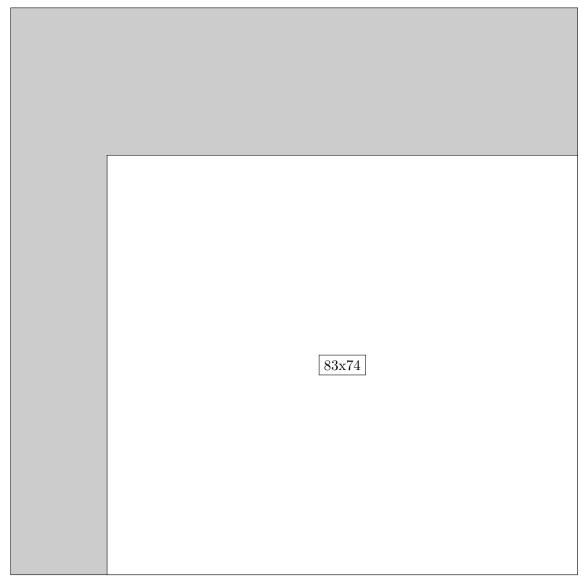


 $\le =82$  , h=69 , x=18 , y=0 , v=5658

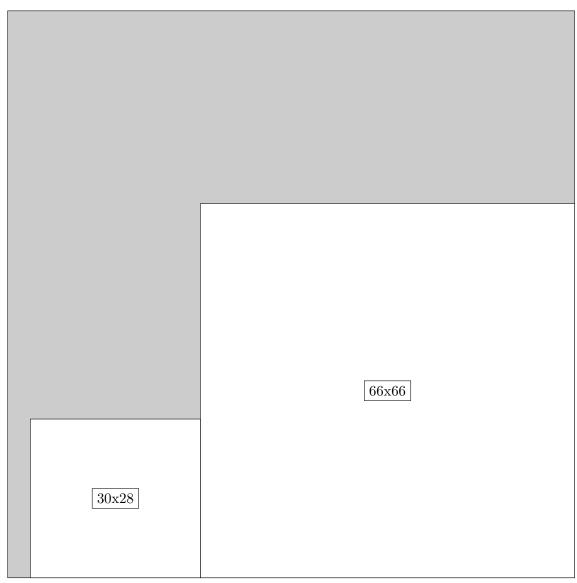




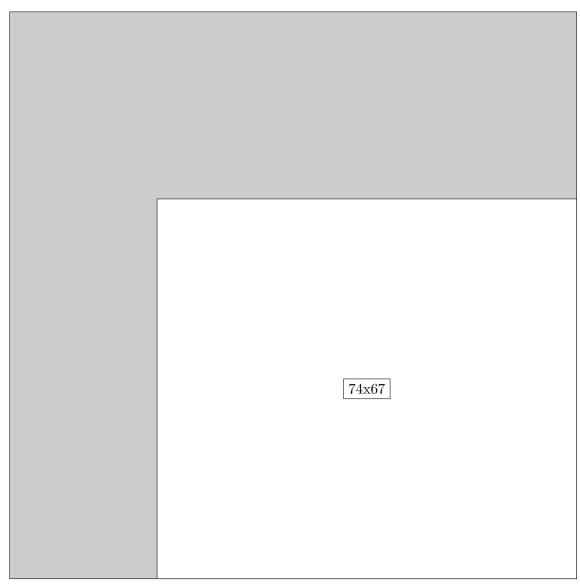
 $\le =73$  , h =62 , x =27 , y =0 , v =4526



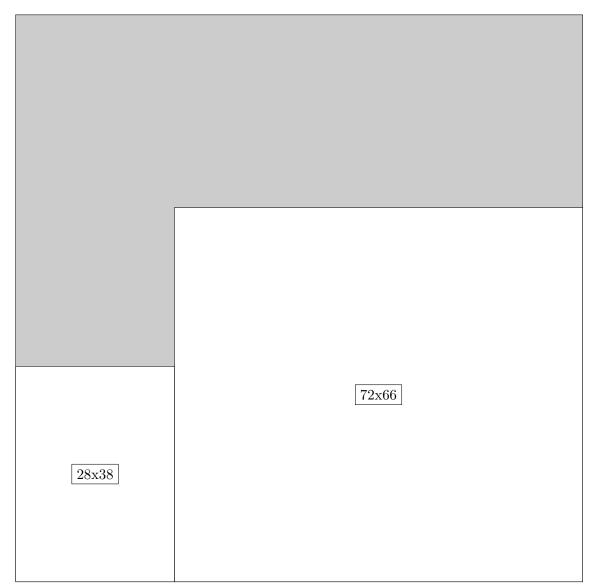
 $\le =83$  , h =74 , x =17 , y =0 , v =6142



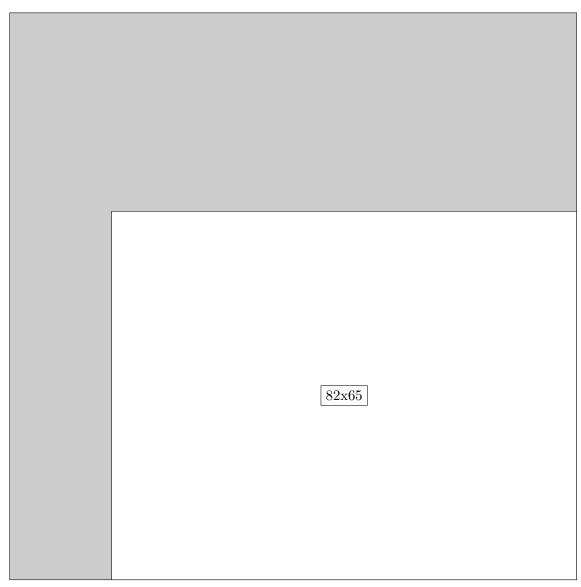
$$\begin{array}{c} w = \!\! 66 \ , \ h = \!\! 66 \ , \ x = \!\! 34 \ , \ y = \!\! 0 \ , \ v = \!\! 4356 \\ w = \!\! 30 \ , \ h = \!\! 28 \ , \ x = \!\! 4 \ , \ y = \!\! 0 \ , \ v = \!\! 840 \\ \end{array}$$



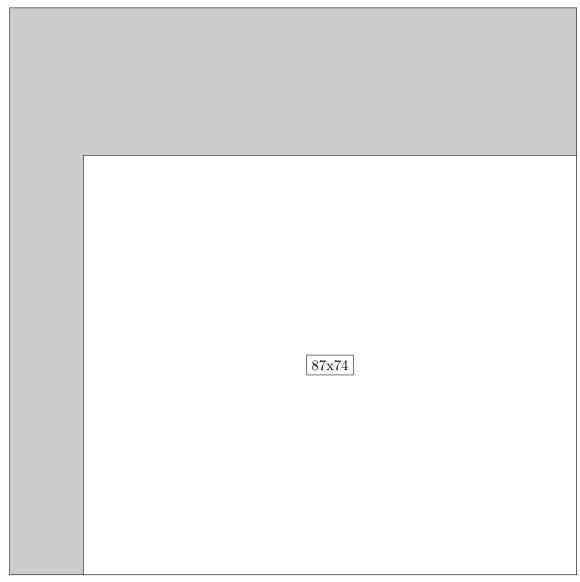
 $\le =74$  , = 67 , = 26 , y = 0 , v = 4958



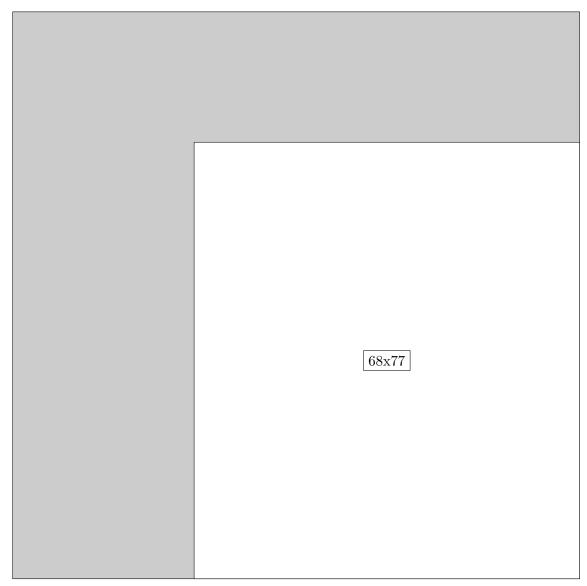
$$\begin{array}{l} w = \!\!\! 72 \ , \ h = \!\!\! 66 \ , \ x = \!\!\! 28 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 4752 \\ w = \!\!\! 28 \ , \ h = \!\!\! 38 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 1064 \end{array}$$



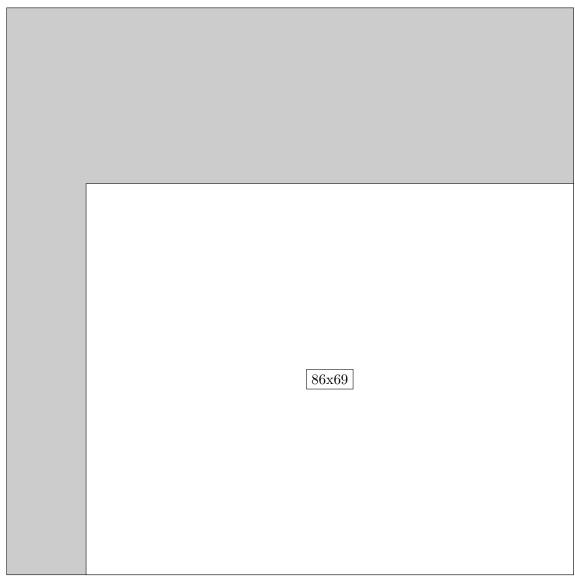
 $\le =82$  , h=65 , x=18 , y=0 , v=5330



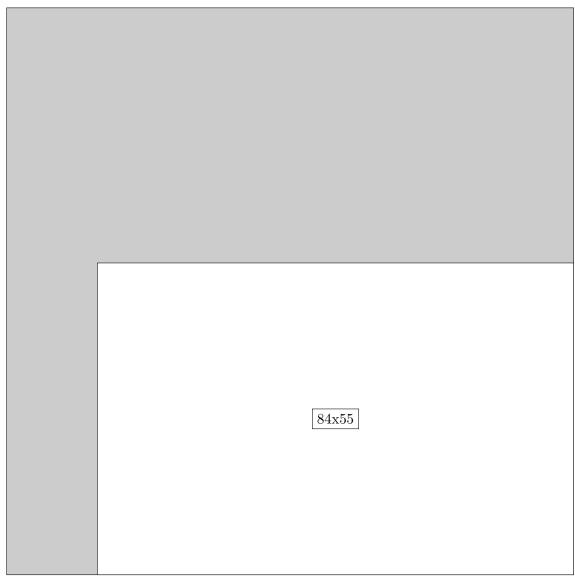
 $\le =87$  , h =74 , x =13 , y =0 , v =6438



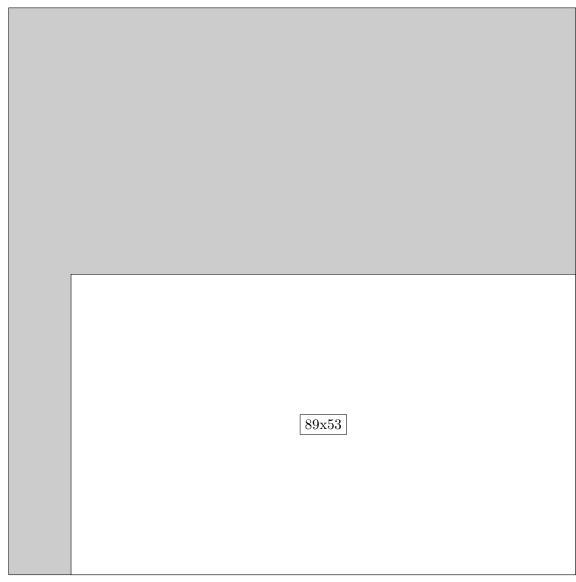
 $\le =68$  , h =77 , x =32 , y =0 , v =5236



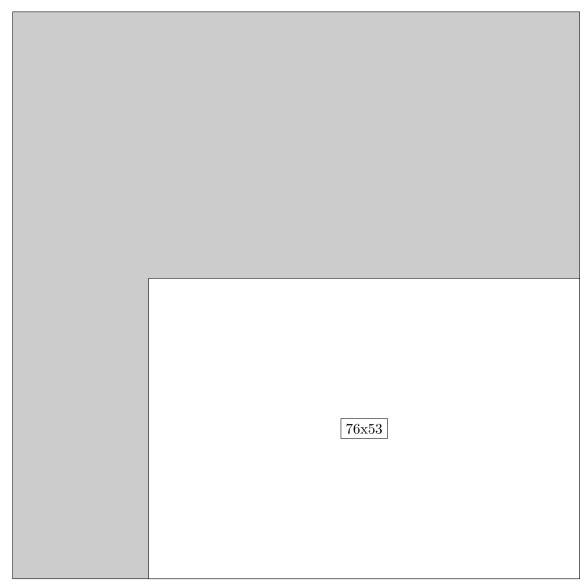
 $\le =86$  , h=69 , x=14 , y=0 , v=5934



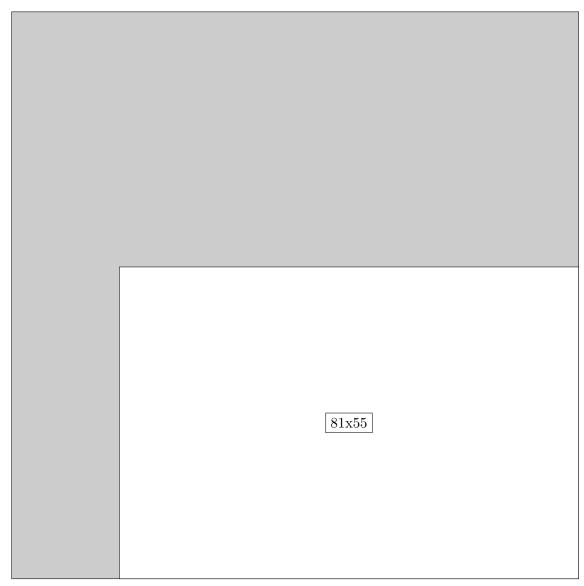
 $\le =84$  , h = 55 , x = 16 , y = 0 , v = 4620



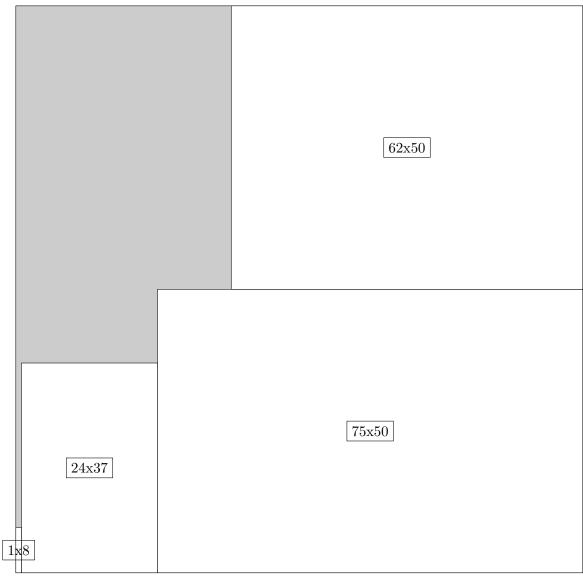
 $\le =89$  , h =53 , x =11 , y =0 , v =4717



 $\le =76$  , h =53 , x =24 , y =0 , v =4028



 $\le =81$  , h=55 , x=19 , y=0 , v=4455

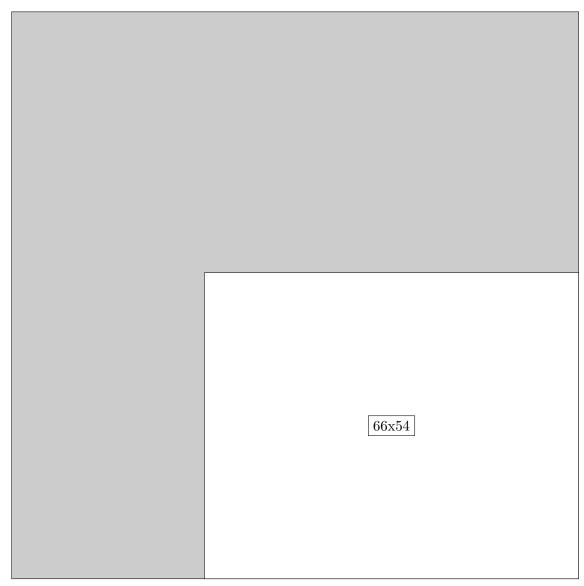


 $\le -75$  , h = 50 , x = 25 , y = 0 , v = 3750

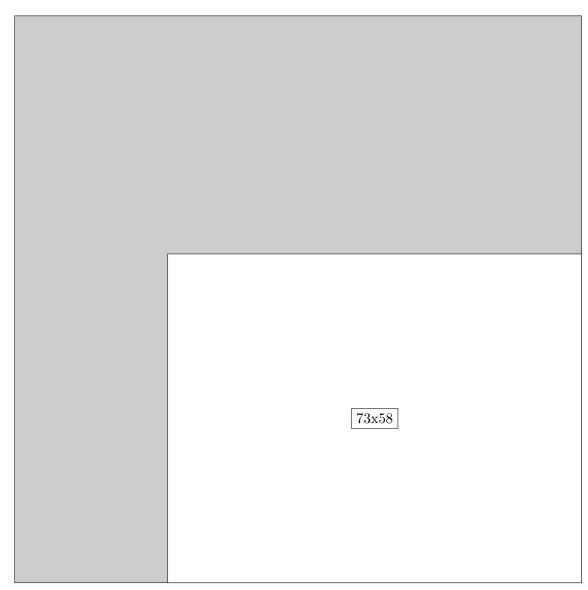
 $\le =24$  , h =37 , x =1 , y =0 , v =888

 $\mathbf{w}$  =1 , h =8 , x =0 , y =0 , v =8

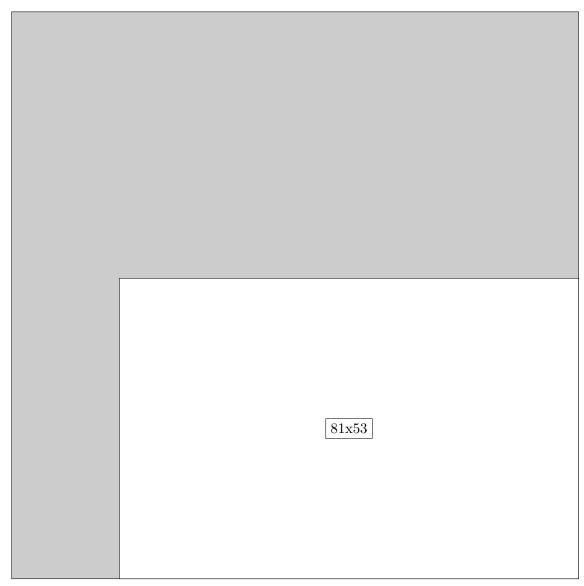
 $\le =62$  , h=50 , x=38 , y=50 , v=3100



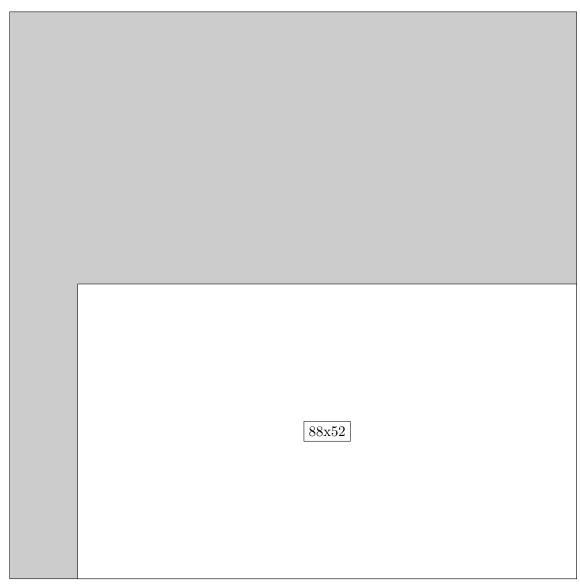
 $\le =66$  , h =54 , x =34 , y =0 , v =3564



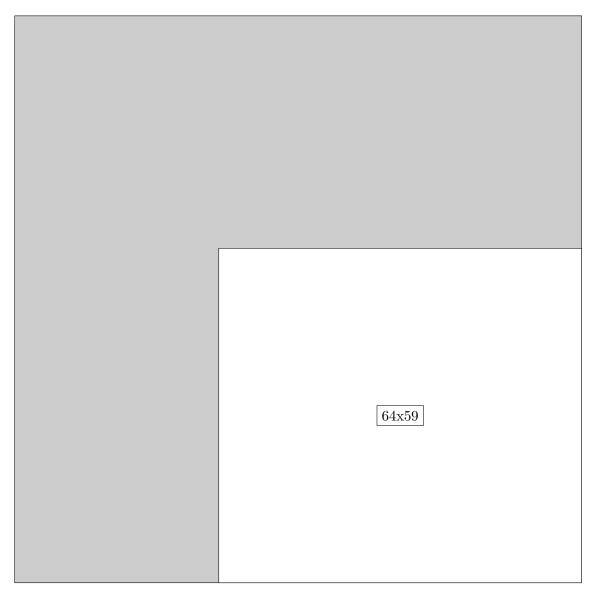
 $\le =73$  , h =58 , x =27 , y =0 , v =4234



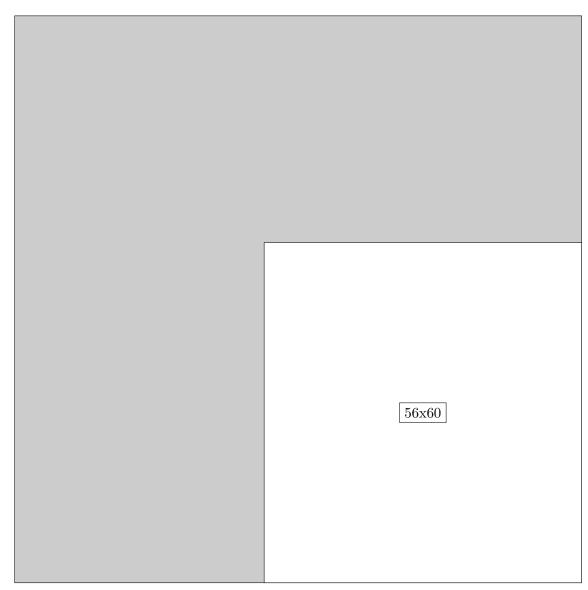
 $\le =81$  , h =53 , x =19 , y =0 , v =4293



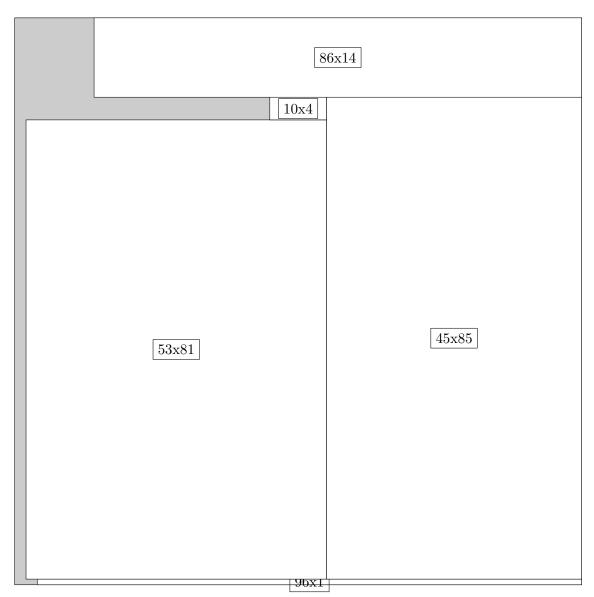
 $\le =88$  , h =52 , x =12 , y =0 , v =4576



 $\le =64$  , h =59 , x =36 , y =0 , v =3776



 $\le =56$  , h=60 , x=44 , y=0 , v=3360

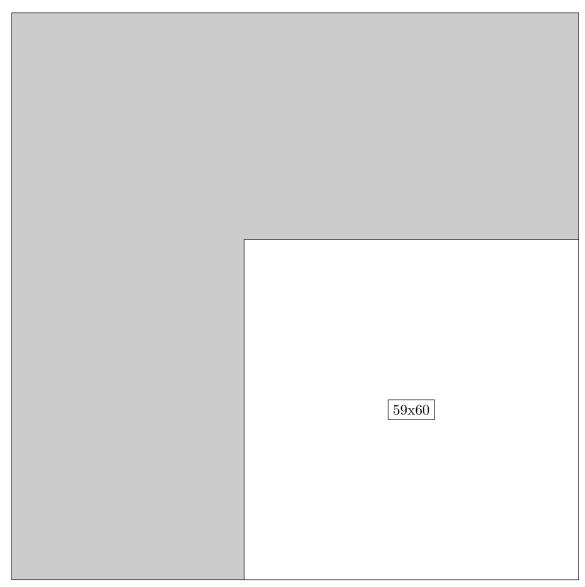


$$\le =96$$
 , h =1 , x =4 , y =0 , v =96

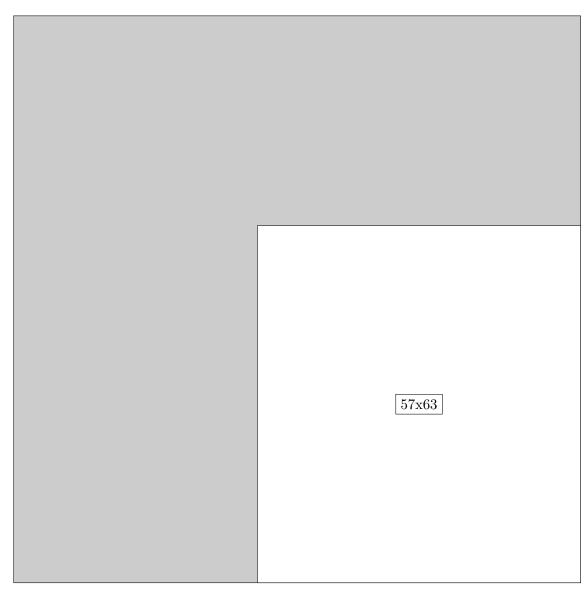
$$\mathbf{w}$$
 =45 , h =85 , x =55 , y =1 , v =3825

$$w = 53$$
,  $h = 81$ ,  $x = 2$ ,  $y = 1$ ,  $v = 4293$ 

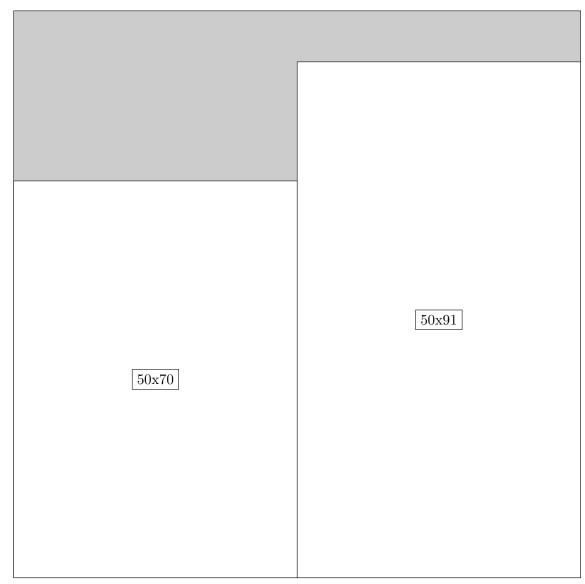
$$w=\!10$$
 ,  $h=\!4$  ,  $x=\!\!45$  ,  $y=\!\!82$  ,  $v=\!\!40$ 



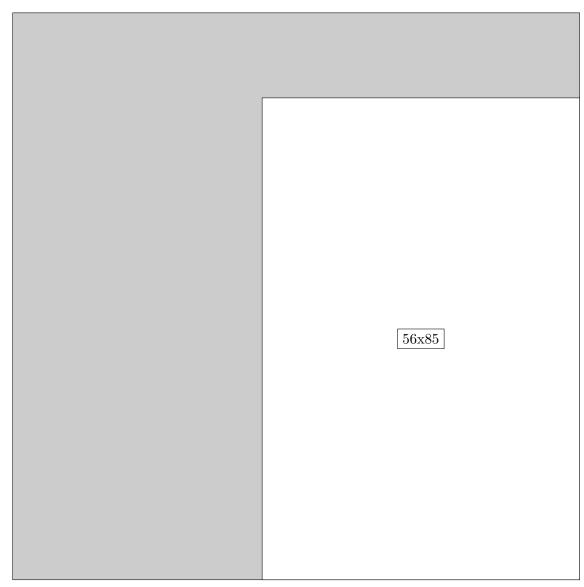
 $\le =59$  , h =60 , x =41 , y =0 , v =3540



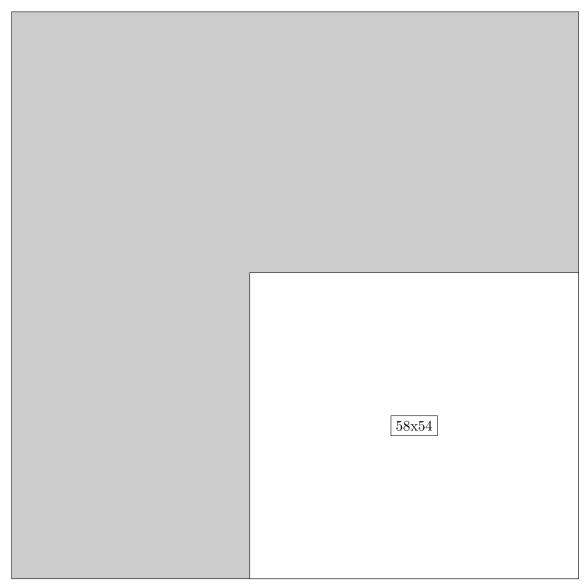
 $\le =57$  , h =63 , x =43 , y =0 , v =3591



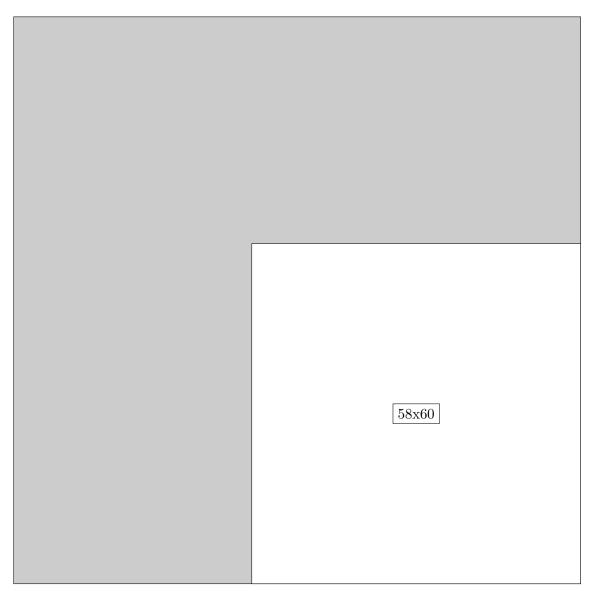
$$\begin{array}{l} w = \! 50 \ , \ h = \! 91 \ , \ x = \! 50 \ , \ y = \! 0 \ , \ v = \! 4550 \\ w = \! 50 \ , \ h = \! 70 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3500 \end{array}$$



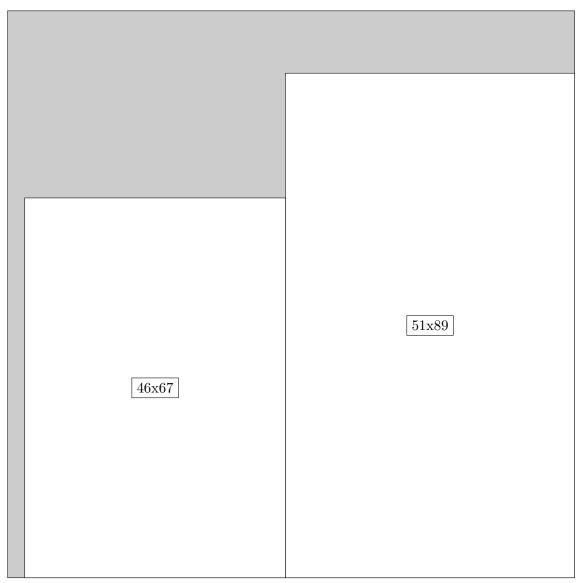
 $\le =56$  , h = 85 , x = 44 , y = 0 , v = 4760



 $\le =58$  , h =54 , x =42 , y =0 , v =3132



 $\le 58$  , h =60 , x =42 , y =0 , v =3480



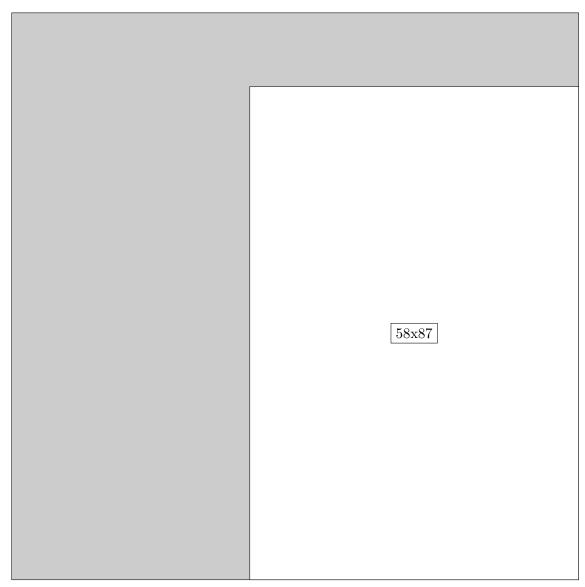
$$\begin{array}{l} w = \!\! 51 \ , \ h = \!\! 89 \ , \ x = \!\! 49 \ , \ y = \!\! 0 \ , \ v = \!\! 4539 \\ w = \!\! 46 \ , \ h = \!\! 67 \ , \ x = \!\! 3 \ , \ y = \!\! 0 \ , \ v = \!\! 3082 \end{array}$$

22x28	33x28
	58x71

$$\le 58$$
 , h =71 , x =42 , y =0 , v =4118

$$\le =33$$
 , h =28 , x =67 , y =71 , v =924

$$\le =22$$
 , h =28 , x =45 , y =71 , v =616



 $\le -58$  , h = 87 , x = 42 , y = 0 , v = 5046