${\bf ClassName:}\ {\bf Class_09.2bp\text{-}39}$

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

TypeNum: <u>78</u> Num: <u>80</u> OutS: <u>600000</u> InS: <u>389562</u> Rate: <u>0.649</u> UB: <u>60</u> LB0: <u>60</u> LB: <u>60</u>

LBWithCut: $\underline{\mathbf{60}}$ NodeCut: $\underline{\mathbf{0}}$

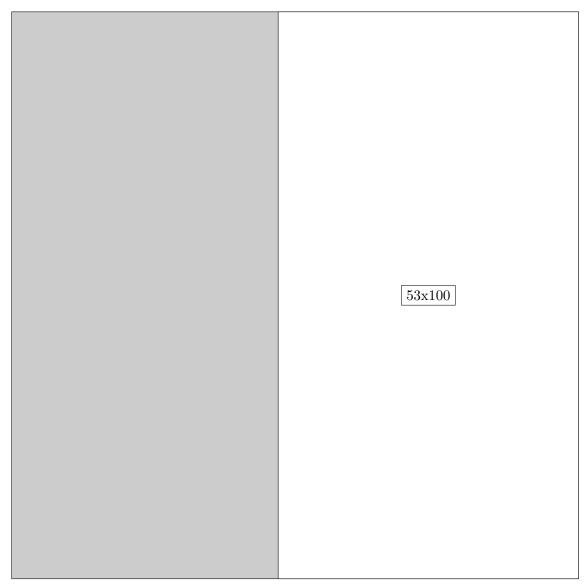
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{60}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

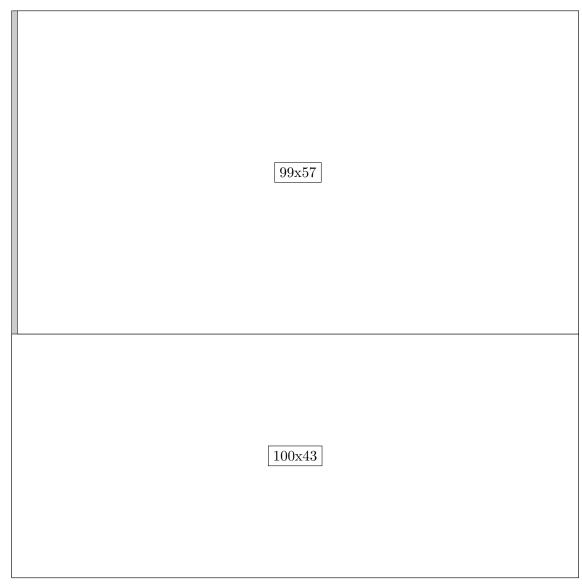
isOpt: $\underline{\mathbf{true}}$

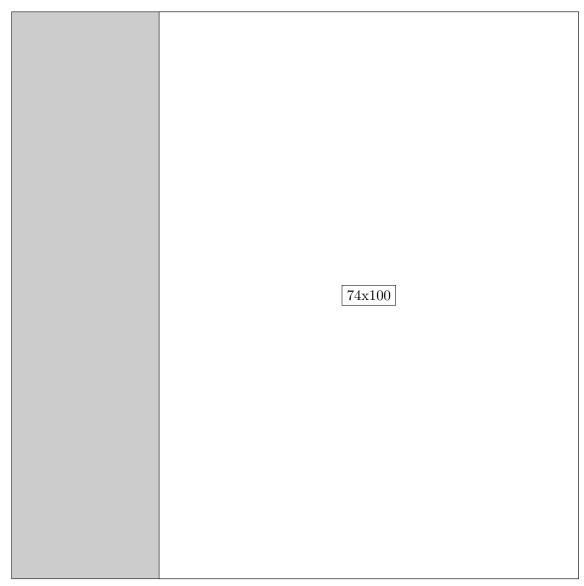
TimeOnInitSolution: $\underline{600.000 \text{ s}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 600.297 s

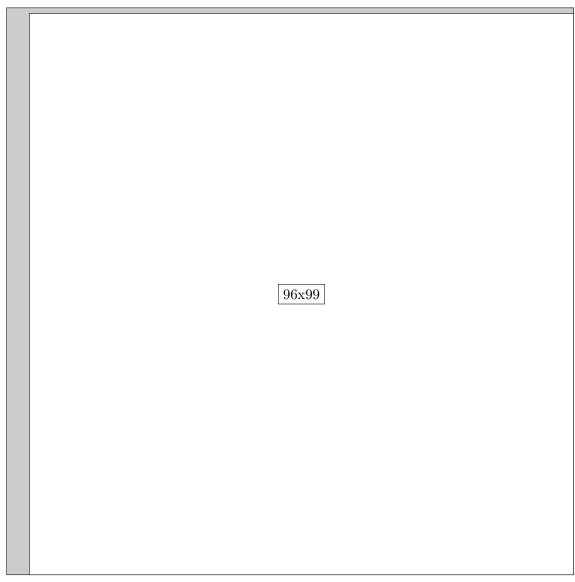


 $\le =53$, h =100 , x =47 , y =0 , v =5300

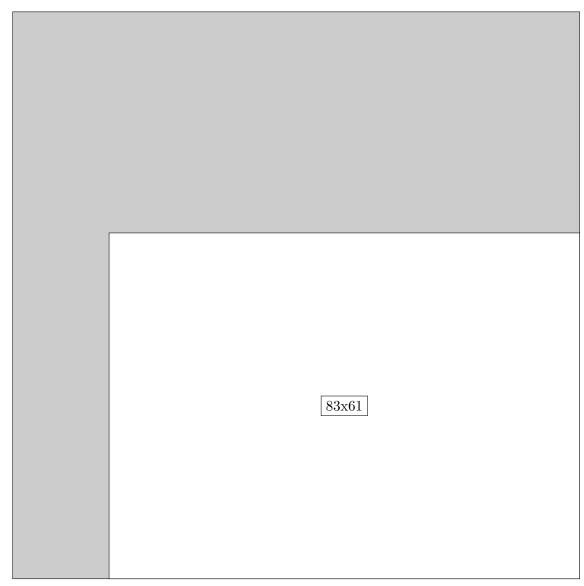




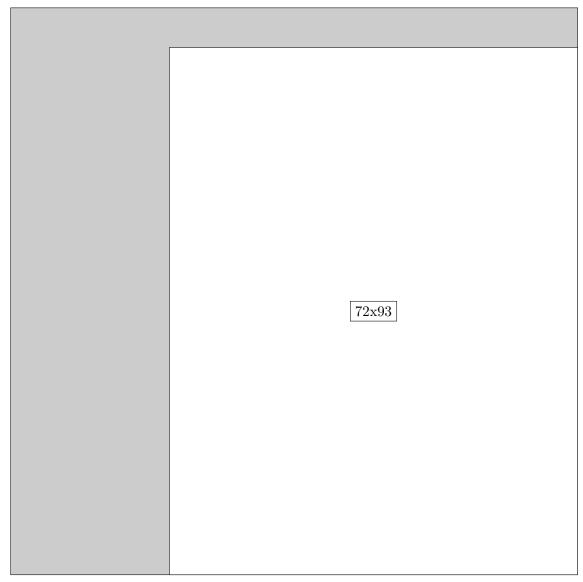
 $\le =74$, h =100 , x =26 , y =0 , v =7400



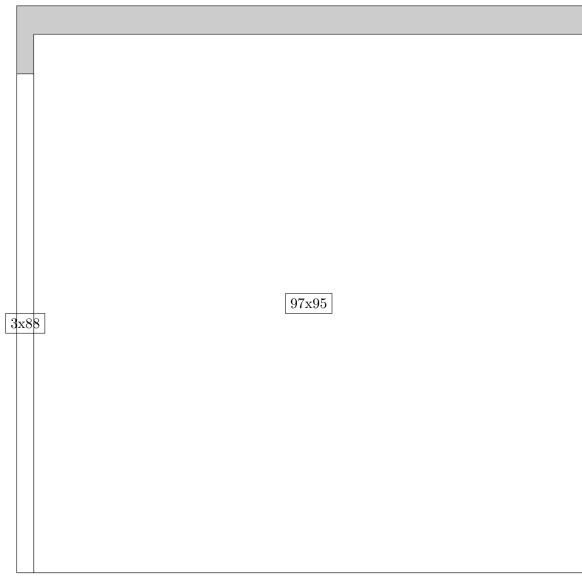
 $\le =96$, h =99 , x =4 , y =0 , v =9504



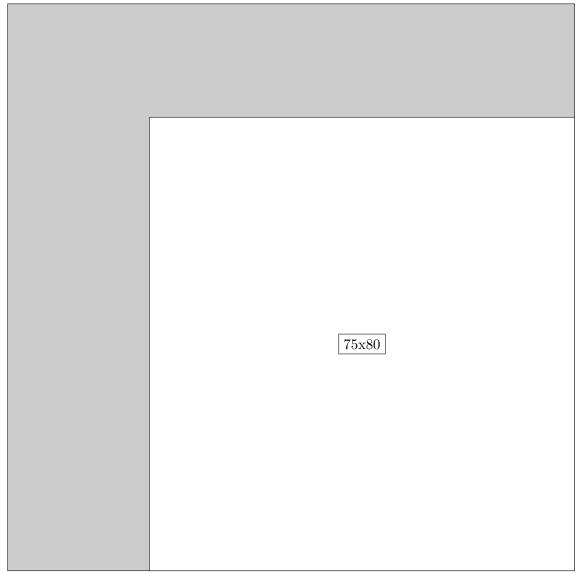
 $\le =83$, h =61 , x =17 , y =0 , v =5063



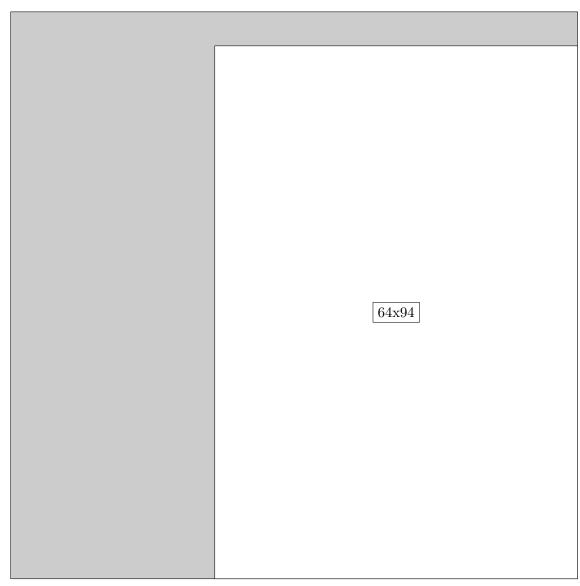
 $\le =72$, h =93 , x =28 , y =0 , v =6696



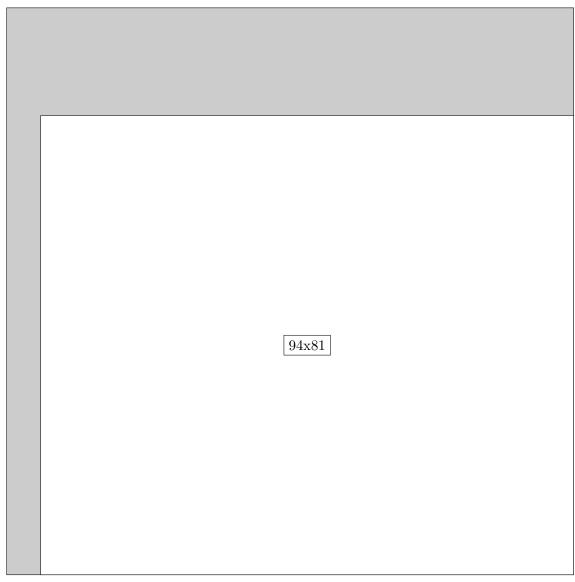
 $\begin{array}{l} w = \! 97 \ , \ h = \! 95 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 9215 \\ w = \! 3 \ , \ h = \! 88 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 264 \end{array}$



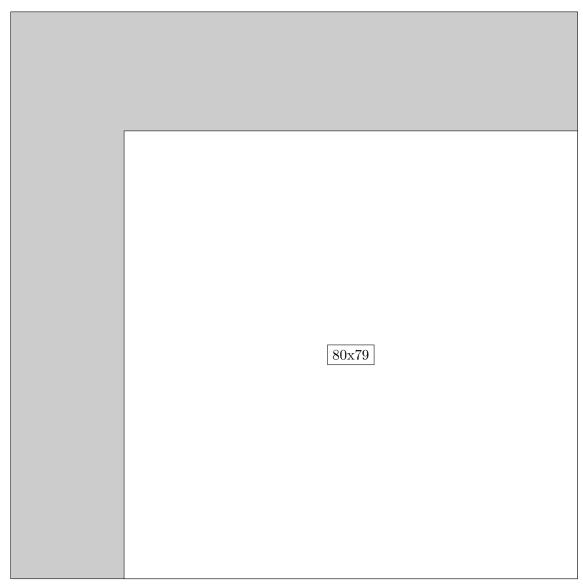
 $\le =75$, h =80 , x =25 , y =0 , v =6000



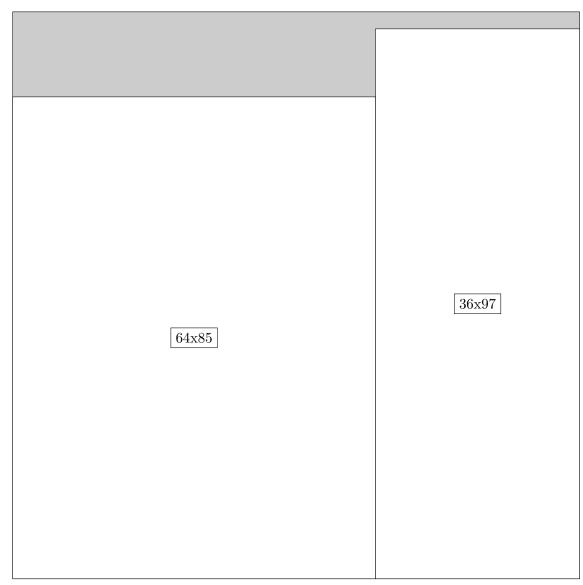
 $\le =64$, h =94 , x =36 , y =0 , v =6016

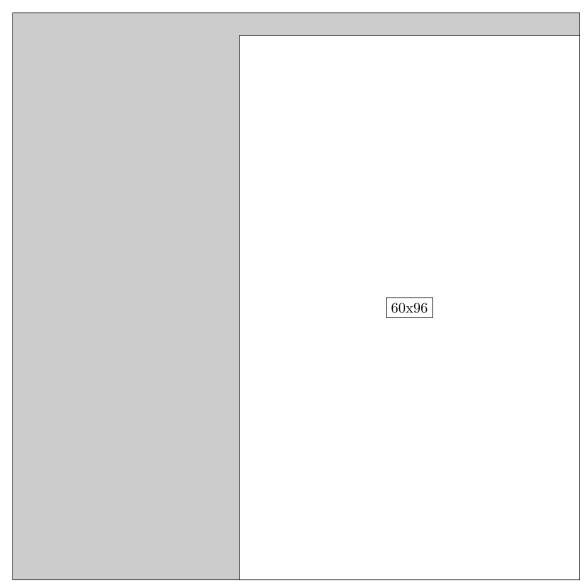


 $\le =94$, h =81 , x =6 , y =0 , v =7614

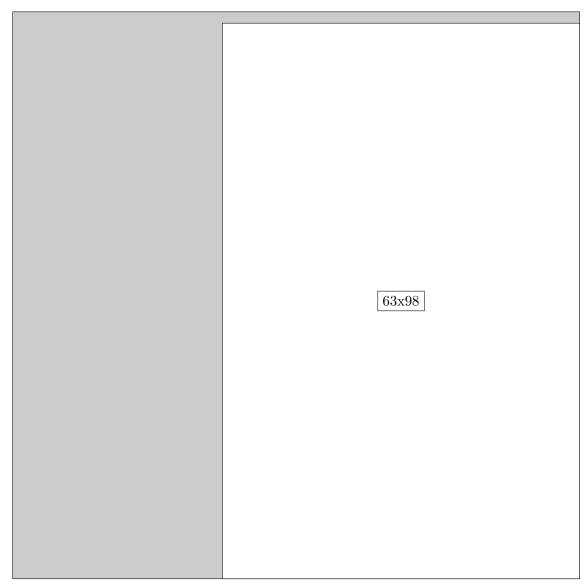


 $\le =80$, h =79 , x =20 , y =0 , v =6320

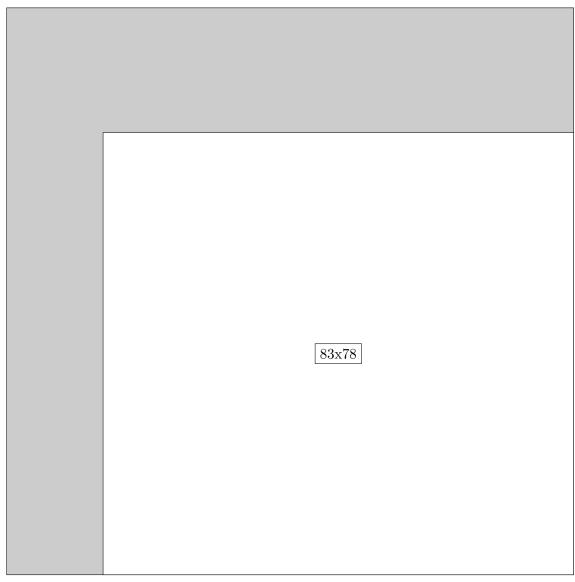




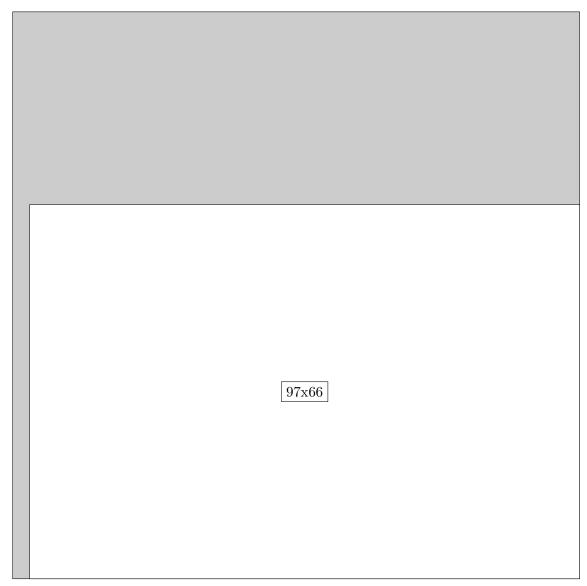
 $\le =60$, h =96 , x =40 , y =0 , v =5760



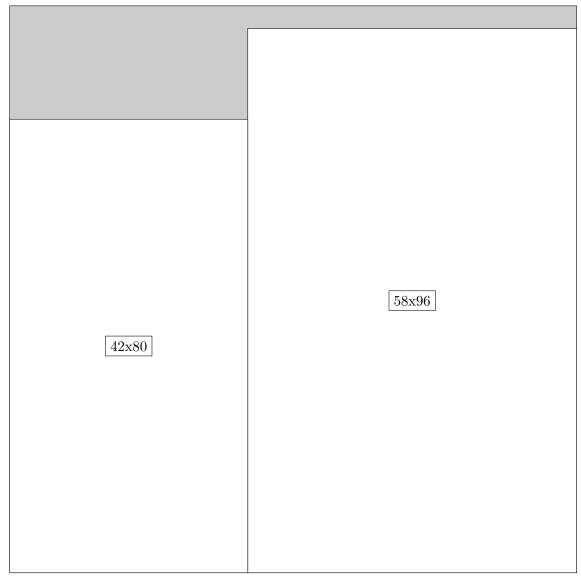
 $\le =63$, h =98 , x =37 , y =0 , v =6174

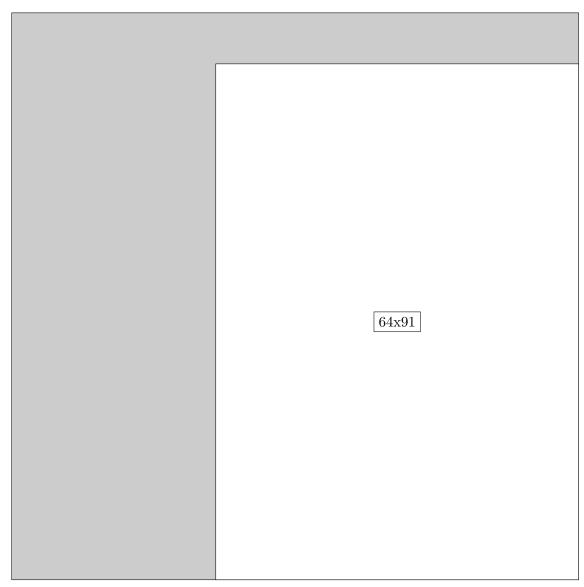


 $\le =83$, h =78 , x =17 , y =0 , v =6474

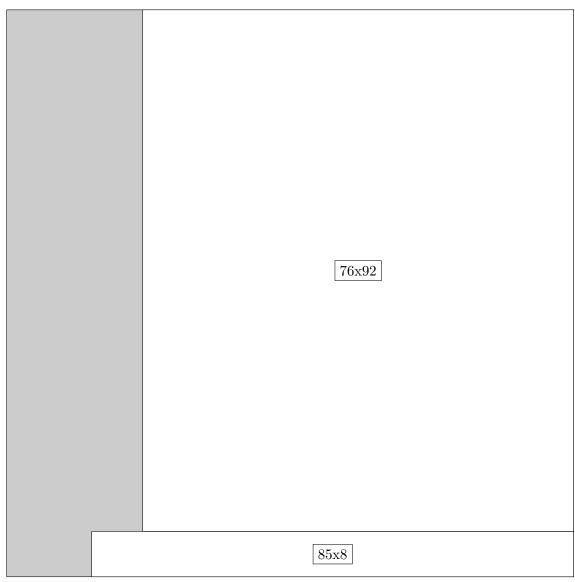


 ≤ -97 , h =66 , x =3 , y =0 , v =6402

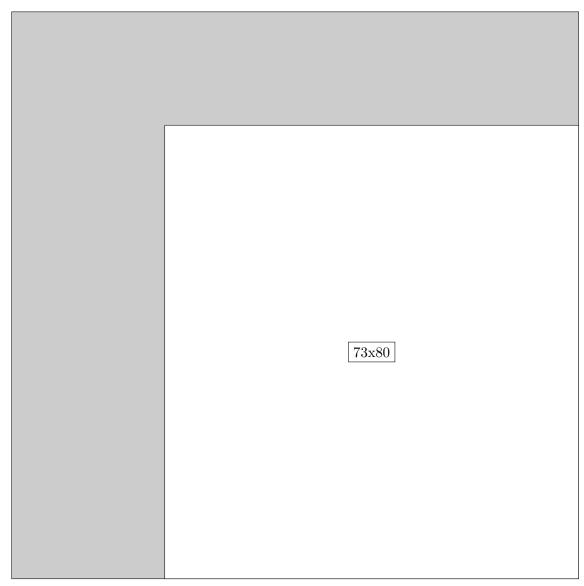




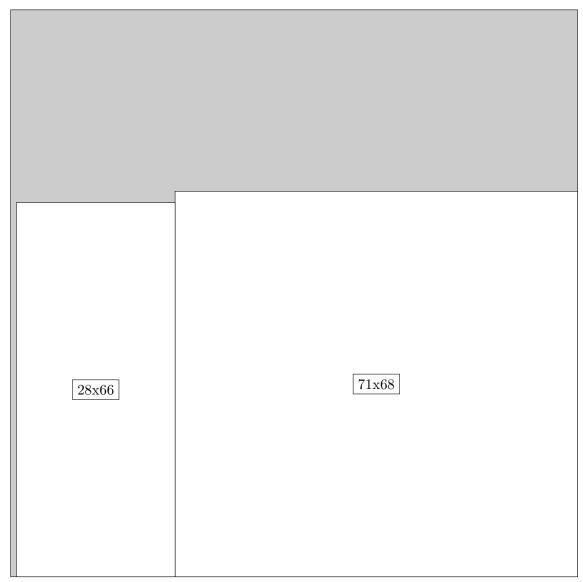
 $\le =64$, h=91 , x=36 , y=0 , v=5824



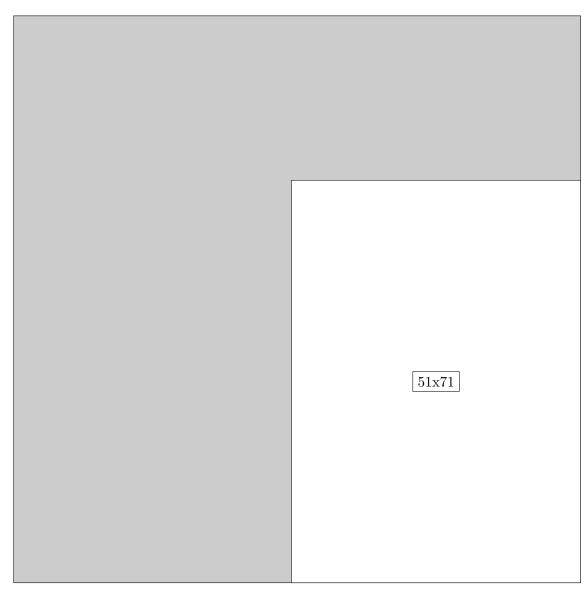
$$\begin{array}{l} w = \! 85 \ , \ h = \! 8 \ , \ x = \! 15 \ , \ y = \! 0 \ , \ v = \! 680 \\ w = \! 76 \ , \ h = \! 92 \ , \ x = \! 24 \ , \ y = \! 8 \ , \ v = \! 6992 \end{array}$$



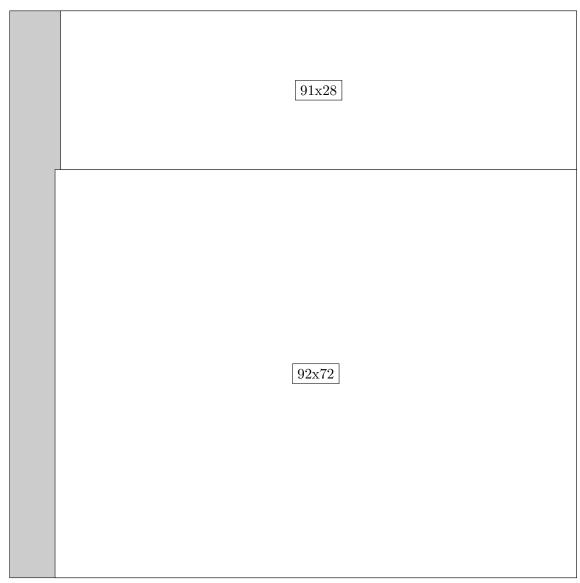
 $\le =73$, h =80 , x =27 , y =0 , v =5840

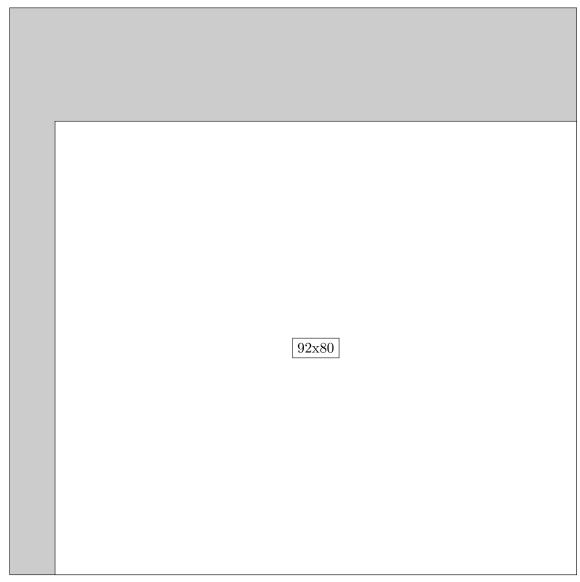


$$\begin{array}{l} w = \!\! 71 \ , \ h = \!\! 68 \ , \ x = \!\! 29 \ , \ y = \!\! 0 \ , \ v = \!\! 4828 \\ w = \!\! 28 \ , \ h = \!\! 66 \ , \ x = \!\! 1 \ , \ y = \!\! 0 \ , \ v = \!\! 1848 \end{array}$$

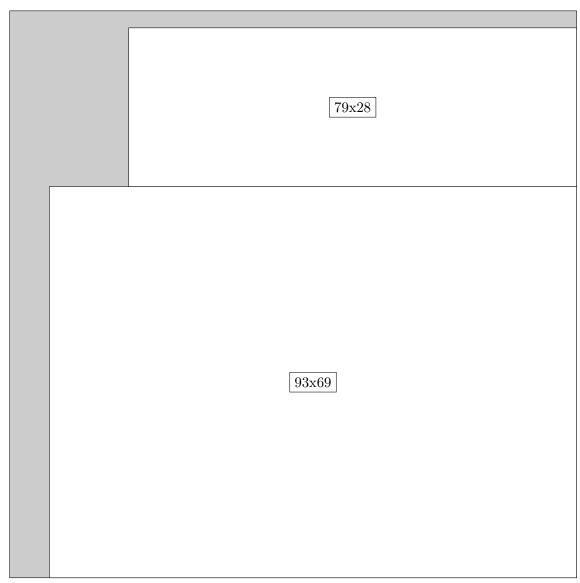


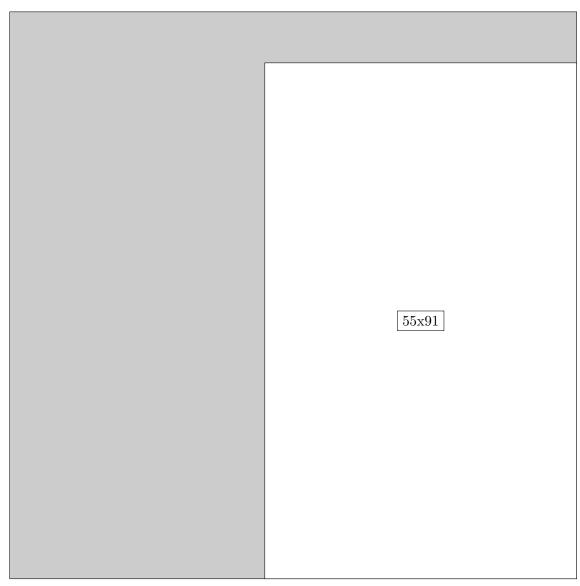
 $\le =51$, h =71 , x =49 , y =0 , v =3621



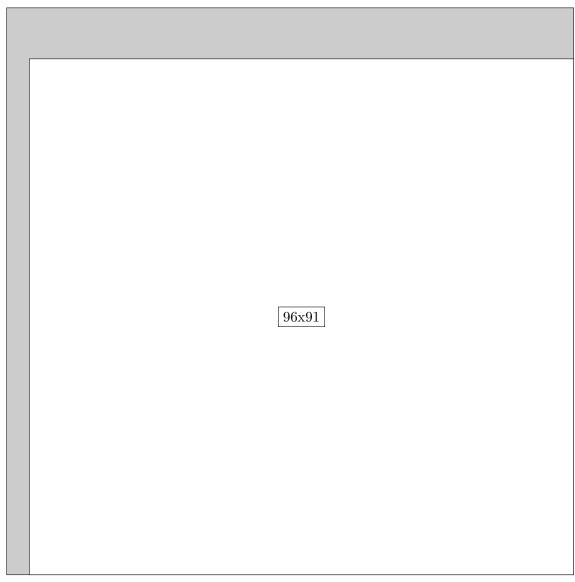


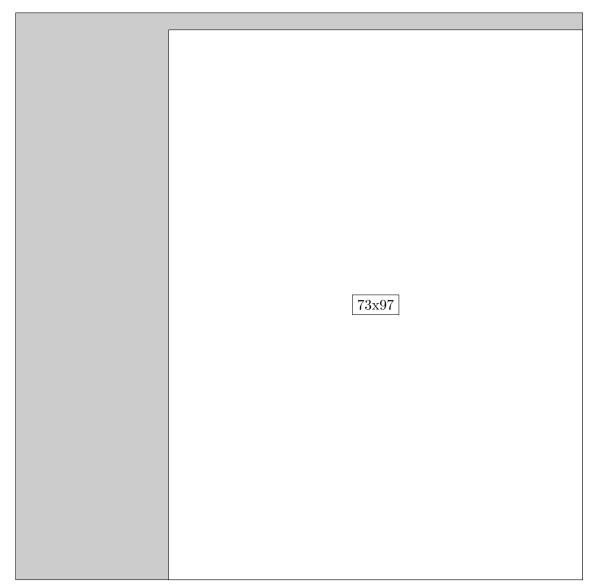
 $\le =92$, h $=\!80$, x $=\!8$, y $=\!0$, v $=\!7360$



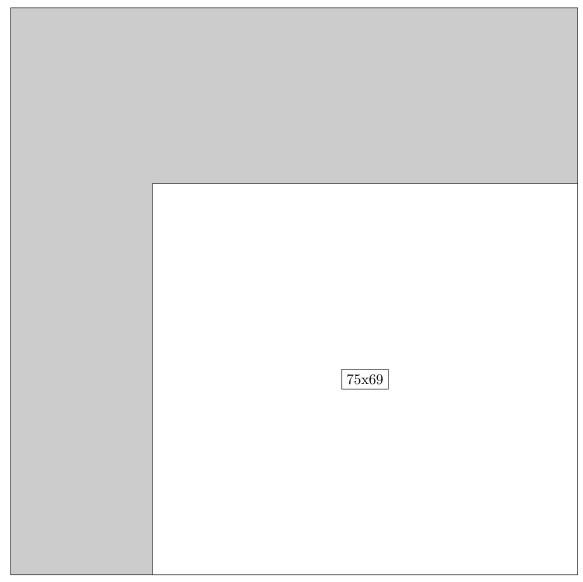


 ≤ -55 , h =91 , x =45 , y =0 , v =5005

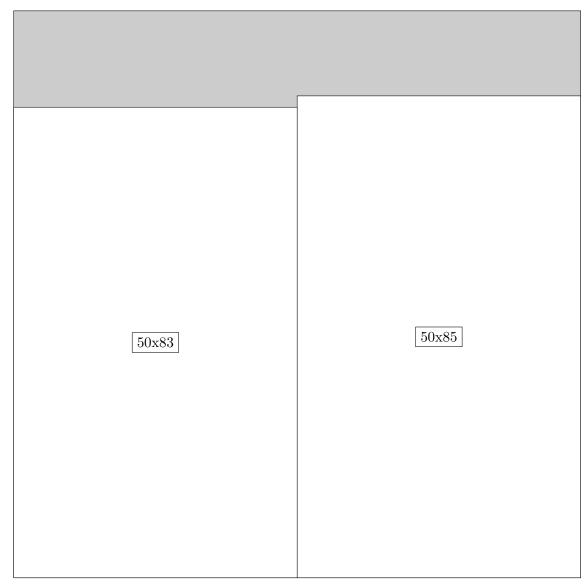




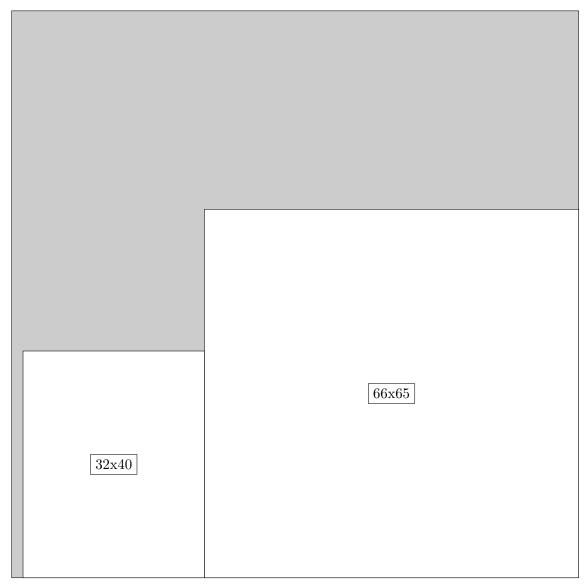
 $\le =73$, h =97 , x =27 , y =0 , v =7081



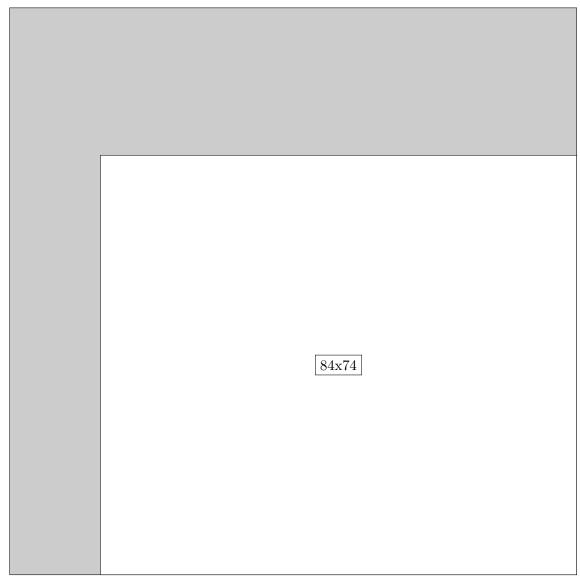
 $\le =75$, h =69 , x =25 , y =0 , v =5175



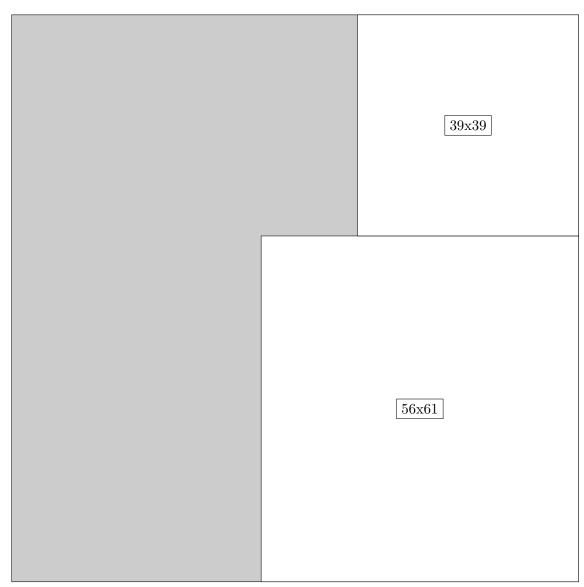
$$\begin{array}{l} w = \! 50 \ , \ h = \! 85 \ , \ x = \! 50 \ , \ y = \! 0 \ , \ v = \! 4250 \\ w = \! 50 \ , \ h = \! 83 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4150 \end{array}$$



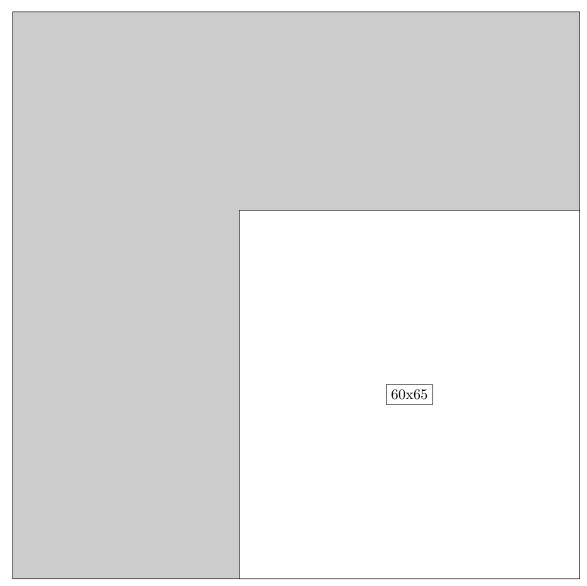
$$\begin{array}{l} w = \! 66 \ , \ h = \! 65 \ , \ x = \! 34 \ , \ y = \! 0 \ , \ v = \! 4290 \\ w = \! 32 \ , \ h = \! 40 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 1280 \end{array}$$



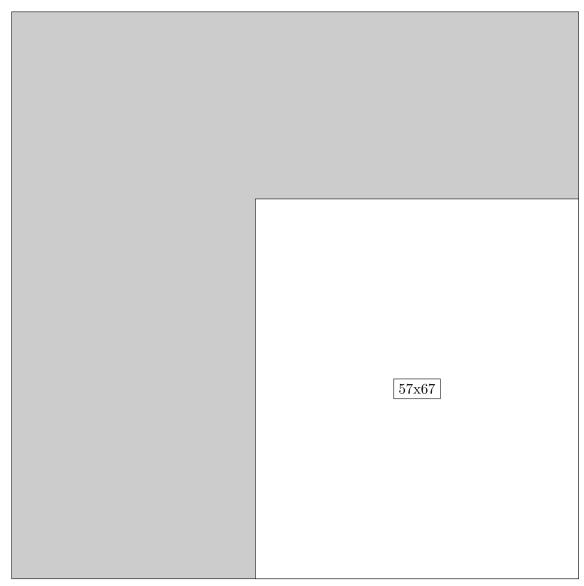
 $\le =84$, h =74 , x =16 , y =0 , v =6216



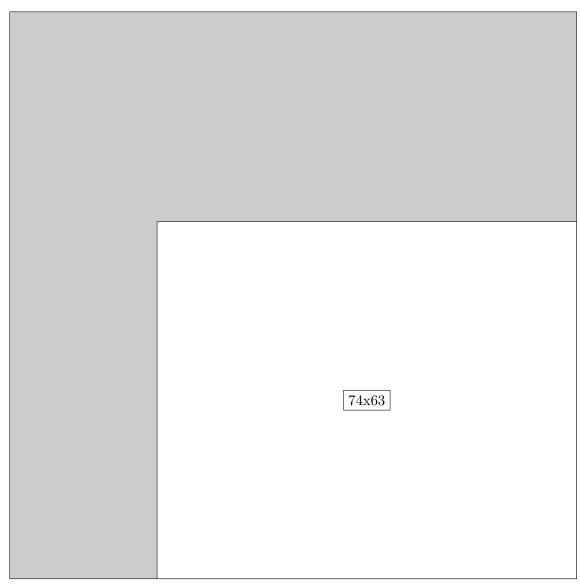
 $\begin{array}{l} w = \!\! 56 \ , \, h = \!\! 61 \ , \, x = \!\! 44 \ , \, y = \!\! 0 \ , \, v = \!\! 3416 \\ w = \!\! 39 \ , \, h = \!\! 39 \ , \, x = \!\! 61 \ , \, y = \!\! 61 \ , \, v = \!\! 1521 \end{array}$



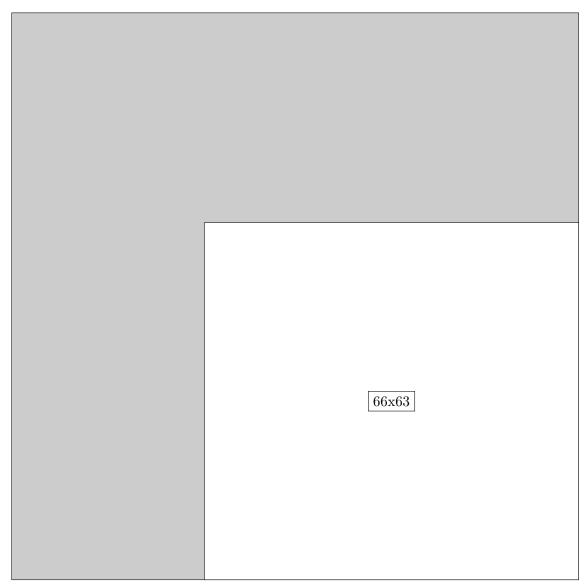
 $\le =60$, h=65 , $x=\!40$, $y=\!0$, $v=\!3900$



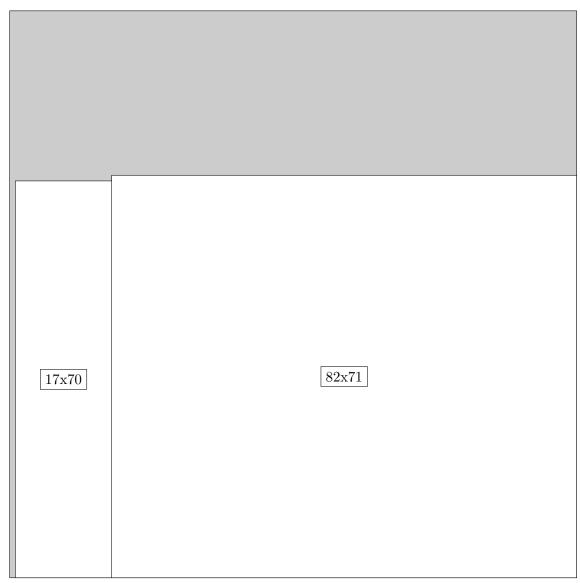
 ≤ 57 , h =67 , x =43 , y =0 , v =3819



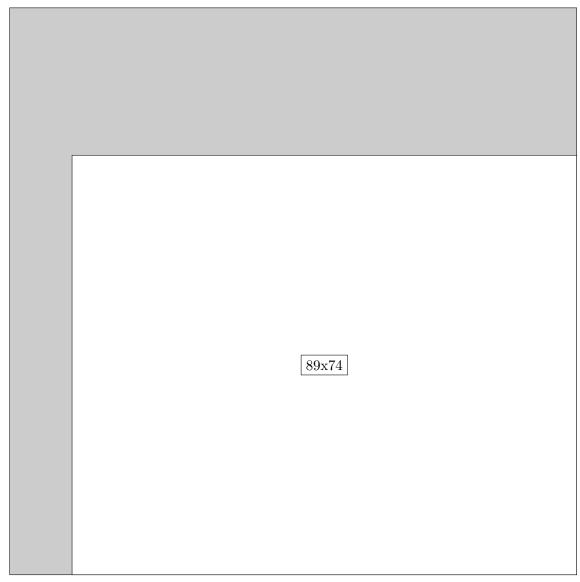
 $\le =74$, h =63 , x =26 , y =0 , v =4662



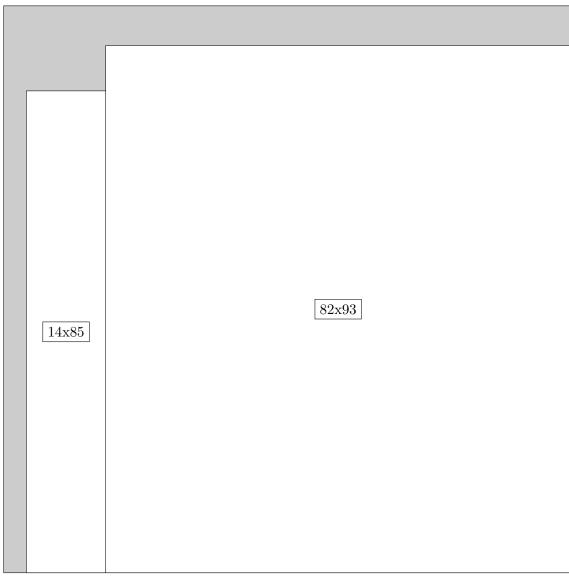
 $\le =66$, h=63 , x=34 , y=0 , v=4158



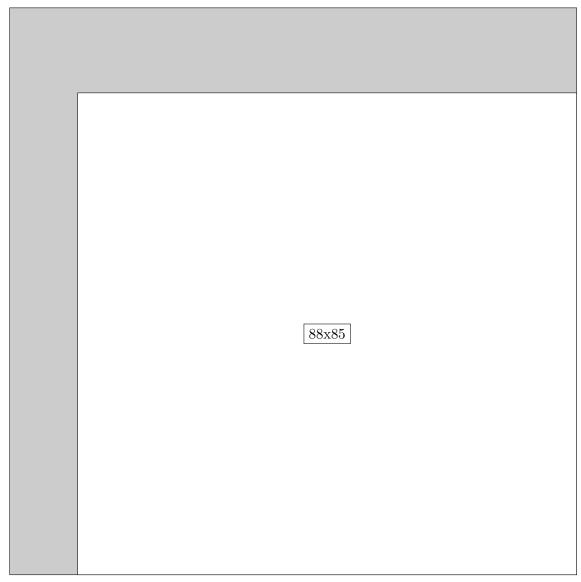
$$\begin{array}{l} w = \! 82 \ , \ h = \! 71 \ , \ x = \! 18 \ , \ y = \! 0 \ , \ v = \! 5822 \\ w = \! 17 \ , \ h = \! 70 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 1190 \end{array}$$



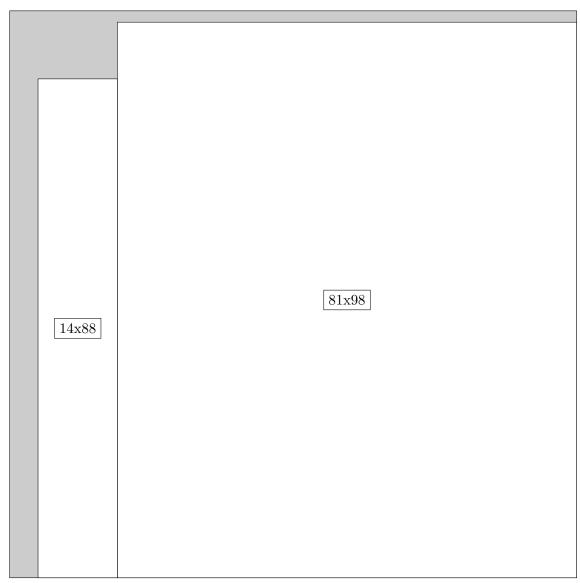
 $\le =89$, h =74 , x =11 , y =0 , v =6586



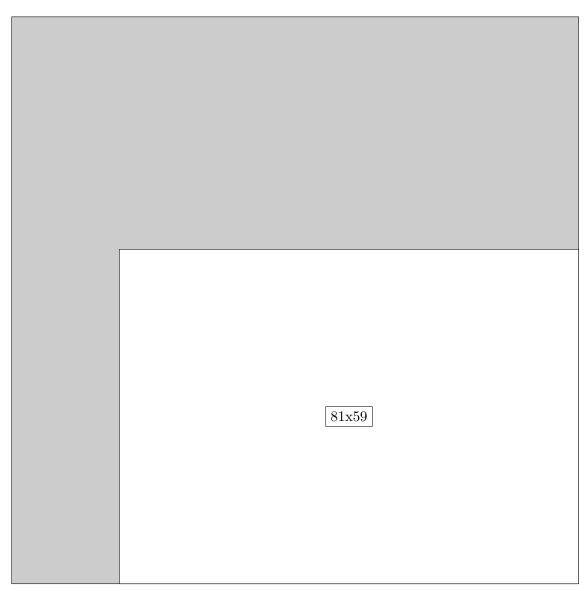
$$\begin{array}{l} w = \! 82 \ , \ h = \! 93 \ , \ x = \! 18 \ , \ y = \! 0 \ , \ v = \! 7626 \\ w = \! 14 \ , \ h = \! 85 \ , \ x = \! 4 \ , \ y = \! 0 \ , \ v = \! 1190 \end{array}$$



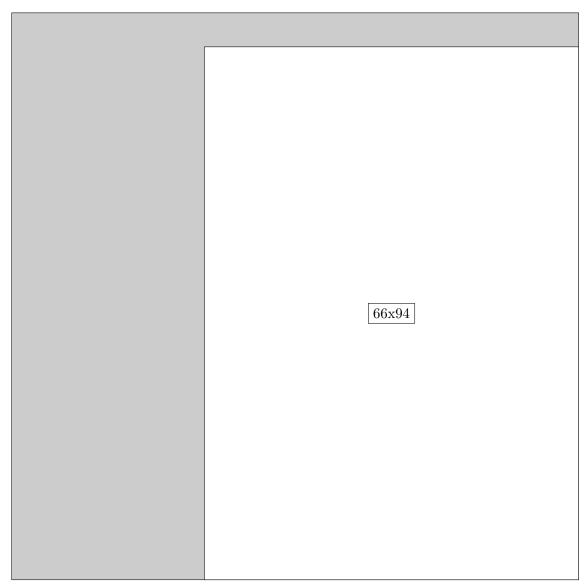
 $\le =88$, h =85 , x =12 , y =0 , v =7480



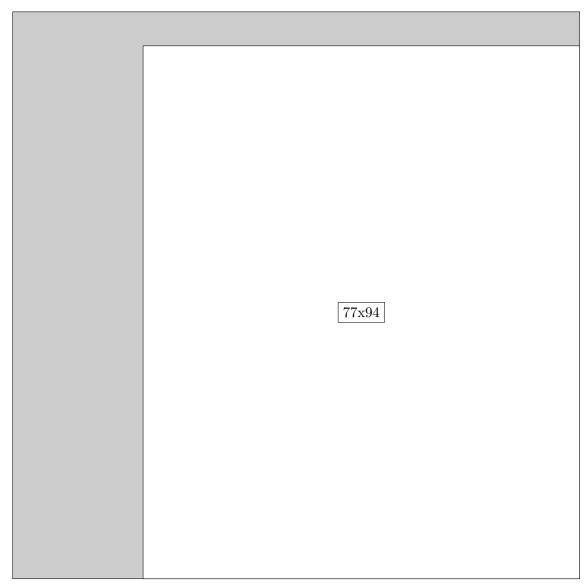
 $\begin{array}{l} w = \! 81 \ , \ h = \! 98 \ , \ x = \! 19 \ , \ y = \! 0 \ , \ v = \! 7938 \\ w = \! 14 \ , \ h = \! 88 \ , \ x = \! 5 \ , \ y = \! 0 \ , \ v = \! 1232 \end{array}$



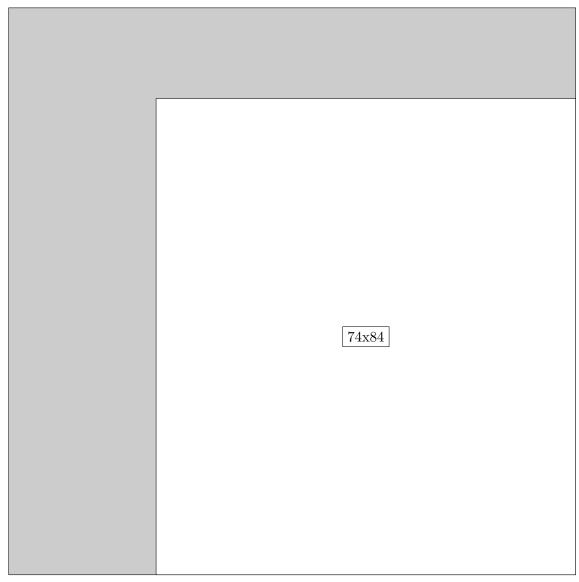
 $\le =81$, h =59 , x =19 , y =0 , v =4779



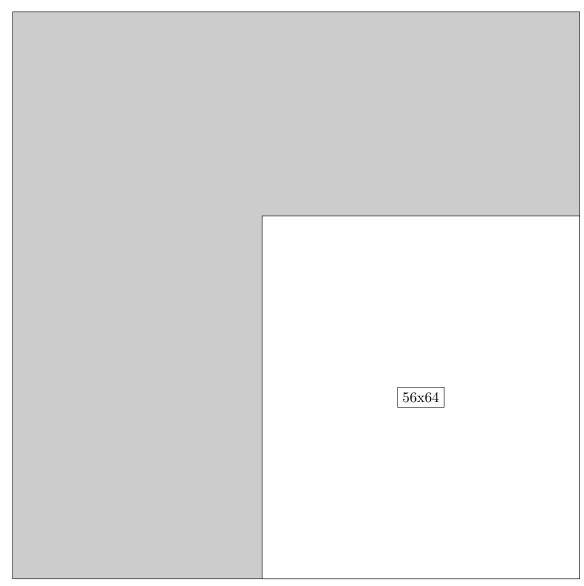
 $\le =66$, h =94 , x =34 , y =0 , v =6204



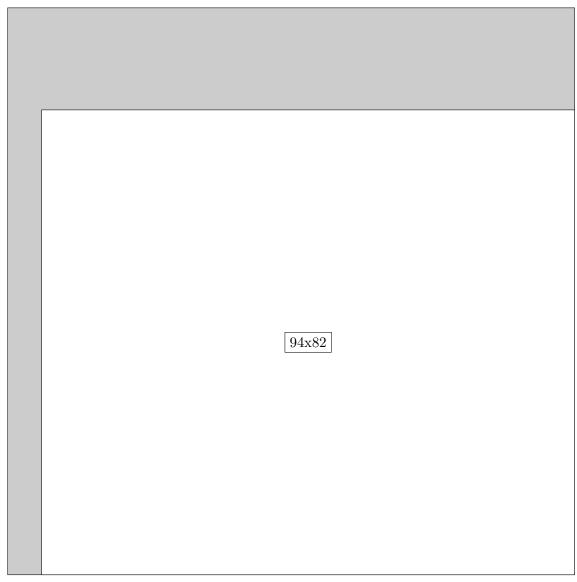
 $\le =77$, h =94 , x =23 , y =0 , v =7238



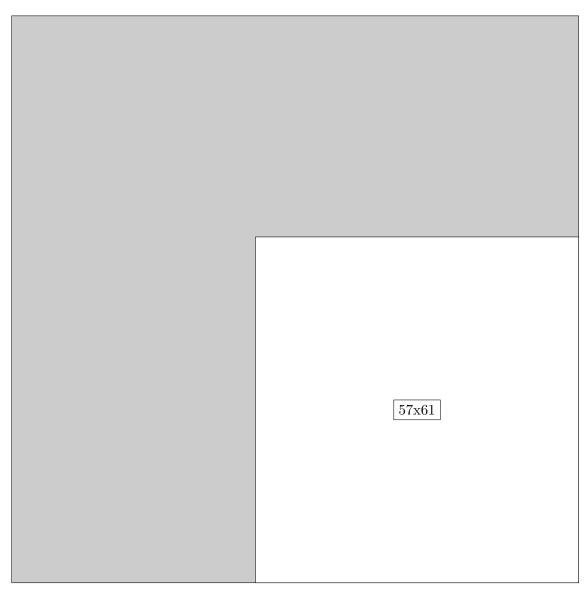
 $\le =74$, h =84 , x =26 , y =0 , v =6216



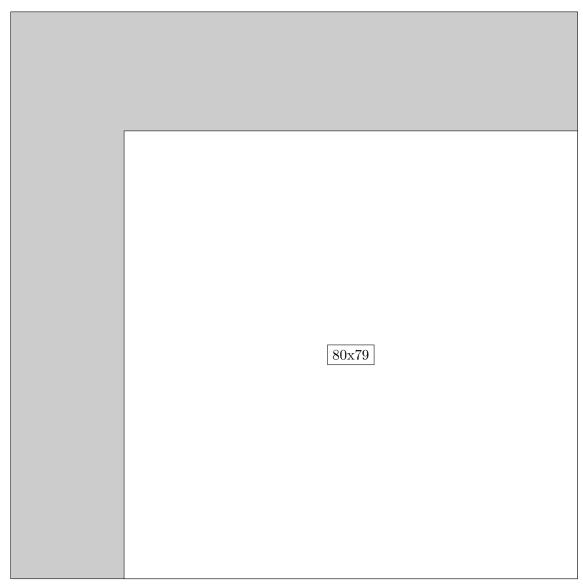
 $\le =56$, h=64 , x=44 , y=0 , v=3584



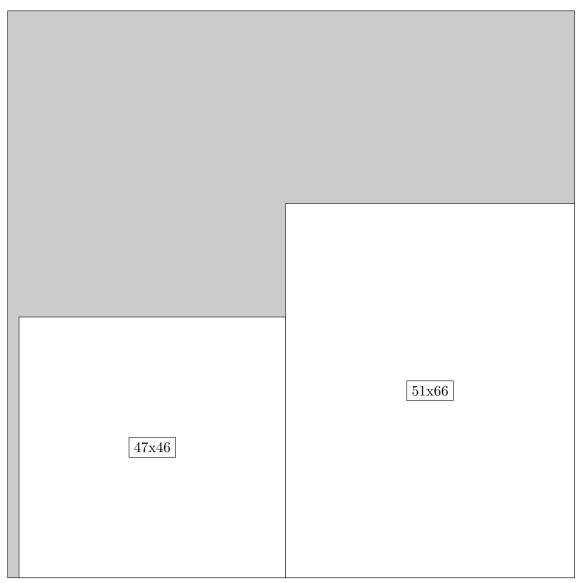
 $\le =94$, h =82 , x =6 , y =0 , v =7708

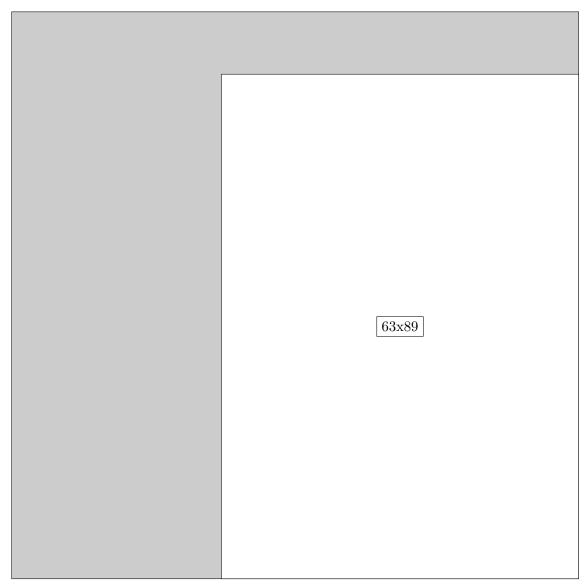


 $\le =57$, h =61 , x =43 , y =0 , v =3477

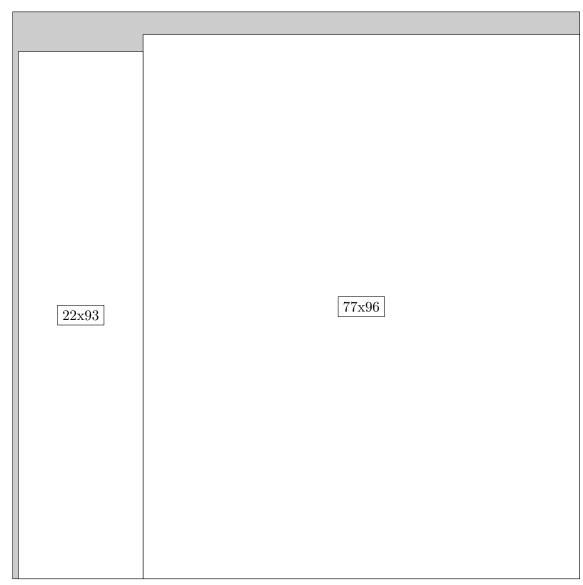


 $\le =80$, h =79 , x =20 , y =0 , v =6320

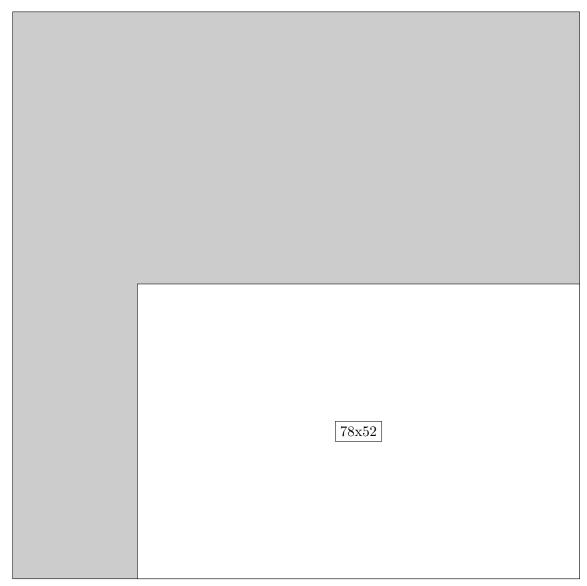




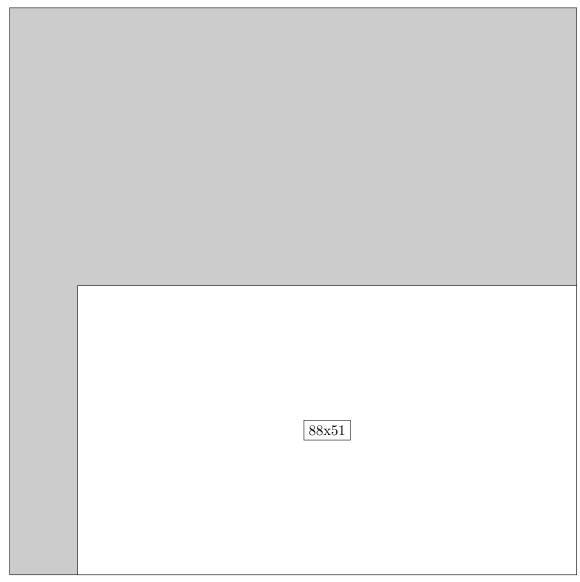
 $\le =63$, h =89 , x =37 , y =0 , v = 5607



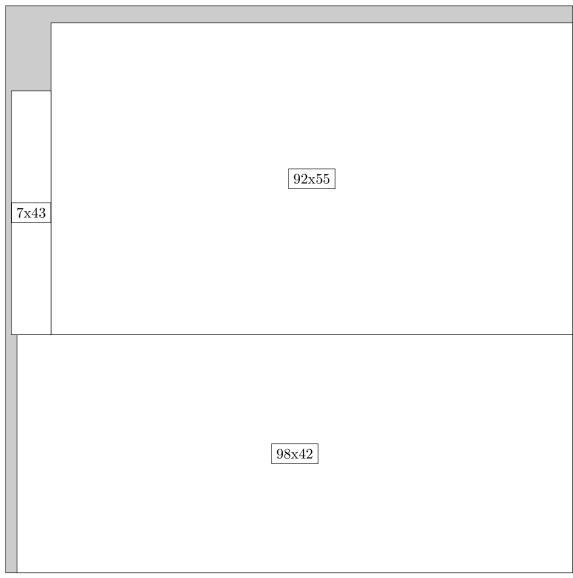




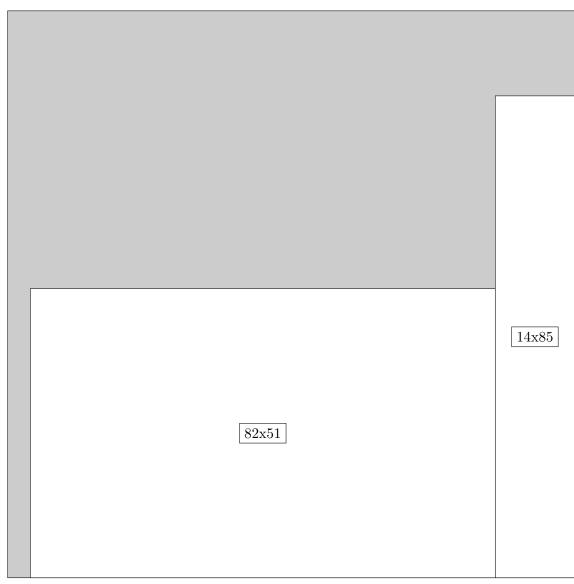
 ≤ -78 , h = 52 , x = 22 , y = 0 , v = 4056



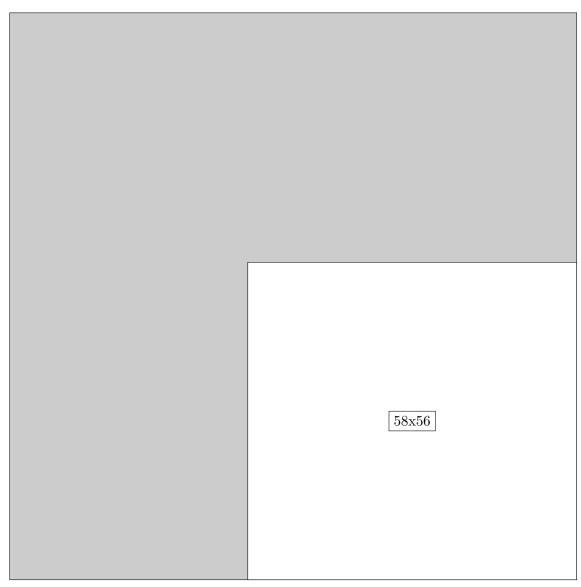
 $\le =88$, h =51 , x =12 , y =0 , v =4488



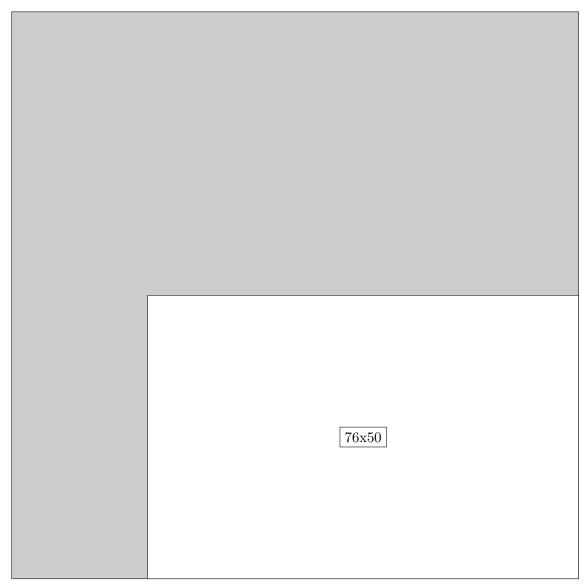
$$\begin{array}{l} w = \! 98 \ , \ h = \! 42 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 4116 \\ w = \! 92 \ , \ h = \! 55 \ , \ x = \! 8 \ , \ y = \! 42 \ , \ v = \! 5060 \\ w = \! 7 \ , \ h = \! 43 \ , \ x = \! 1 \ , \ y = \! 42 \ , \ v = \! 301 \end{array}$$



$$\begin{array}{l} w = \! 14 \ , \ h = \! 85 \ , \ x = \! 86 \ , \ y = \! 0 \ , \ v = \! 1190 \\ w = \! 82 \ , \ h = \! 51 \ , \ x = \! 4 \ , \ y = \! 0 \ , \ v = \! 4182 \end{array}$$



 ≤ 58 , h = 56 , x = 42 , y = 0 , v = 3248



 $\le =76$, h =50 , x =24 , y =0 , v =3800