$ClassName: \ Class_09.2bp-29$

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

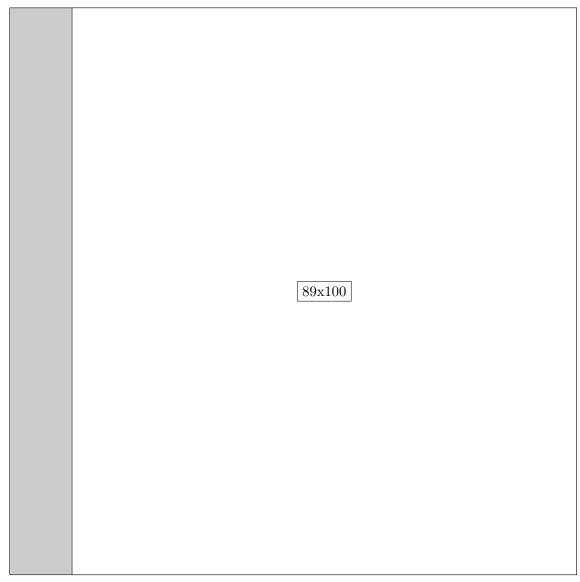
TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>450000</u> InS: <u>288900</u> Rate: <u>0.642</u> UB: <u>45</u>

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

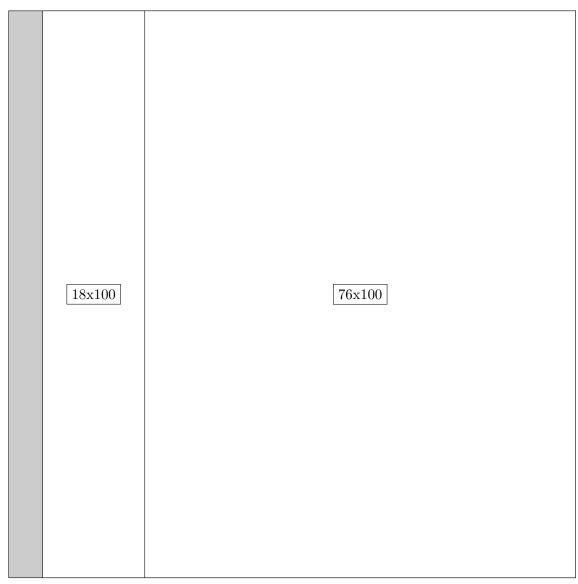
Branch And
Bound Num: $\underline{\mathbf{1}}$

is Opt: $\underline{\mathbf{true}}$

 $\begin{array}{ll} \text{TimeOnPrimal: } \underline{0.000 \text{ s}} \\ \text{TimeOnPricing: } \underline{0.000 \text{ s}} \\ \text{TimeOnRmp: } \underline{0.062 \text{ s}} \\ \text{TotalTime: } \underline{0.203 \text{ s}} \end{array}$



 $\le =89$, h =100 , x =11 , y =0 , v =8900



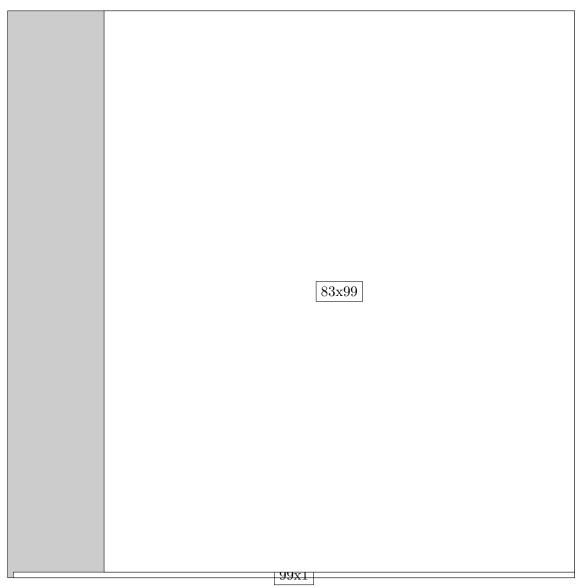
 $\begin{array}{l} w = \! 76 \ , \, h = \! 100 \ , \, x = \! 24 \ , \, y = \! 0 \ , \, v = \! 7600 \\ w = \! 18 \ , \, h = \! 100 \ , \, x = \! 6 \ , \, y = \! 0 \ , \, v = \! 1800 \end{array}$



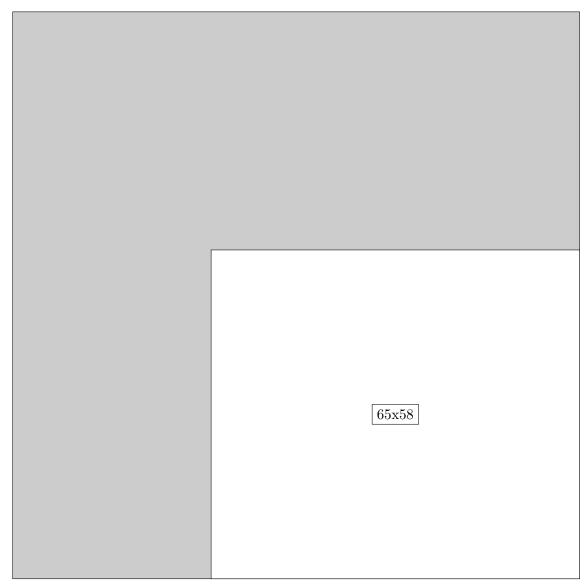
$$\le =90$$
 , $h=\!51$, $x=\!10$, $y=\!0$, $v=\!4590$

$$\le =35$$
 , h =46 , x =65 , y =51 , v =1610

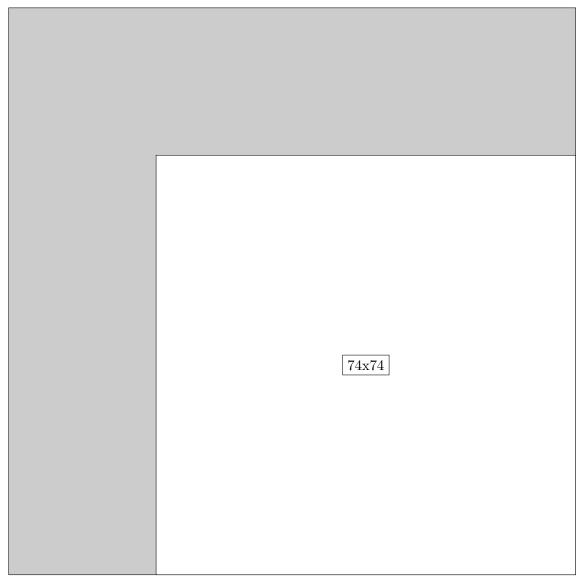
$$\le =39$$
 , h =45 , x =26 , y =51 , v =1755



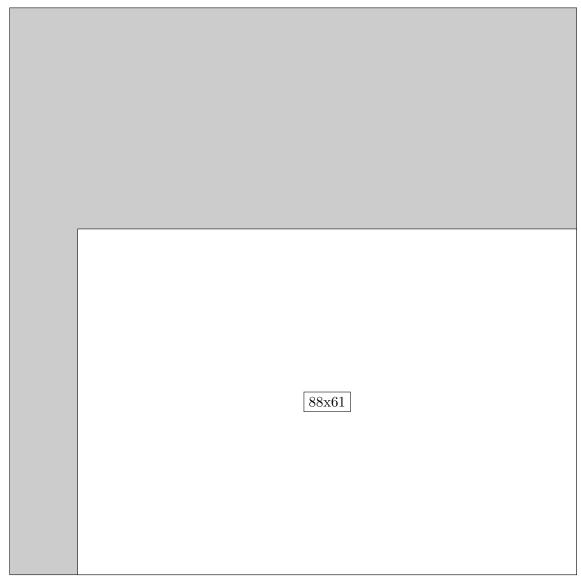
 $\begin{array}{l} w = 99 \ , \ h = 1 \ , \ x = 1 \ , \ y = 0 \ , \ v = 99 \\ w = 83 \ , \ h = 99 \ , \ x = 17 \ , \ y = 1 \ , \ v = 8217 \end{array}$



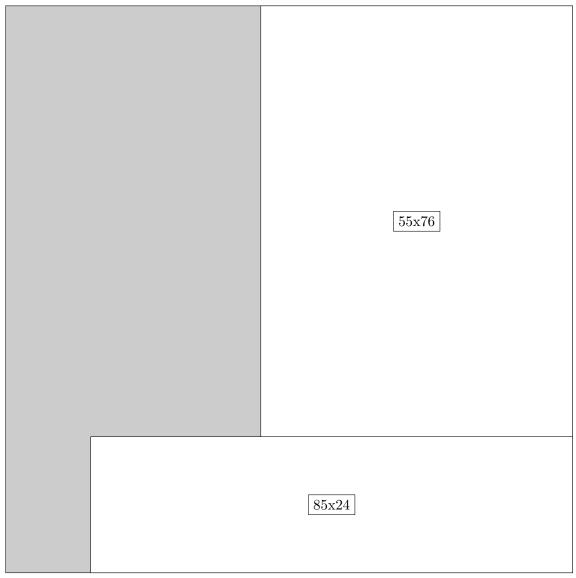
 $\le =65$, h =58 , x =35 , y =0 , v =3770



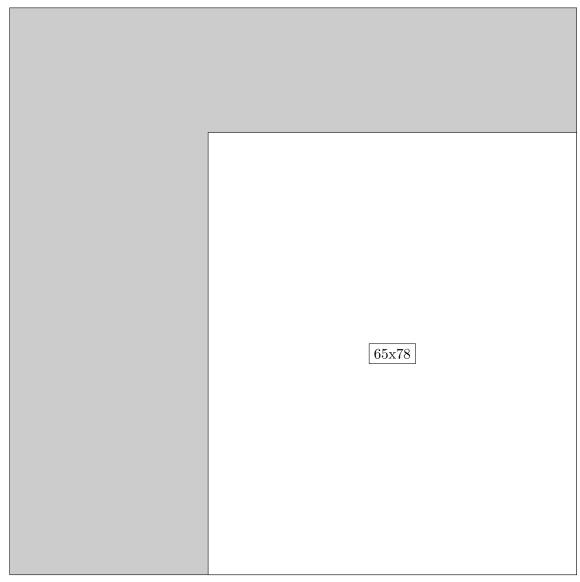
 $\le =74$, h =74 , x =26 , y =0 , v =5476



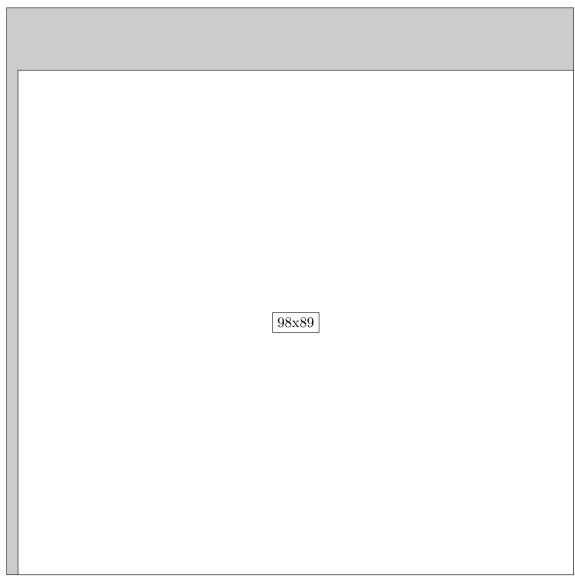
 $\le =88$, h =61 , x =12 , y =0 , v =5368



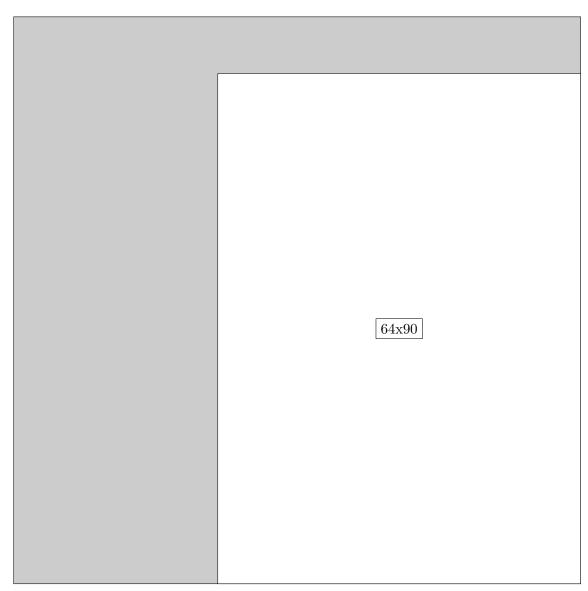
$$\begin{array}{l} w = \! 85 \ , \, h = \! 24 \ , \, x = \! 15 \ , \, y = \! 0 \ , \, v = \! 2040 \\ w = \! 55 \ , \, h = \! 76 \ , \, x = \! 45 \ , \, y = \! 24 \ , \, v = \! 4180 \end{array}$$



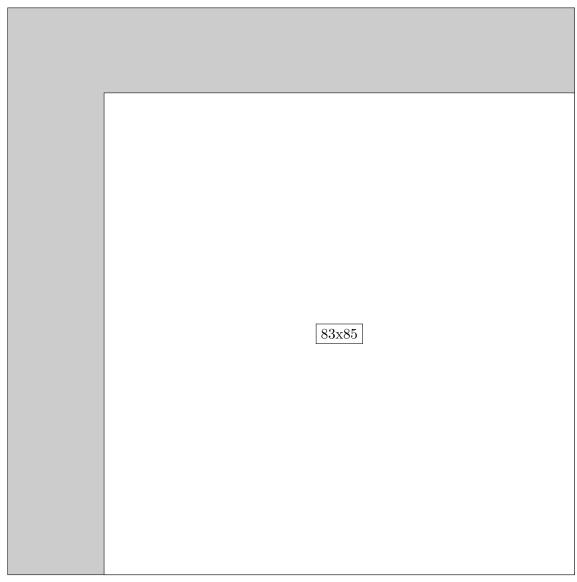
 $\le =65$, h =78 , x =35 , y =0 , v =5070



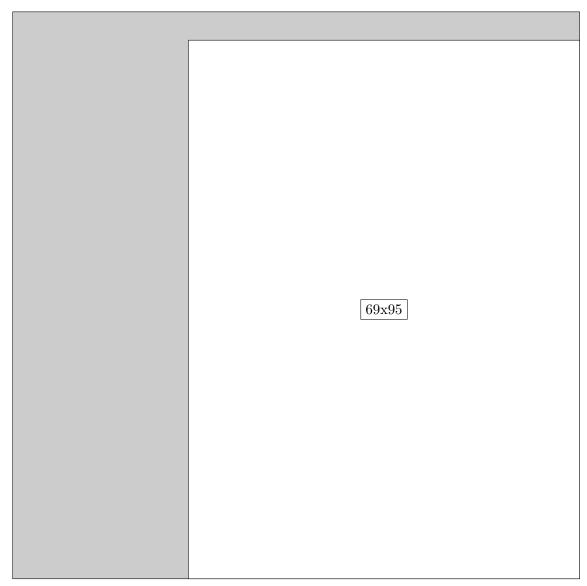
 $\le =98$, h =89 , x =2 , y =0 , v =8722



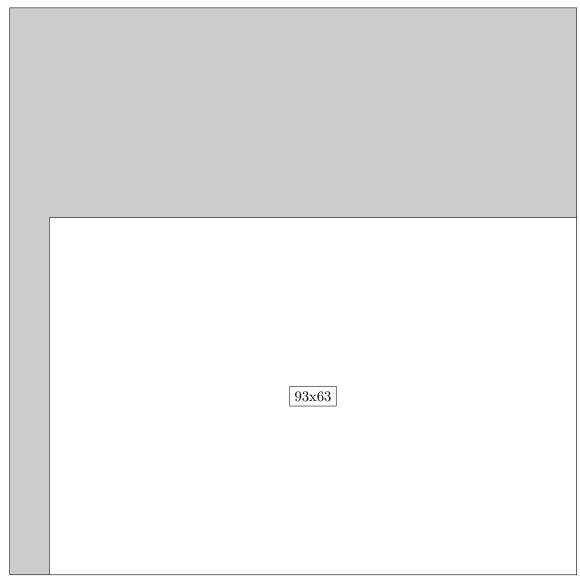
 $\le =64$, h =90 , x =36 , y =0 , v =5760



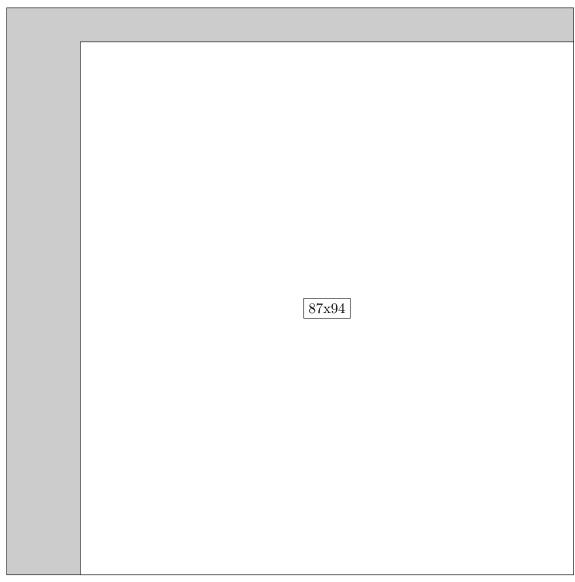
 $\le =83$, h =85 , x =17 , y =0 , v =7055



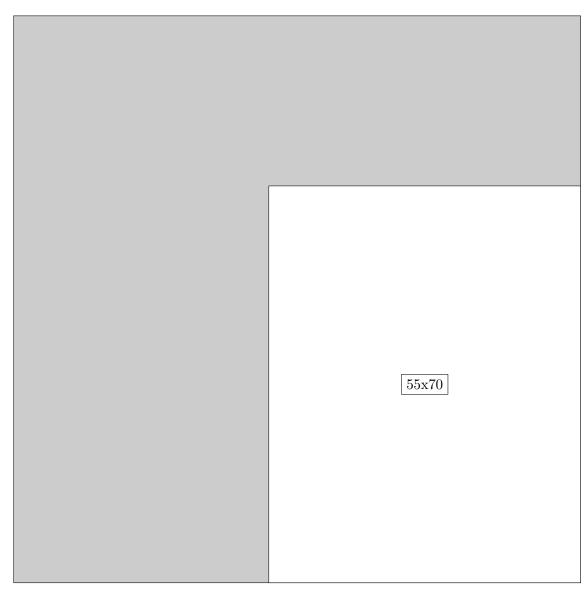
 $\le =69$, h =95 , x =31 , y =0 , v =6555



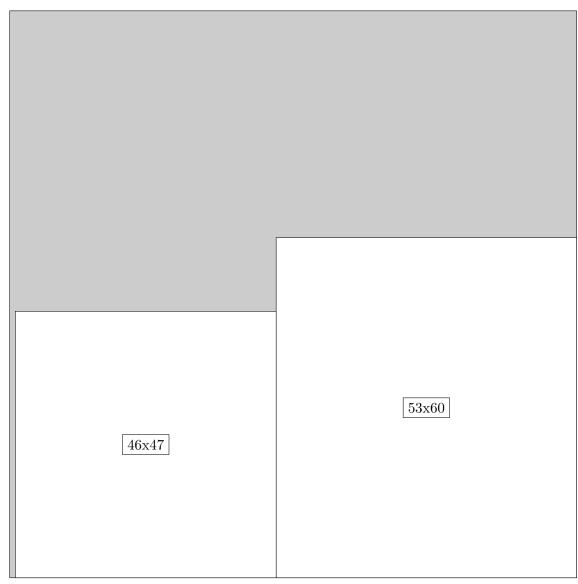
 $\le =93$, h =63 , x =7 , y =0 , v =5859



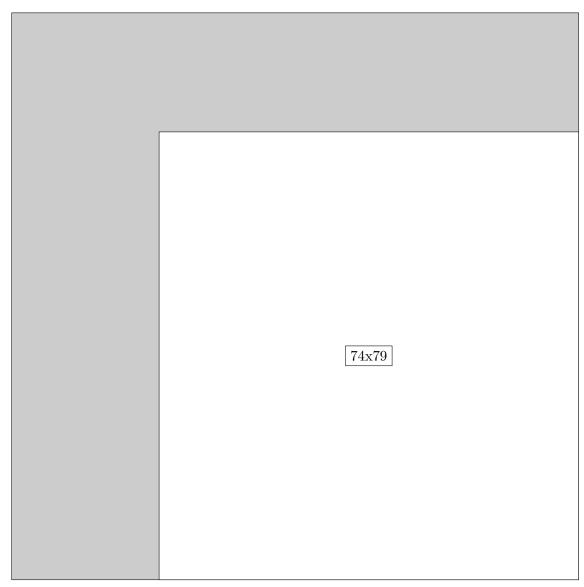
 $\le =87$, h =94 , x =13 , y =0 , v =8178



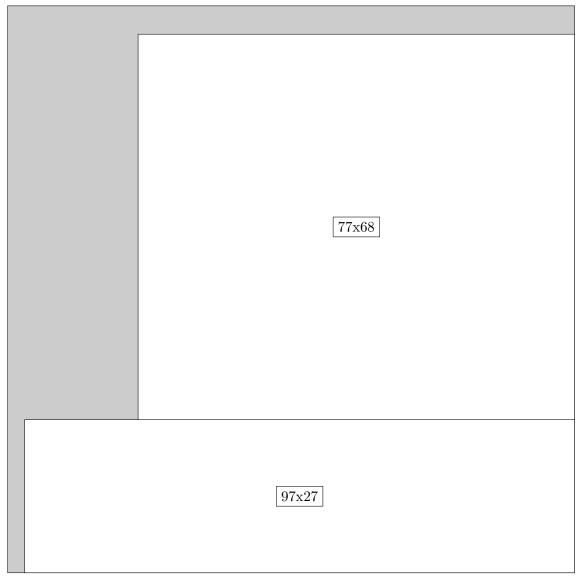
 $\le =55$, h =70 , x =45 , y =0 , v =3850



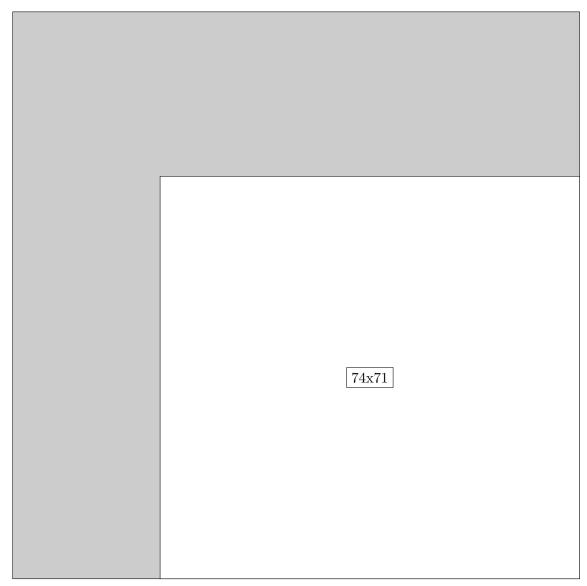
$$\begin{array}{l} w = \!\! 53 \ , \ h = \!\! 60 \ , \ x = \!\! 47 \ , \ y = \!\! 0 \ , \ v = \!\! 3180 \\ w = \!\! 46 \ , \ h = \!\! 47 \ , \ x = \!\! 1 \ , \ y = \!\! 0 \ , \ v = \!\! 2162 \end{array}$$



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



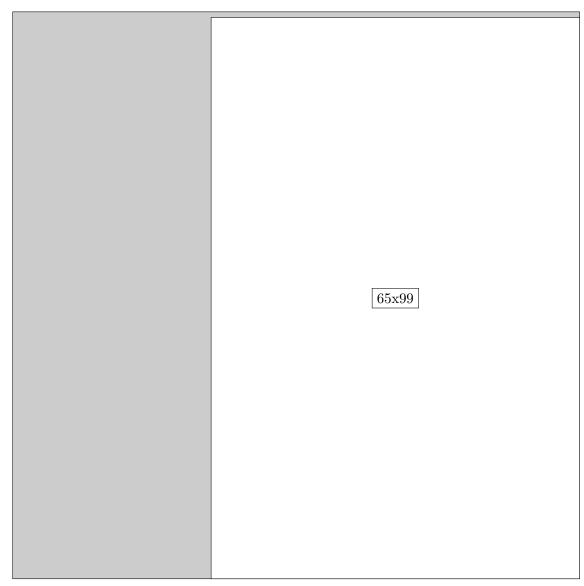
$$\begin{array}{l} w = \! 97 \; , \; h = \! 27 \; , \; x = \! 3 \; , \; y = \! 0 \; , \; v = \! 2619 \\ w = \! 77 \; , \; h = \! 68 \; , \; x = \! 23 \; , \; y = \! 27 \; , \; v = \! 5236 \end{array}$$



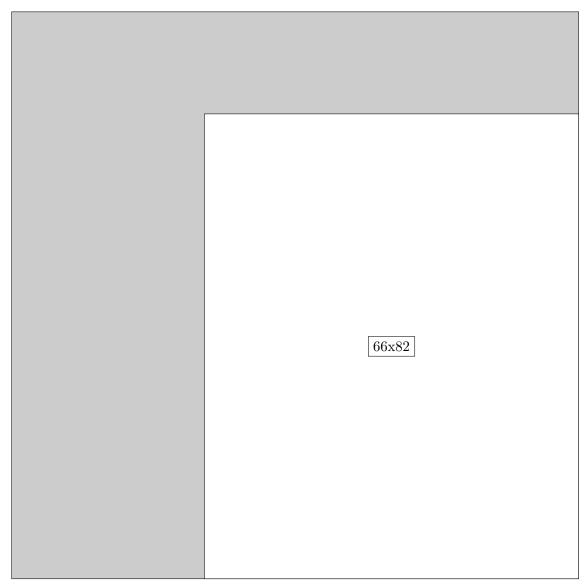
 $\le =74$, h =71 , x =26 , y =0 , v =5254



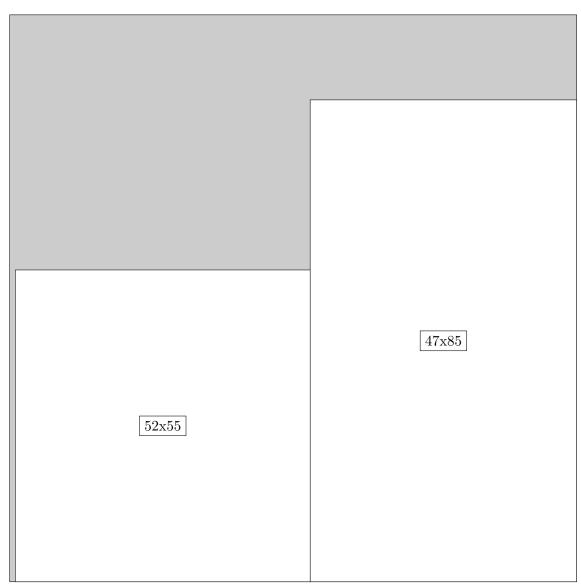
$$\begin{array}{l} w = 92 \; , \; h = 77 \; , \; x = 8 \; , \; y = 0 \; , \; v = 7084 \\ w = 75 \; , \; h = 18 \; , \; x = 25 \; , \; y = 77 \; , \; v = 1350 \end{array}$$



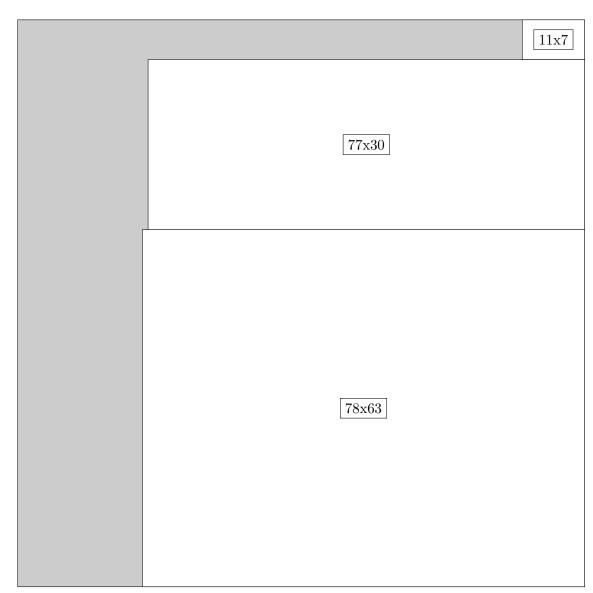
 $\le =65$, h =99 , x =35 , y =0 , v =6435



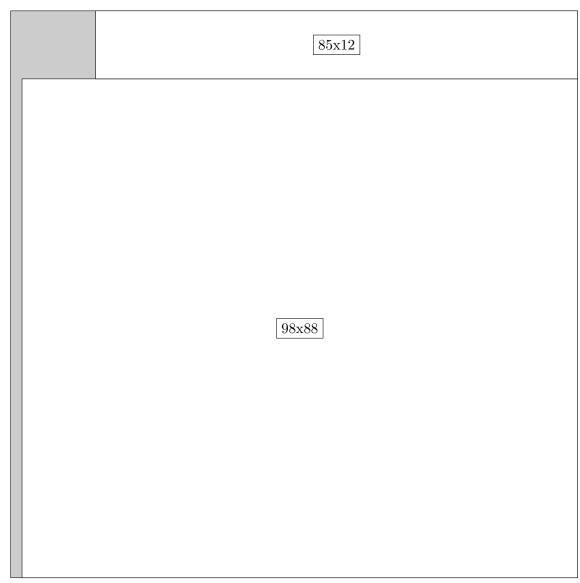
 $\le =66$, h =82 , x =34 , y =0 , v = 5412

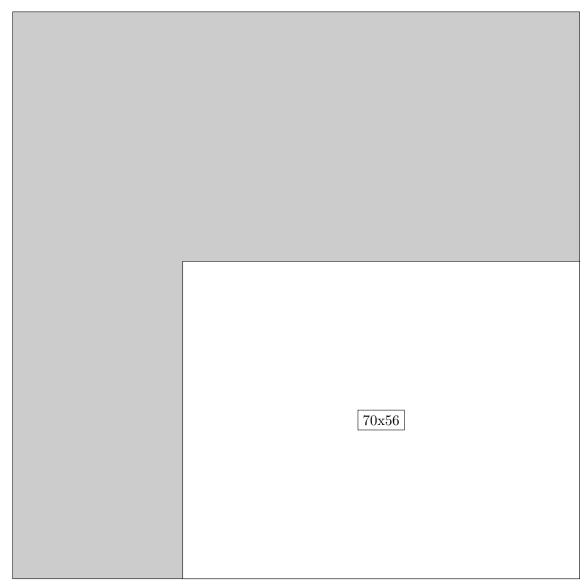


$$\begin{array}{l} w = \!\! 47 \ , \ h = \!\! 85 \ , \ x = \!\! 53 \ , \ y = \!\! 0 \ , \ v = \!\! 3995 \\ w = \!\! 52 \ , \ h = \!\! 55 \ , \ x = \!\! 1 \ , \ y = \!\! 0 \ , \ v = \!\! 2860 \end{array}$$

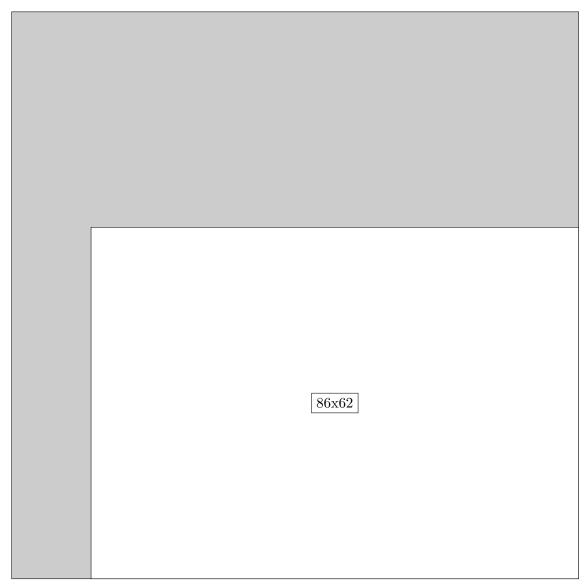


$$\begin{array}{l} w = \!\! 78 \ , \ h = \!\! 63 \ , \ x = \!\! 22 \ , \ y = \!\! 0 \ , \ v = \!\! 4914 \\ w = \!\! 77 \ , \ h = \!\! 30 \ , \ x = \!\! 23 \ , \ y = \!\! 63 \ , \ v = \!\! 2310 \\ w = \!\! 11 \ , \ h = \!\! 7 \ , \ x = \!\! 89 \ , \ y = \!\! 93 \ , \ v = \!\! 77 \end{array}$$

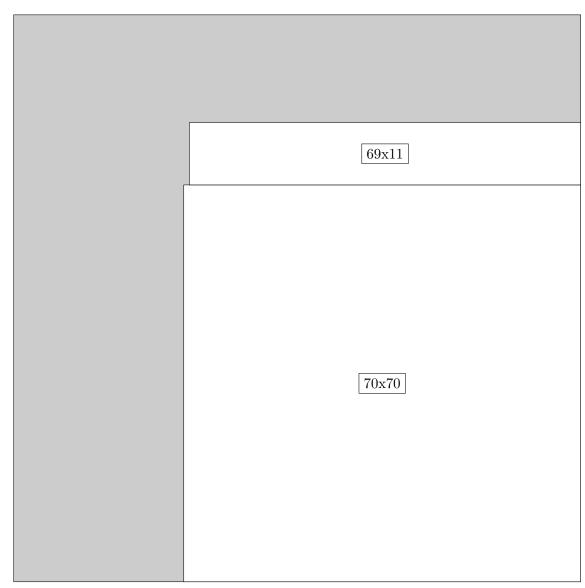




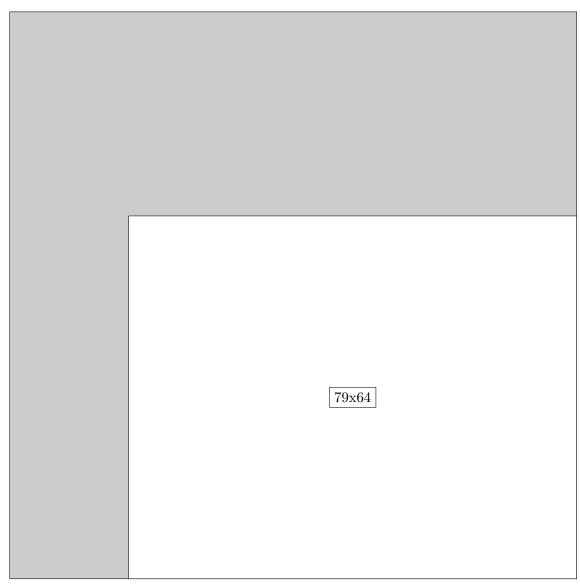
 $\le =70$, h = 56 , x = 30 , y = 0 , v = 3920



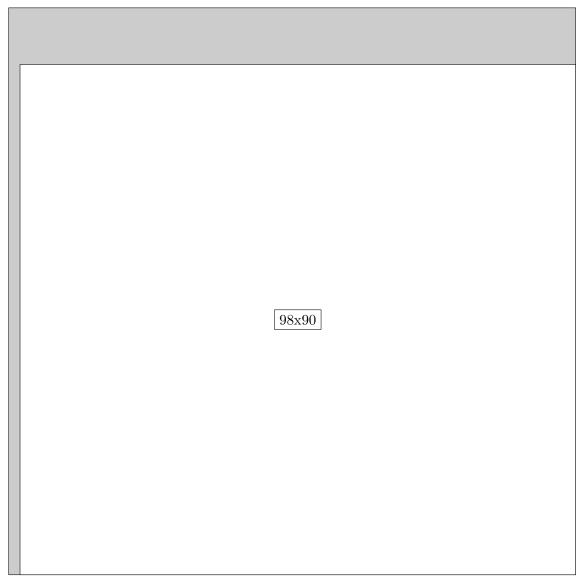
 $\le =86$, h=62 , x=14 , y=0 , v=5332



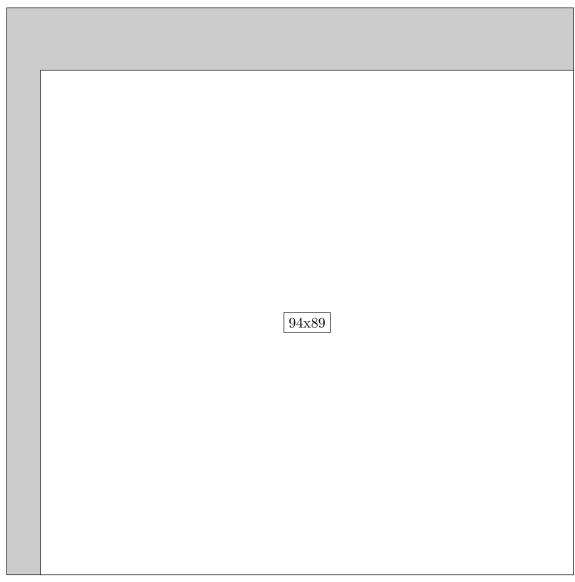
$$\begin{array}{l} w = \! 70 \ , \ h = \! 70 \ , \ x = \! 30 \ , \ y = \! 0 \ , \ v = \! 4900 \\ w = \! 69 \ , \ h = \! 11 \ , \ x = \! 31 \ , \ y = \! 70 \ , \ v = \! 759 \end{array}$$



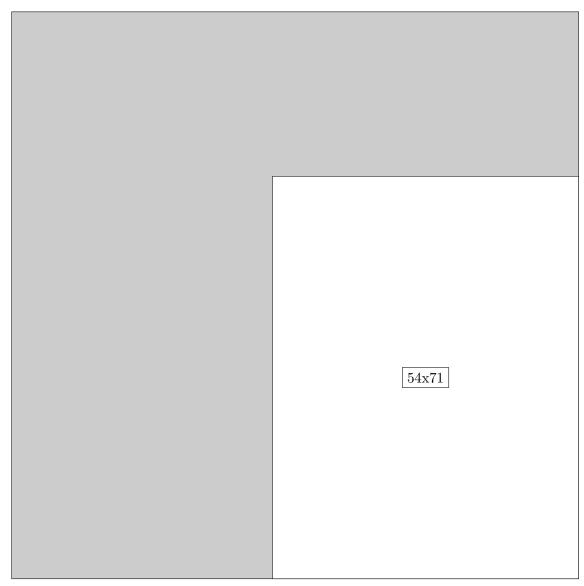
 $\le =79$, h =64 , x =21 , y =0 , v =5056



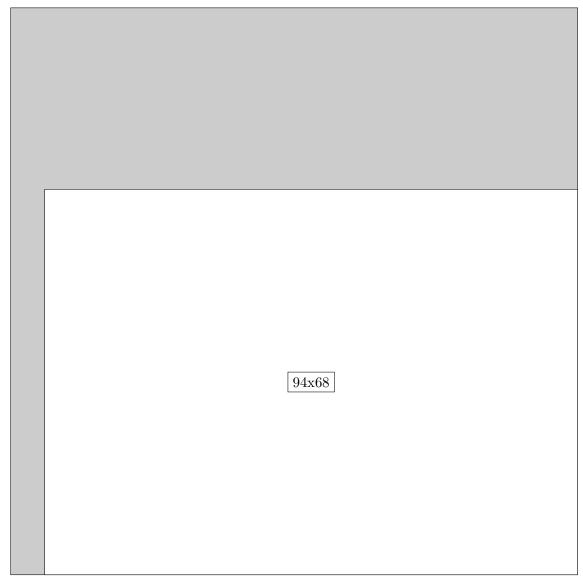
 $\le =98$, h =90 , x =2 , y =0 , v =8820



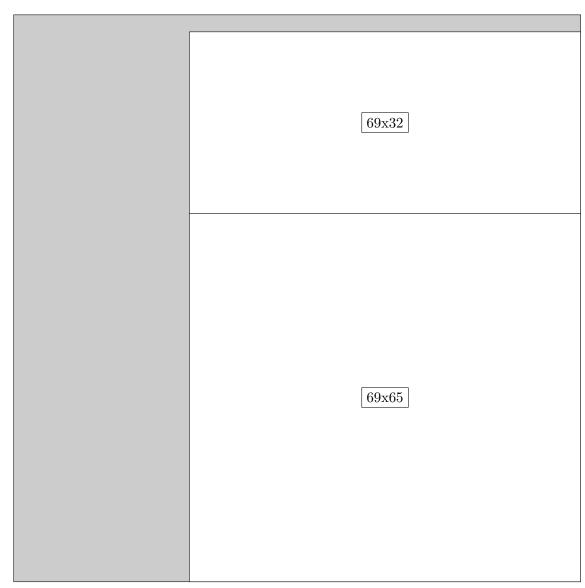
 $\le =94$, h =89 , x =6 , y =0 , v =8366



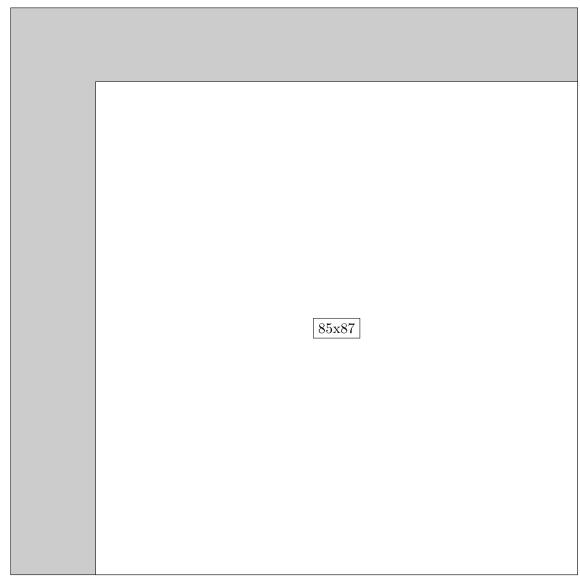
 $\le =54$, h=71 , x=46 , y=0 , v=3834



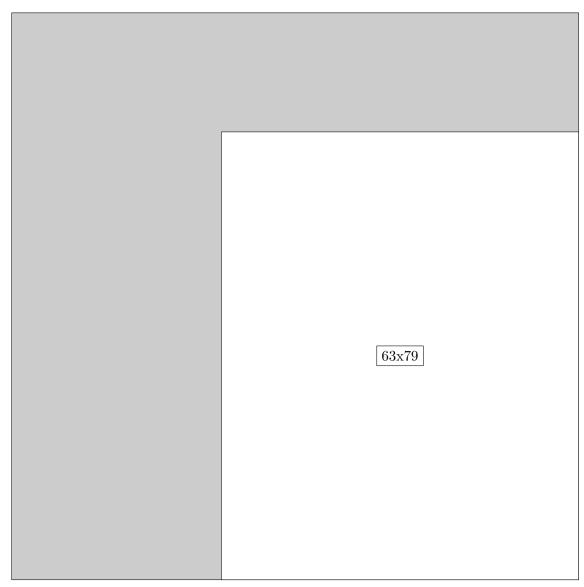
 $\le =94$, h =68 , x =6 , y =0 , v =6392



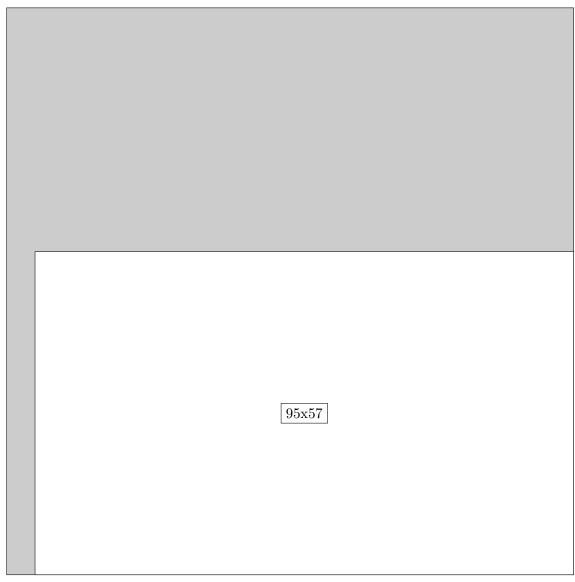
$$\begin{array}{l} w = \!69 \ , \, h = \!65 \ , \, x = \!31 \ , \, y = \!0 \ , \, v = \!4485 \\ w = \!69 \ , \, h = \!32 \ , \, x = \!31 \ , \, y = \!65 \ , \, v = \!2208 \end{array}$$



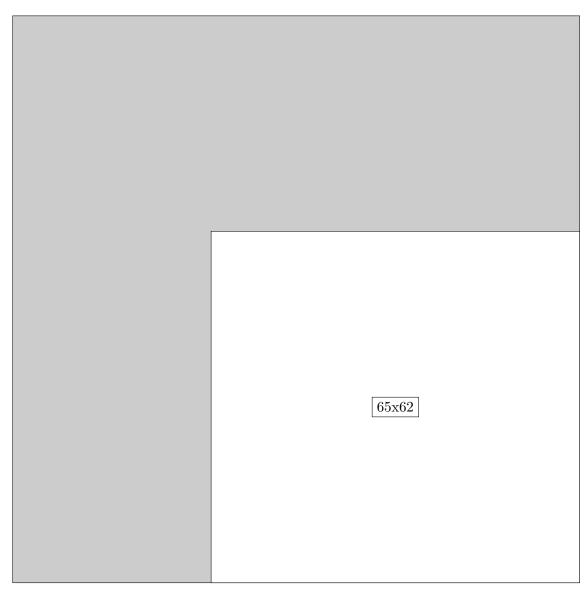
 $\le =85$, h =87 , x =15 , y =0 , v =7395



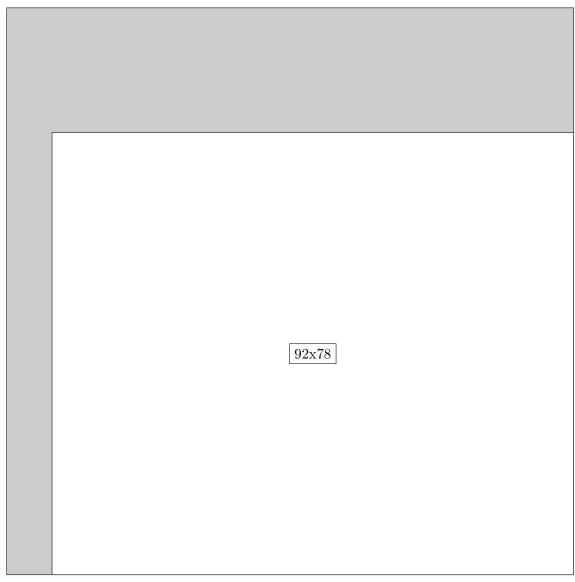
 $\le =63$, h =79 , x =37 , y =0 , v =4977



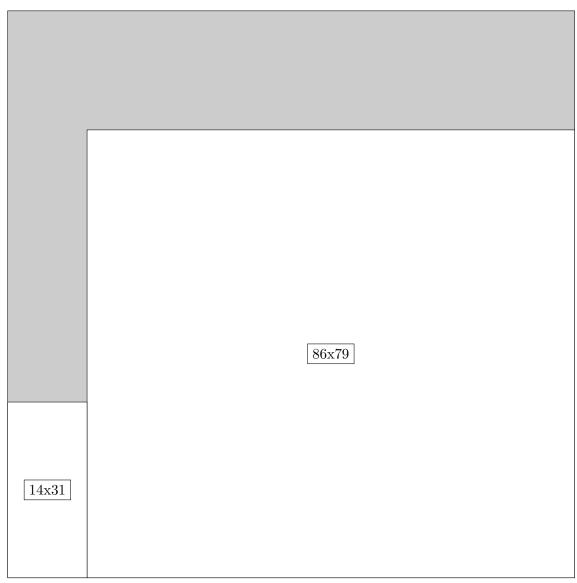
 ≤ -95 , h =57 , x =5 , y =0 , v =5415



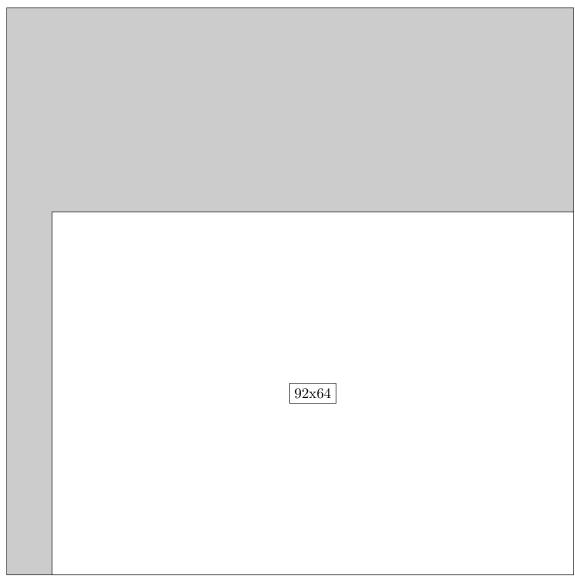
 $\le =65$, h=62 , x=35 , y=0 , v=4030



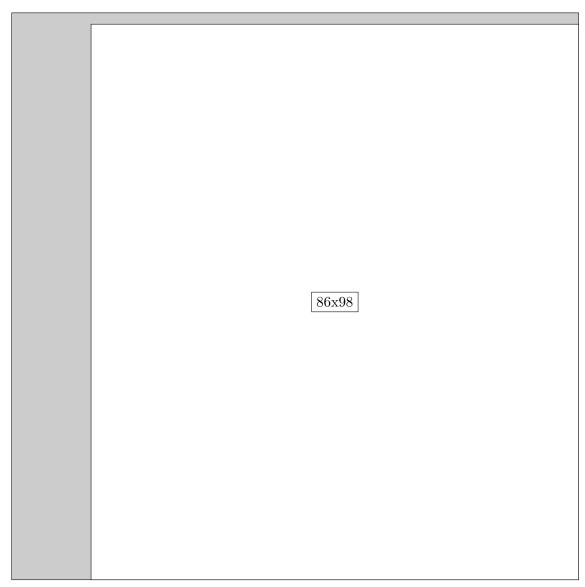
 $\le =92$, h =78 , x =8 , y =0 , v =7176



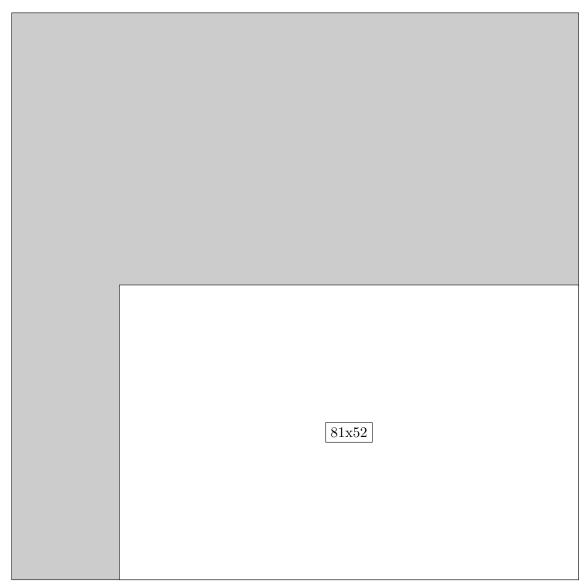
$$\begin{array}{l} w = \!\!86 \ , \ h = \!\!79 \ , \ x = \!\!14 \ , \ y = \!\!0 \ , \ v = \!\!6794 \\ w = \!\!14 \ , \ h = \!\!31 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!434 \end{array}$$



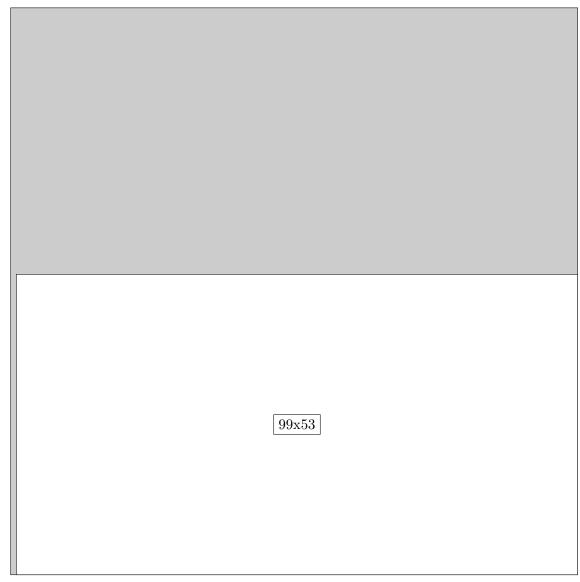
 $\le =92$, h=64 , x=8 , y=0 , v=5888



 $\le =86$, h =98 , x =14 , y =0 , v =8428



 $\le =81$, h =52 , x =19 , y =0 , v =4212



 $\le =99$, h =53 , x =1 , y =0 , v =5247