$ClassName: \ Class_09.2bp-28$

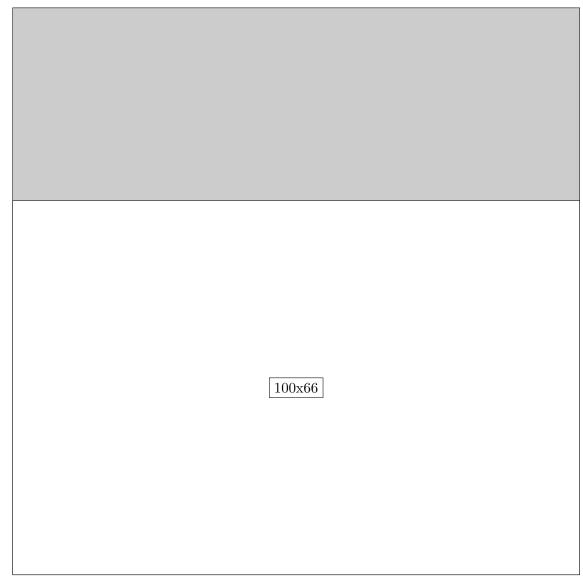
BinSize: $\underline{100 \times 100}$ ReduceSize: $\underline{100 \times 100}$

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>450000</u> InS: <u>269621</u> Rate: <u>0.599</u> UB: <u>45</u> LB: <u>45</u>

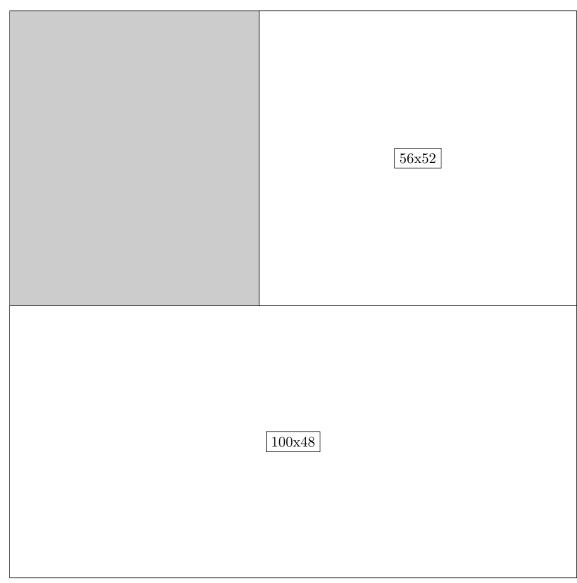
LBWithCut: $\underline{45}$ NodeCount: $\underline{0}$ PrimalNode: $\underline{0}$ ColumnCount: $\underline{45}$ TotalCutCount: $\underline{0}$ RootCutCount: $\underline{0}$ LPSolverCnt: $\underline{1}$ PricingSolverCnt: $\underline{0}$ BranchAndBoundNum: $\underline{1}$

isOpt: **true**

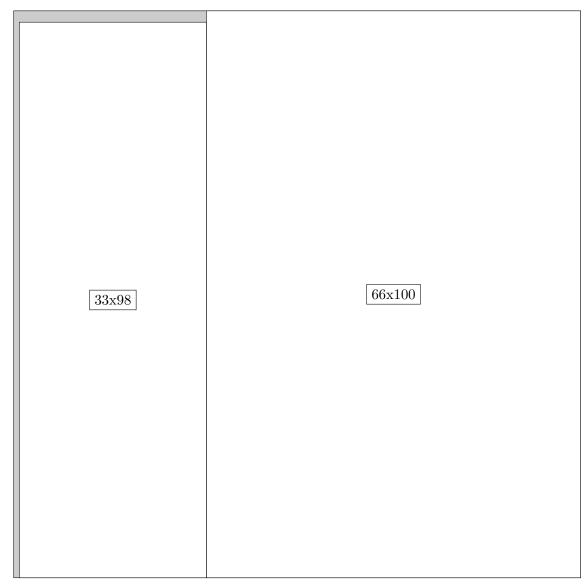
 $\begin{array}{ll} \text{TimeOnPrimal: } \underline{0.000 \text{ s}} \\ \text{TimeOnPricing: } \underline{0.000 \text{ s}} \\ \text{TimeOnRmp: } \underline{0.062 \text{ s}} \\ \text{TotalTime: } \underline{0.187 \text{ s}} \end{array}$



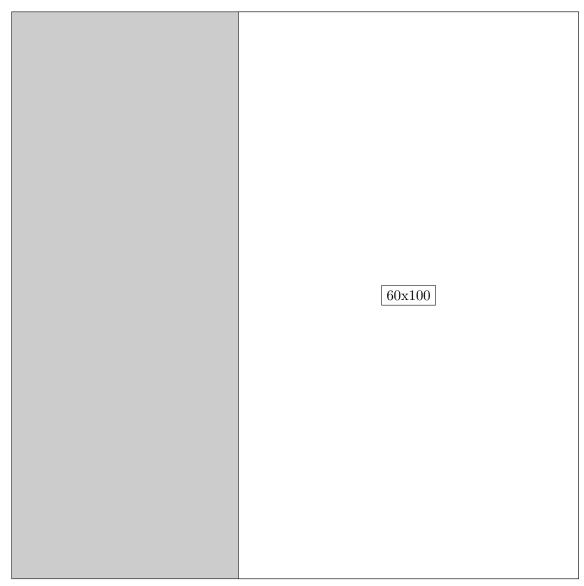
 ≤ 100 , h =66 , x =0 , y =0 , v =6600



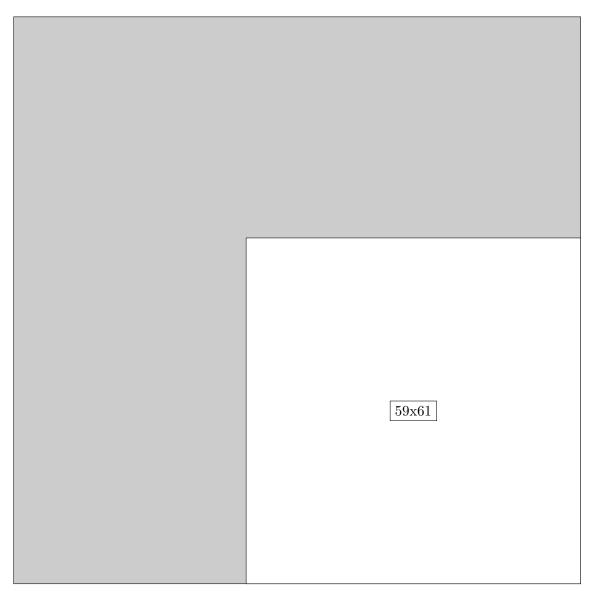
$$\begin{array}{c} w = 100 \; , \; h = \!\!\! 48 \; , \; x = \!\!\! 0 \; , \; y = \!\!\! 0 \; , \; v = \!\!\! 4800 \\ w = \!\!\! 56 \; , \; h = \!\!\! 52 \; , \; x = \!\!\! 44 \; , \; y = \!\!\! 48 \; , \; v = \!\!\! 2912 \\ \end{array}$$



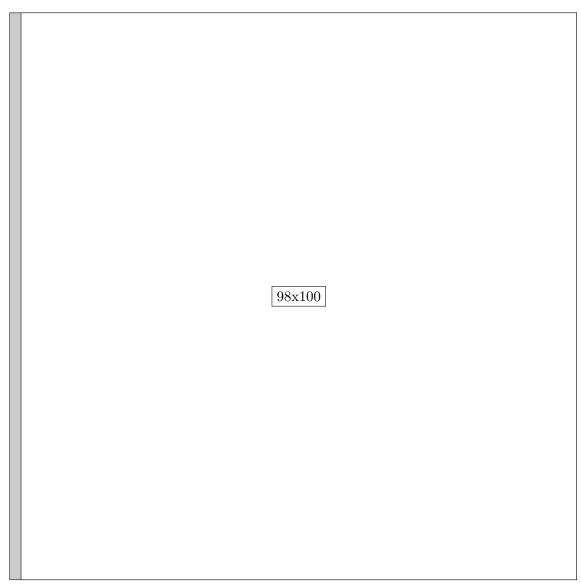
 $\begin{array}{l} w = \!\!\! 66 \; , \; h = \!\!\! 100 \; , \; x = \!\!\! 34 \; , \; y = \!\!\! 0 \; , \; v = \!\!\! 6600 \\ w = \!\!\! 33 \; , \; h = \!\!\! 98 \; , \; x = \!\!\! 1 \; , \; y = \!\!\! 0 \; , \; v = \!\!\! 3234 \\ \end{array}$



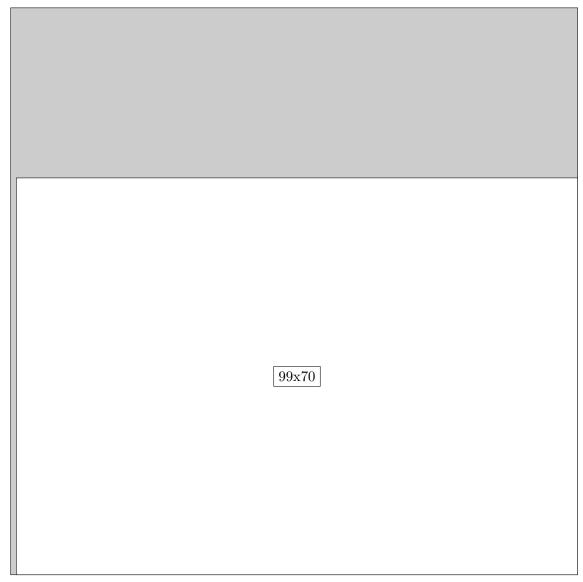
 \mathbf{w} =60 , h =100 , x =40 , y =0 , v =6000



 $\le =59$, h =61 , x =41 , y =0 , v =3599



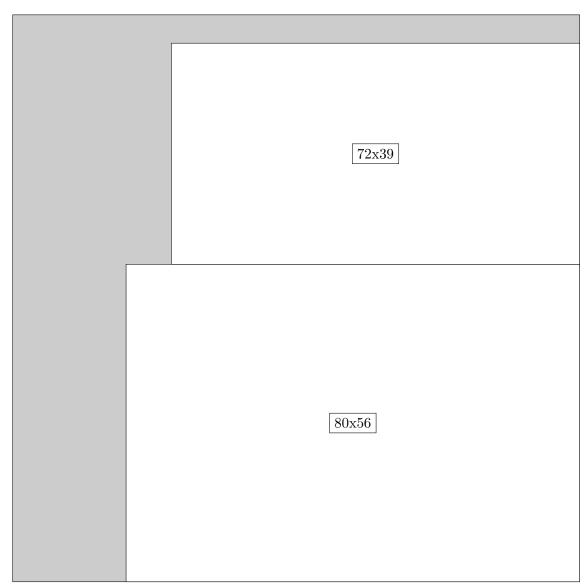
 $\le =98$, h =100 , x =2 , y =0 , v =9800



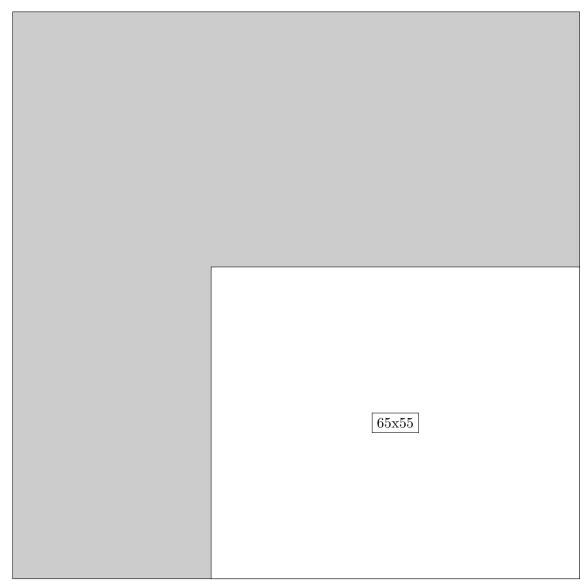
 $\le =99$, h =70 , x =1 , y =0 , v =6930



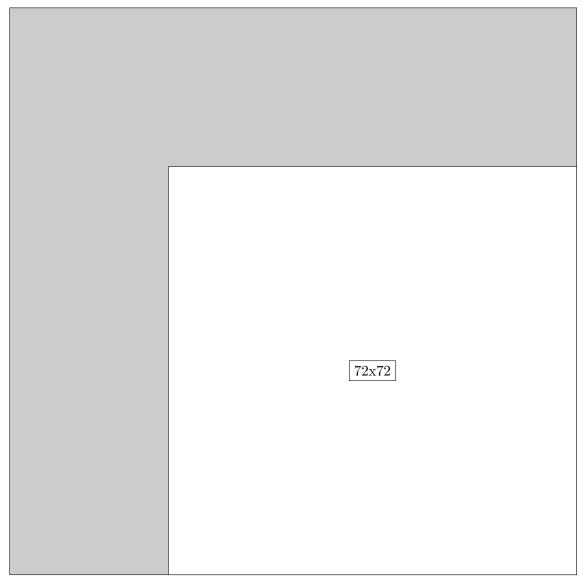
$$\begin{array}{l} w = \! 81 \ , \, h = \! 63 \ , \, x = \! 19 \ , \, y = \! 0 \ , \, v = \! 5103 \\ w = \! 78 \ , \, h = \! 36 \ , \, x = \! 22 \ , \, y = \! 63 \ , \, v = \! 2808 \end{array}$$



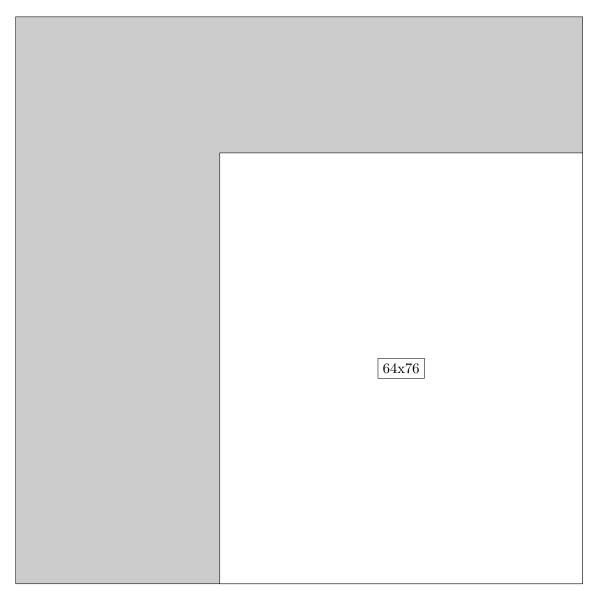
$$\begin{array}{l} w = \! 80 \ , \, h = \! 56 \ , \, x = \! 20 \ , \, y = \! 0 \ , \, v = \! 4480 \\ w = \! 72 \ , \, h = \! 39 \ , \, x = \! 28 \ , \, y = \! 56 \ , \, v = \! 2808 \end{array}$$



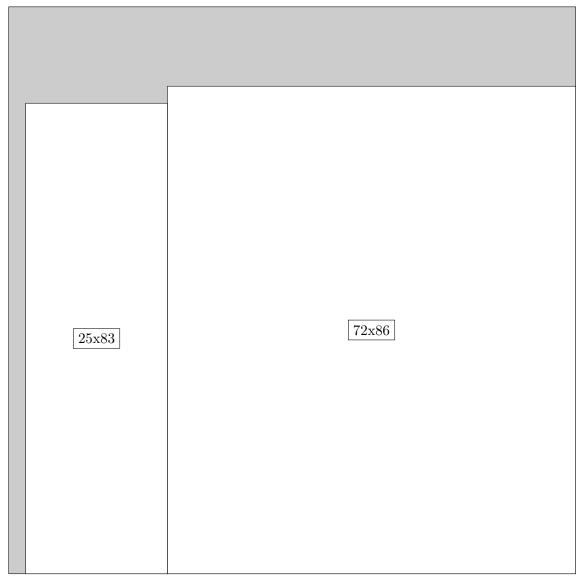
 $\le =65$, h = 55 , x = 35 , y = 0 , v = 3575



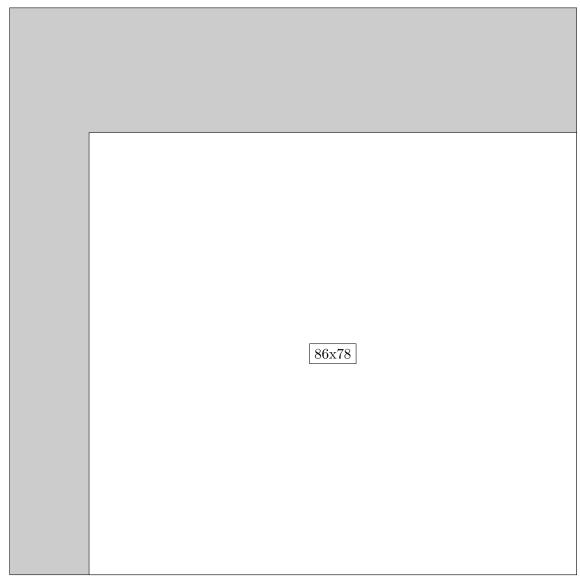
 $\le =72$, h =72 , x =28 , y =0 , v =5184



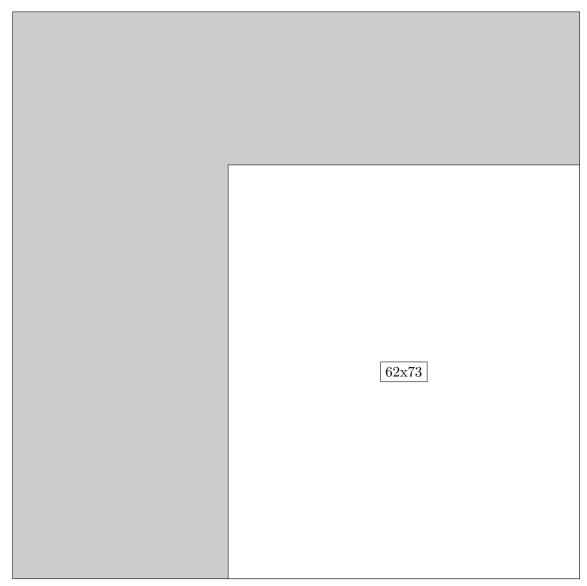
 $\le =64$, h=76 , x=36 , y=0 , v=4864



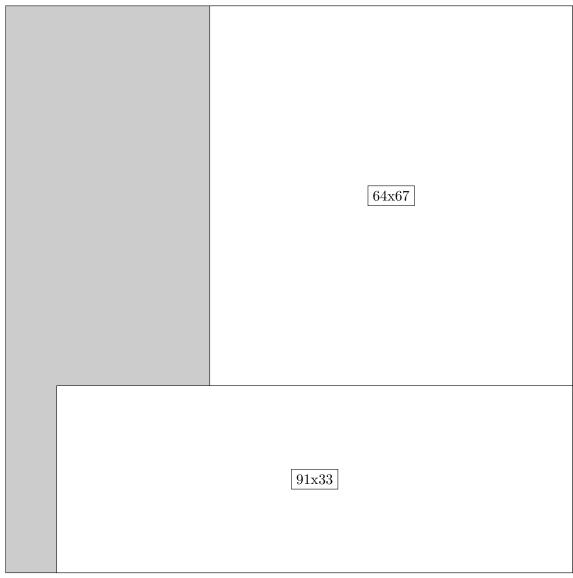
$$\begin{array}{l} w = \!\!\! 72 \ , \ h = \!\!\! 86 \ , \ x = \!\!\! 28 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 6192 \\ w = \!\!\! 25 \ , \ h = \!\!\! 83 \ , \ x = \!\!\! 3 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 2075 \end{array}$$



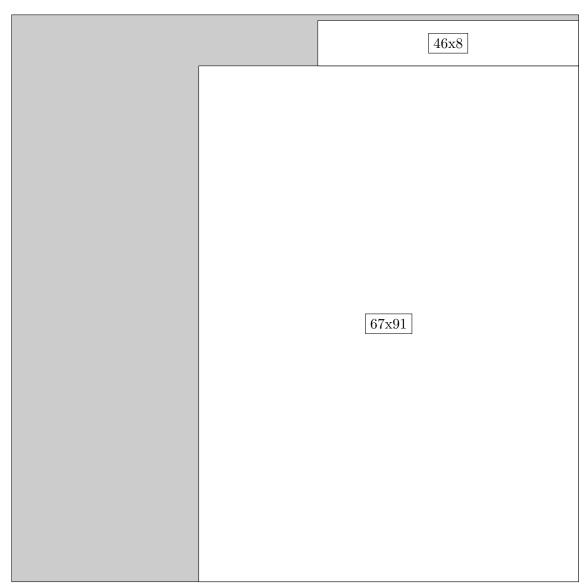
 $\le =86$, h =78 , x =14 , y =0 , v =6708



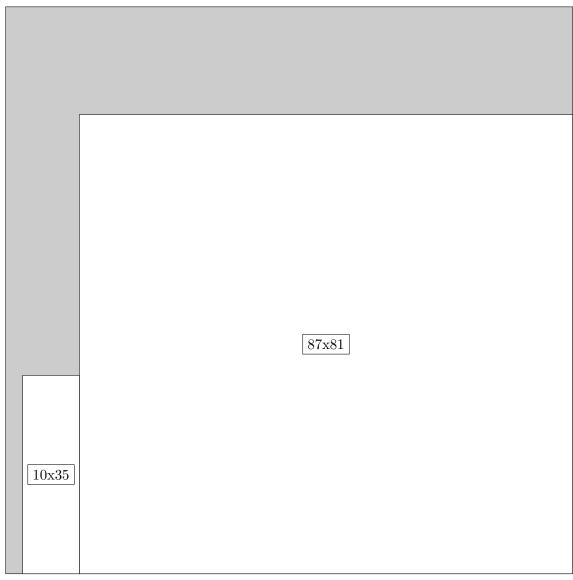
 $\le =62$, h =73 , x =38 , y =0 , v =4526



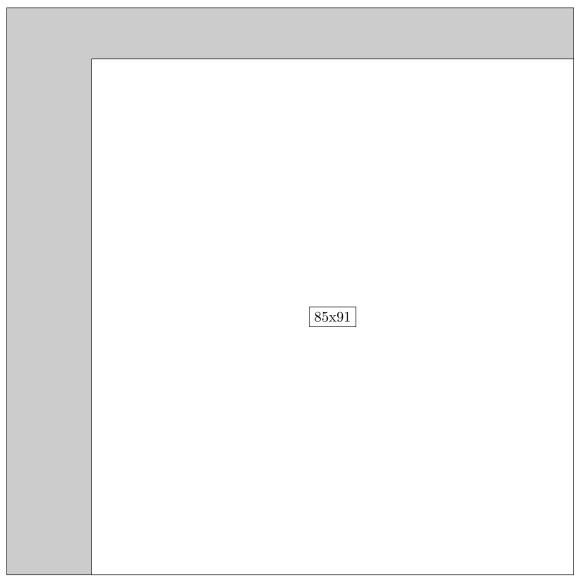
$$\begin{array}{l} w = \! 91 \; , \; h = \! 33 \; , \; x = \! 9 \; , \; y = \! 0 \; , \; v = \! 3003 \\ w = \! 64 \; , \; h = \! 67 \; , \; x = \! 36 \; , \; y = \! 33 \; , \; v = \! 4288 \end{array}$$



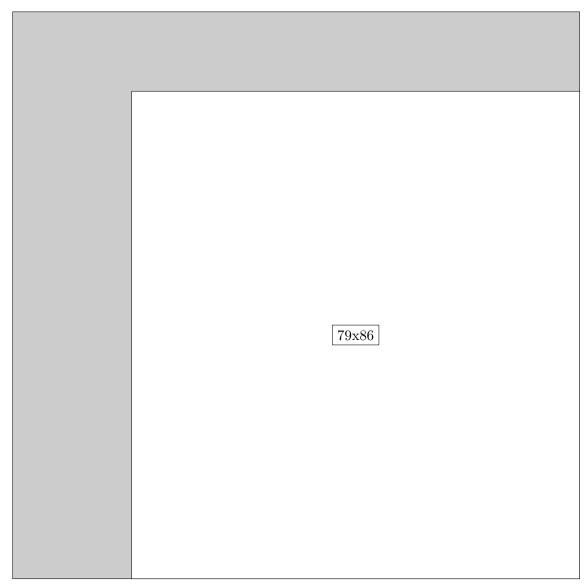
 $\begin{array}{l} w = \!\!67 \ , \ h = \!\!91 \ , \ x = \!\!33 \ , \ y = \!\!0 \ , \ v = \!\!6097 \\ w = \!\!46 \ , \ h = \!\!8 \ , \ x = \!\!54 \ , \ y = \!\!91 \ , \ v = \!\!368 \end{array}$



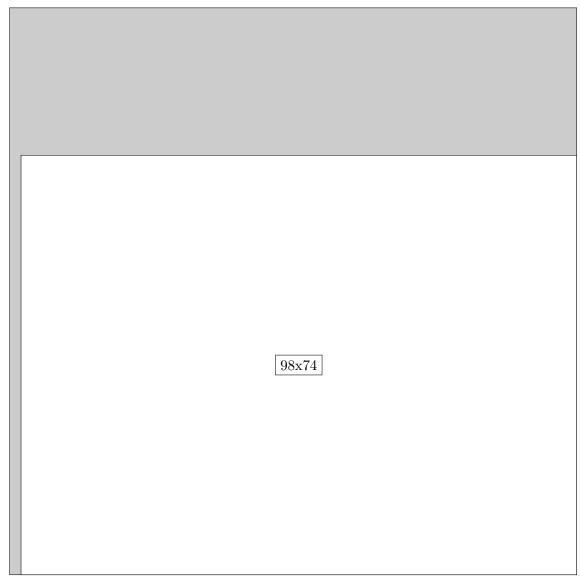
$$\begin{array}{l} w = \! 87 \ , \ h = \! 81 \ , \ x = \! 13 \ , \ y = \! 0 \ , \ v = \! 7047 \\ w = \! 10 \ , \ h = \! 35 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 350 \end{array}$$



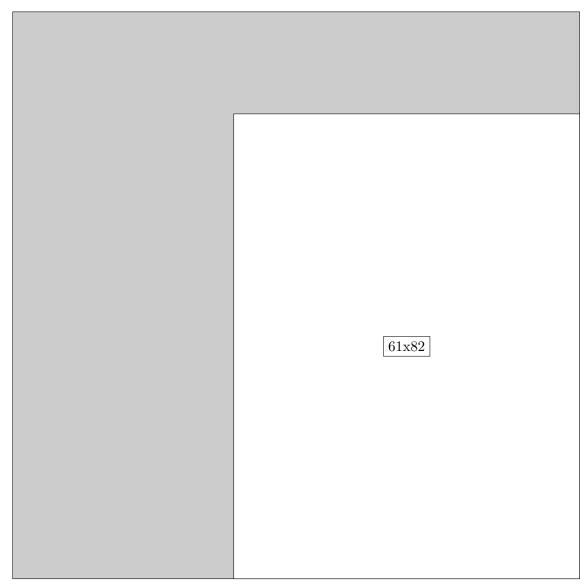
 $\le =85$, h =91 , x =15 , y =0 , v =7735



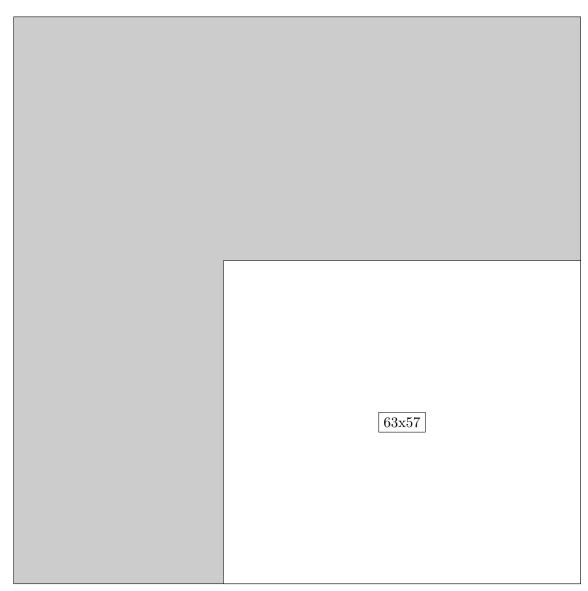
 $\le =79$, h =86 , x =21 , y =0 , v =6794



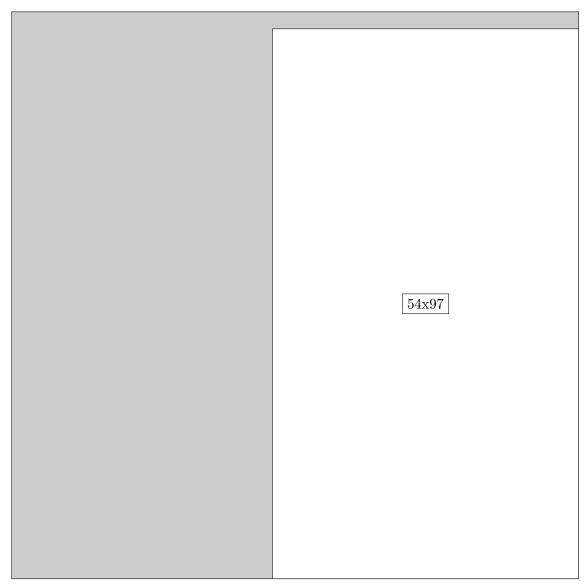
 $\le =98$, h =74 , x =2 , y =0 , v =7252



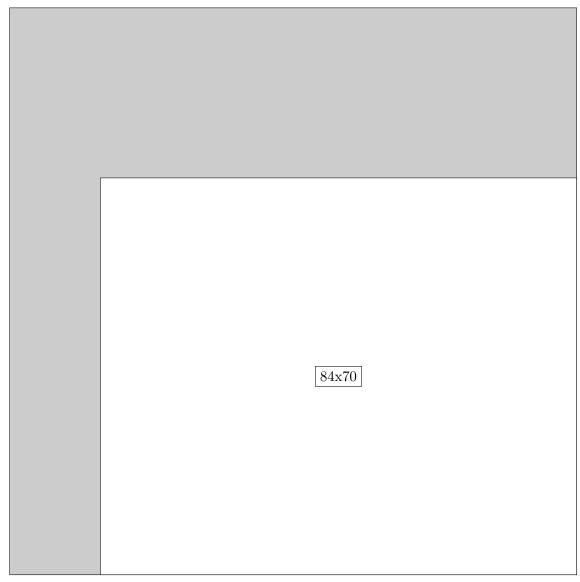
 $\le =61$, h =82 , x =39 , y =0 , v =5002



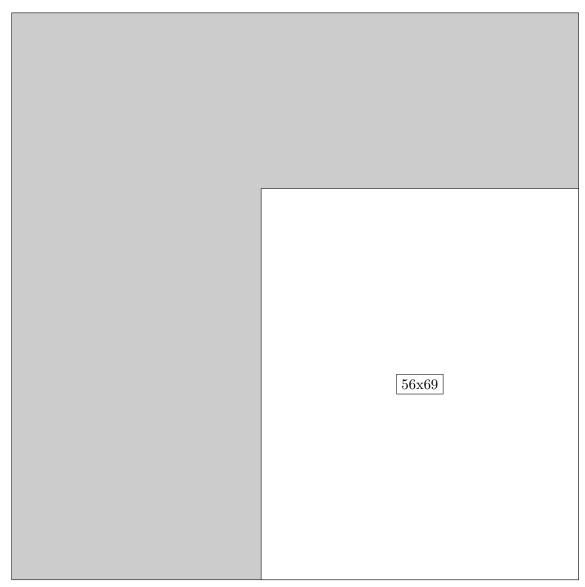
 $\le =63$, h=57 , x=37 , y=0 , v=3591



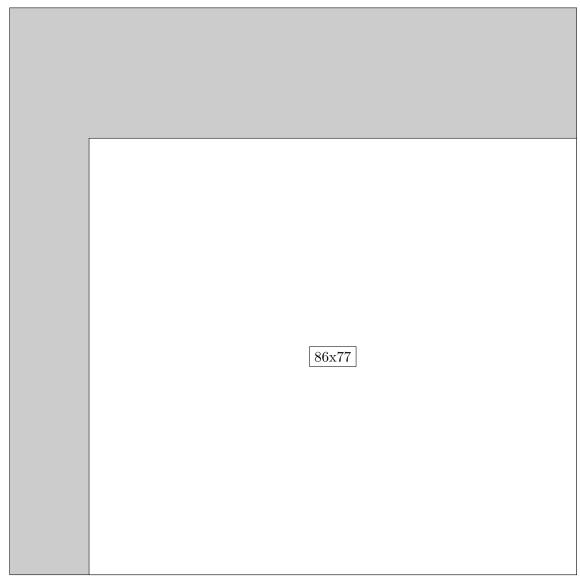
 $\le =54$, = =97 , = =46 , y = =0 , v = =5238



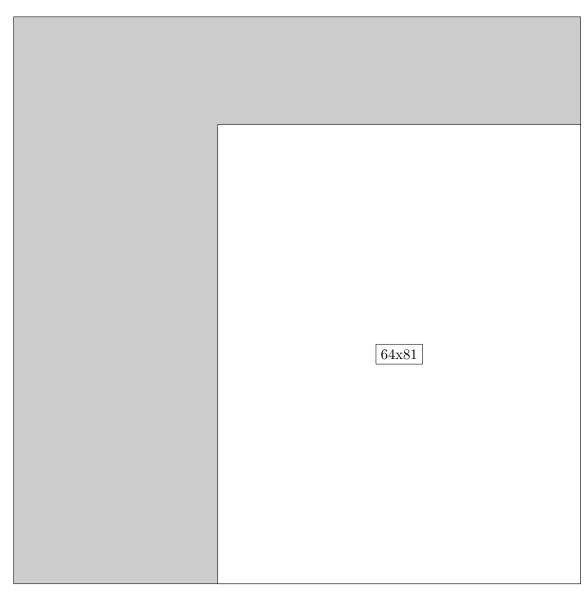
 $\le =84$, h =70 , x =16 , y =0 , v =5880



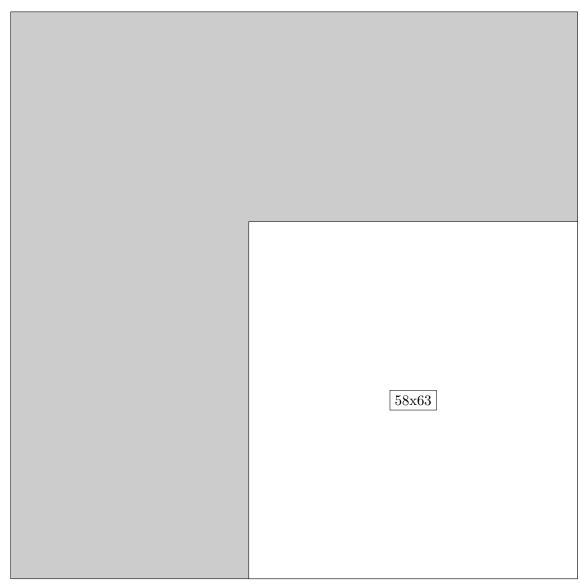
 $\le =56$, h=69 , x=44 , y=0 , v=3864



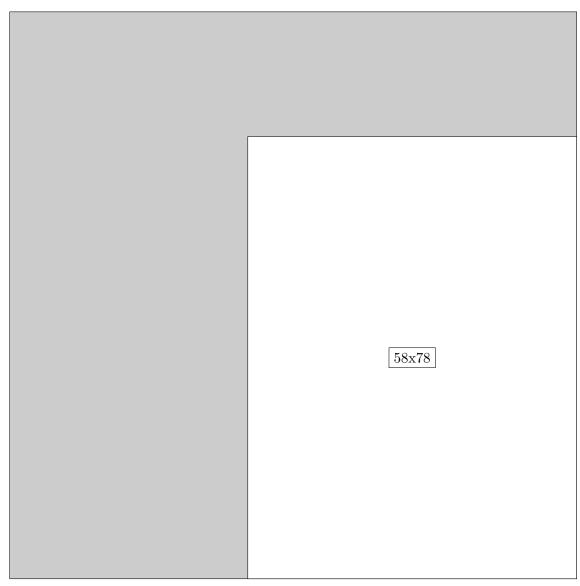
 $\le =86$, h =77 , x =14 , y =0 , v =6622



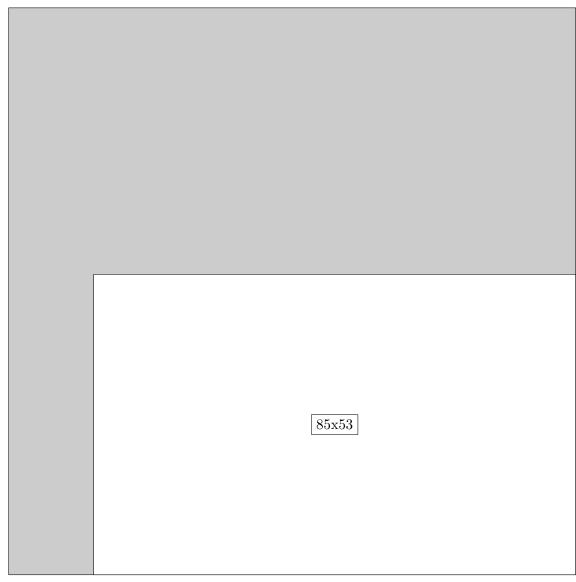
 $\le =64$, $h=\!81$, $x=\!36$, $y=\!0$, $v=\!5184$



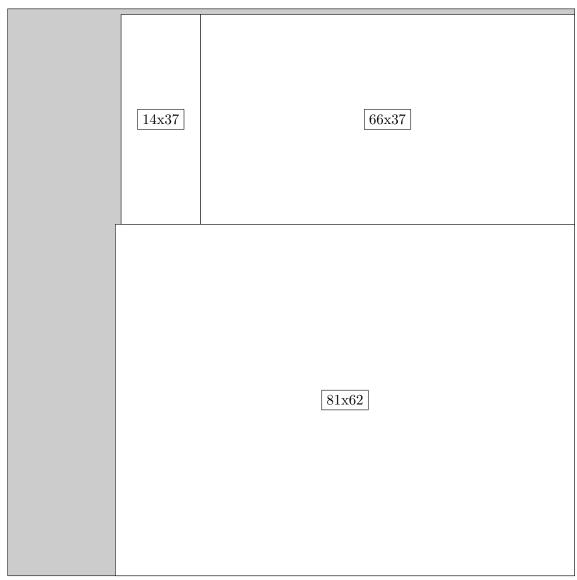
 $\le =58$, h =63 , x =42 , y =0 , v =3654



 $\le =58$, h =78 , x =42 , y =0 , v =4524



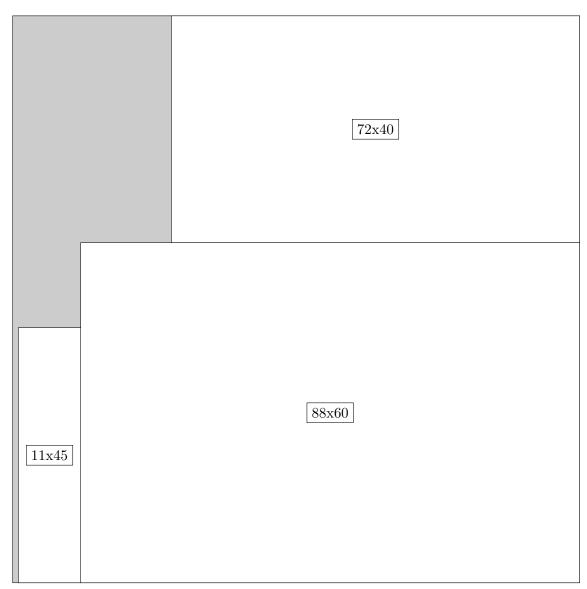
 $\le =85$, h =53 , x =15 , y =0 , v =4505



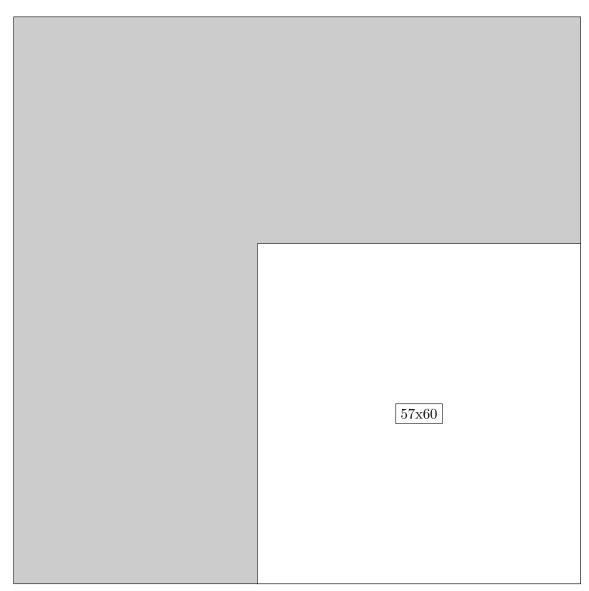
$$\le =81$$
 , $h=62$, $x=19$, $y=0$, $v=5022$

$$\le =66$$
 , $h=37$, $x=34$, $y=62$, $v=2442$

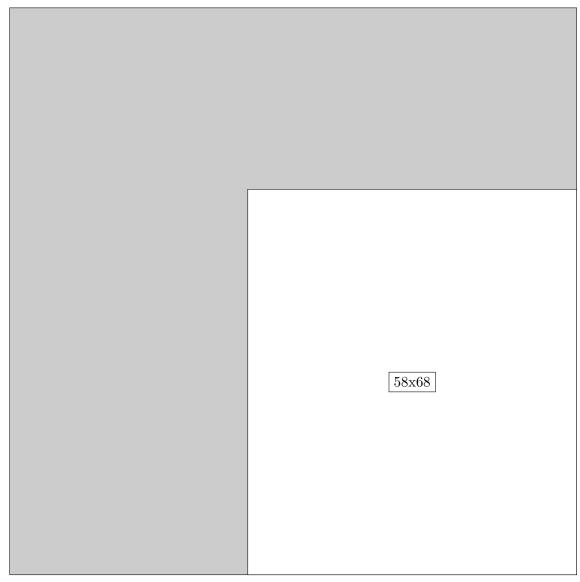
$$\le =14$$
 , h =37 , x =20 , y =62 , v =518



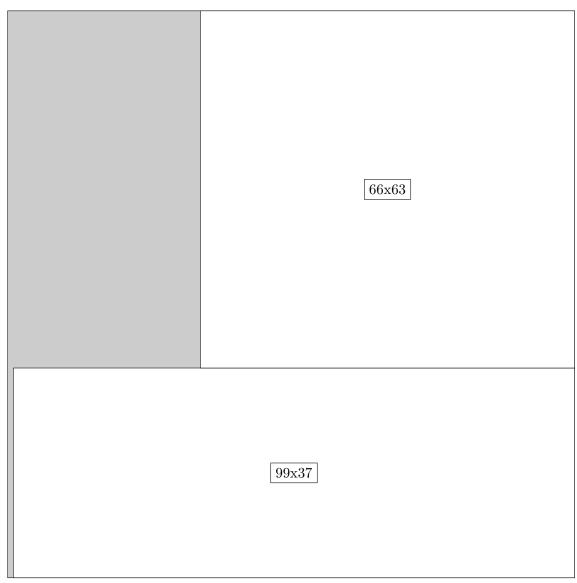
$$\begin{array}{l} w = \! 88 \; , \; h = \! 60 \; , \; x = \! 12 \; , \; y = \! 0 \; , \; v = \! 5280 \\ w = \! 72 \; , \; h = \! 40 \; , \; x = \! 28 \; , \; y = \! 60 \; , \; v = \! 2880 \\ w = \! 11 \; , \; h = \! 45 \; , \; x = \! 1 \; , \; y = \! 0 \; , \; v = \! 495 \end{array}$$



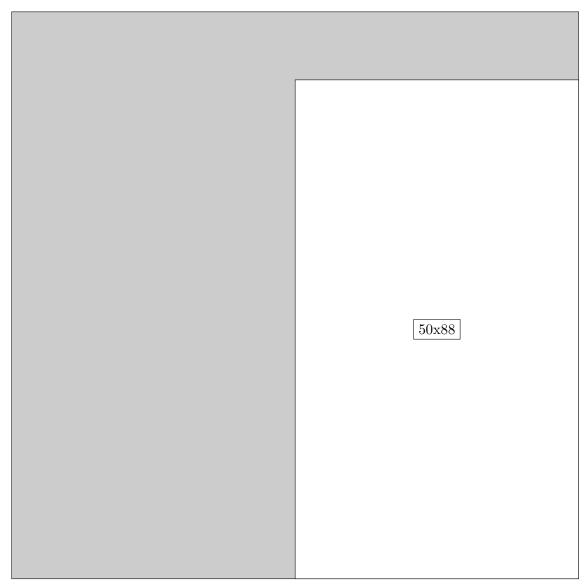
 $\le =57$, h =60 , x =43 , y =0 , v =3420



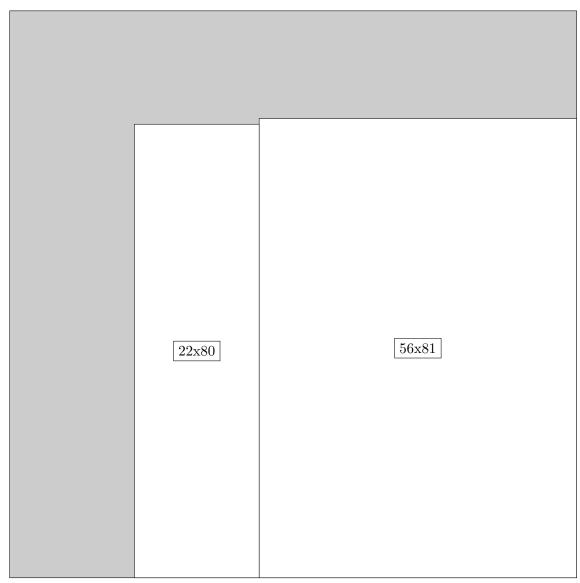
 $\le =58$, h =68 , x =42 , y =0 , v =3944



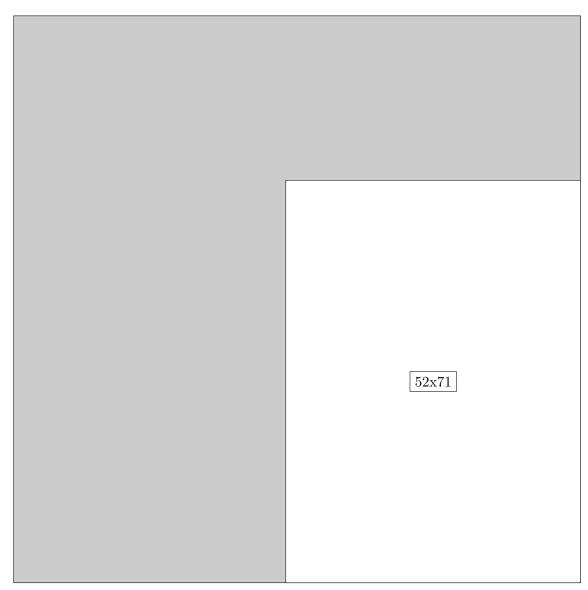
$$\begin{array}{l} w = 99 \ , \ h = 37 \ , \ x = 1 \ , \ y = 0 \ , \ v = 3663 \\ w = 66 \ , \ h = 63 \ , \ x = 34 \ , \ y = 37 \ , \ v = 4158 \end{array}$$



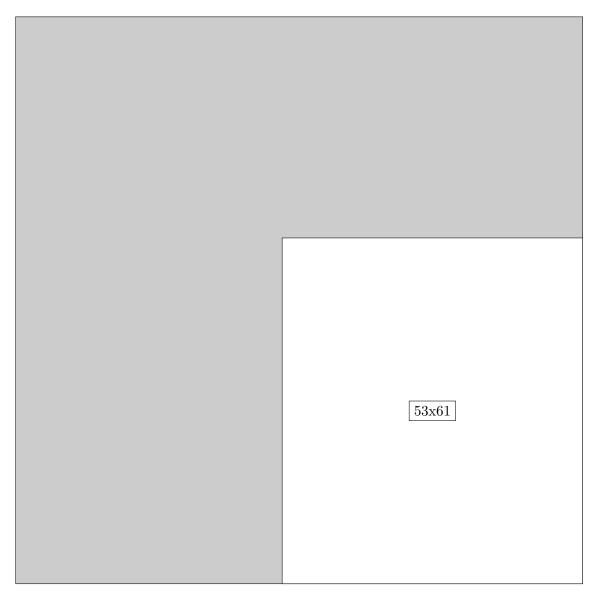
 $\le =50$, h =88 , x =50 , y =0 , v =4400



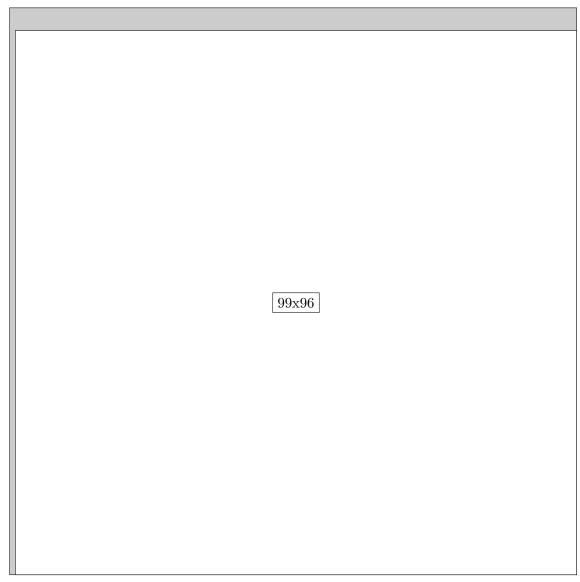
$$\begin{array}{l} w = \! 56 \ , \ h = \! 81 \ , \ x = \! 44 \ , \ y = \! 0 \ , \ v = \! 4536 \\ w = \! 22 \ , \ h = \! 80 \ , \ x = \! 22 \ , \ y = \! 0 \ , \ v = \! 1760 \end{array}$$



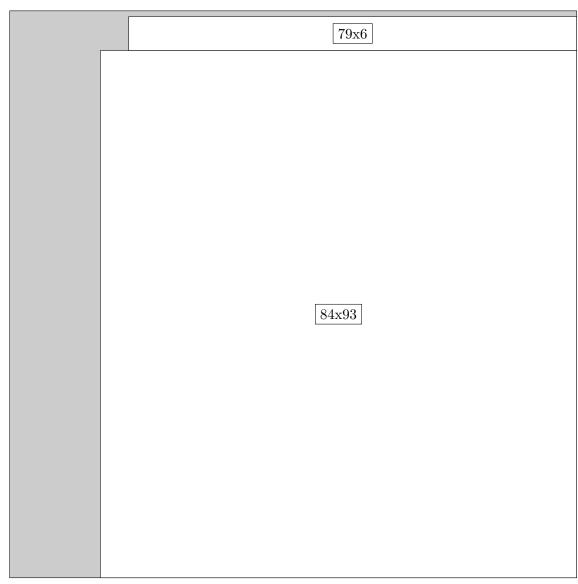
 ≤ 52 , h =71 , x =48 , y =0 , v =3692



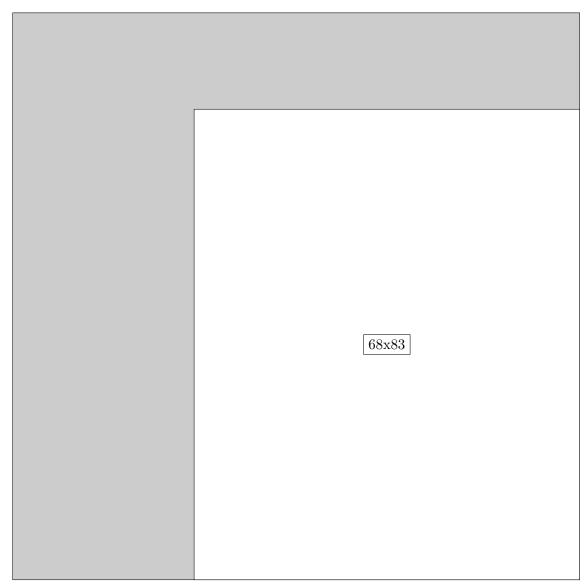
 $\le =53$, h =61 , x =47 , y =0 , v =3233



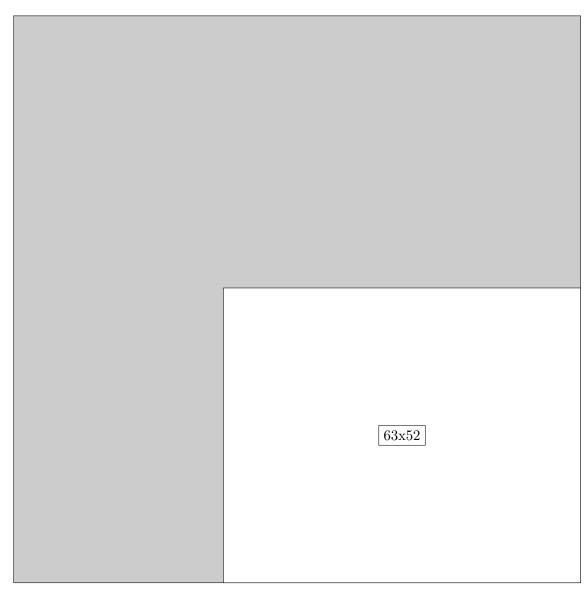
 $\le =99$, h =96 , x =1 , y =0 , v =9504



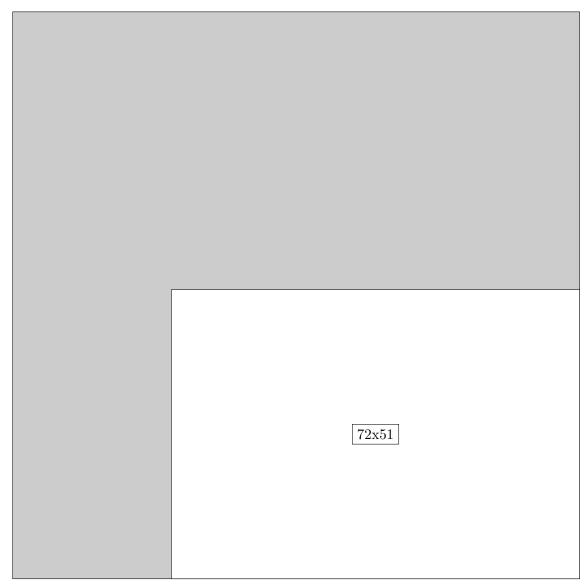
$$\begin{array}{l} w = \!\!84 \ , \ h = \!\!93 \ , \ x = \!\!16 \ , \ y = \!\!0 \ , \ v = \!\!7812 \\ w = \!\!79 \ , \ h = \!\!6 \ , \ x = \!\!21 \ , \ y = \!\!93 \ , \ v = \!\!474 \end{array}$$



 $\le =68$, h =83 , x =32 , y =0 , v = 5644



 $\le =63$, h =52 , x =37 , y =0 , v =3276



 $\le =72$, h =51 , x =28 , y =0 , v =3672