$ClassName: \ Class_09.2bp-37$

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>580000</u> InS: <u>368802</u> Rate: <u>0.636</u> UB: <u>58</u> LB0: <u>58</u> LB: <u>58</u>

LBWithCut: $\underline{\mathbf{58}}$ NodeCut: $\mathbf{0}$

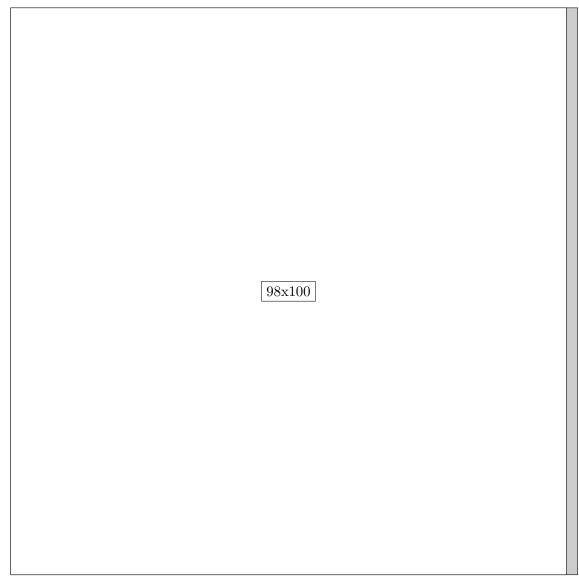
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: 1
PrimalNode: 0
ColumnCount: 58
TotalCutCount: 0
RootCutCount: 1
PricingSolverCnt: 1
PricingSolverCnt: 0
Branch And Bound No

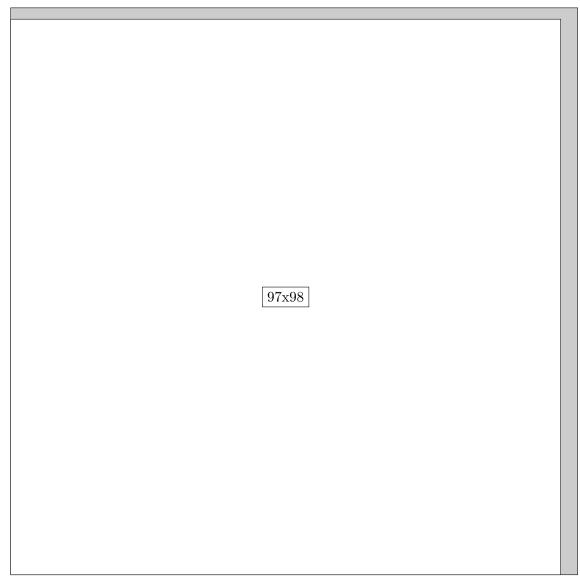
Branch And
Bound Num: $\underline{\mathbf{1}}$

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

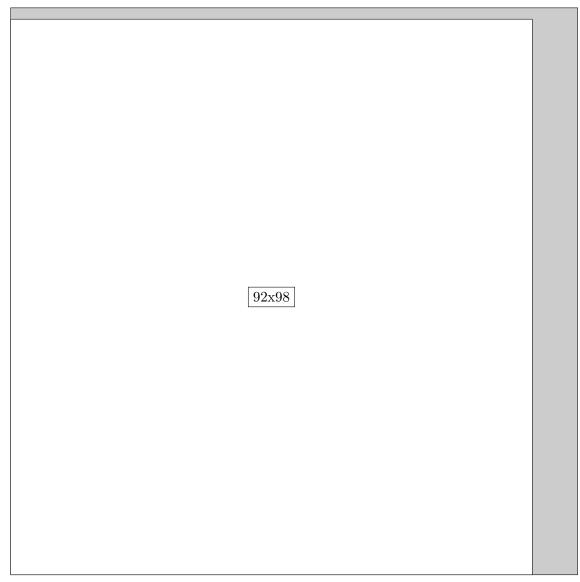
TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{0.000 \text{ s}}$ TimeOnRmp: $\underline{0.078 \text{ s}}$ TotalTime: $\underline{0.141 \text{ s}}$



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



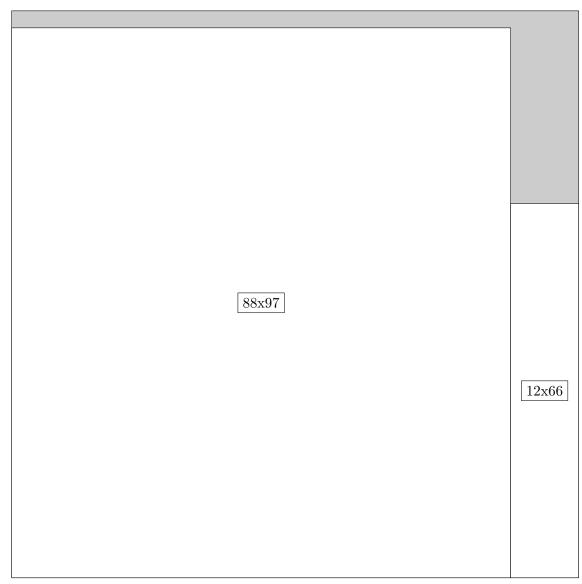
w = 97, h = 98, x = 0, y = 0, v = 9506



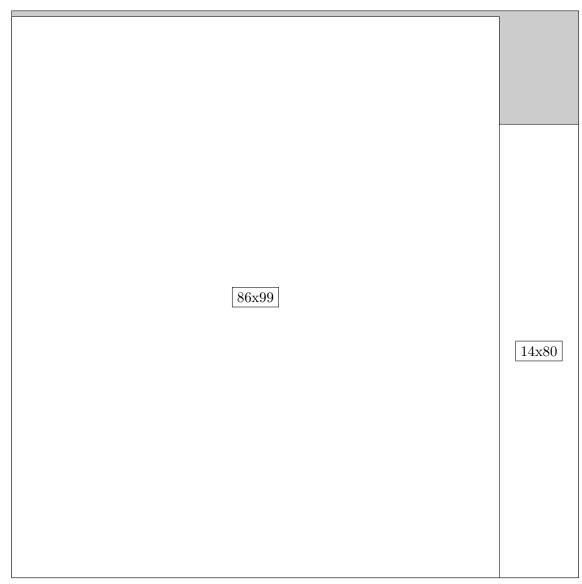
 $\le =92$, h =98 , x =0 , y =0 , v =9016



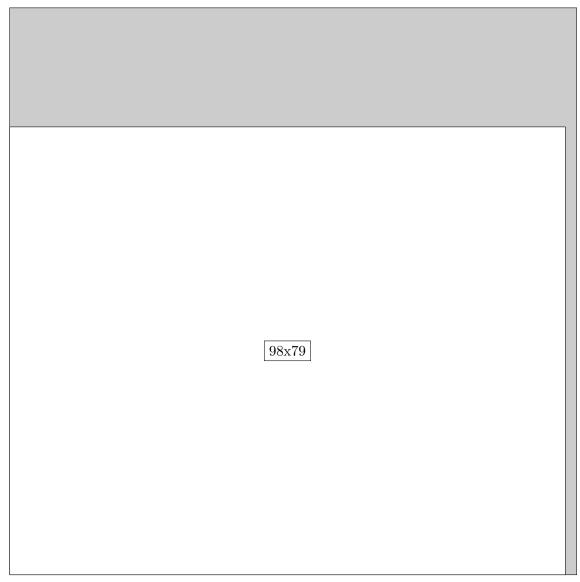
 $\le =100$, h =89 , x =0 , y =0 , v =8900



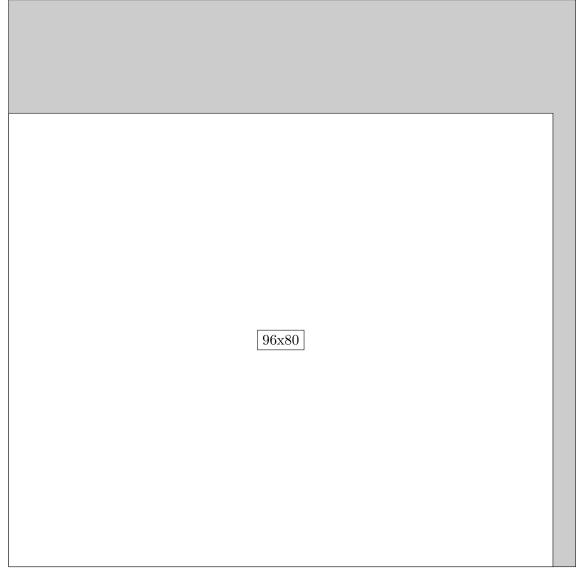
$$\begin{array}{c} w = 88 \; , \; h = 97 \; , \; x = 0 \; , \; y = 0 \; , \; v = 8536 \\ w = 12 \; , \; h = 66 \; , \; x = 88 \; , \; y = 0 \; , \; v = 792 \\ \end{array}$$



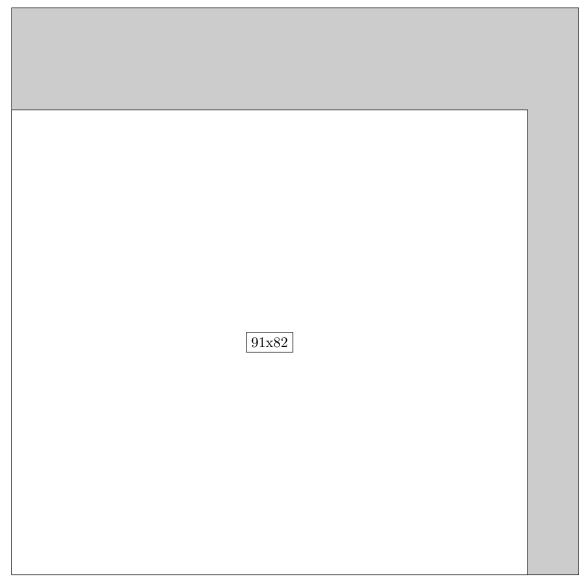
$$\begin{array}{c} w = \! 86 \; , \; h = \! 99 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8514 \\ w = \! 14 \; , \; h = \! 80 \; , \; x = \! 86 \; , \; y = \! 0 \; , \; v = \! 1120 \\ \end{array}$$



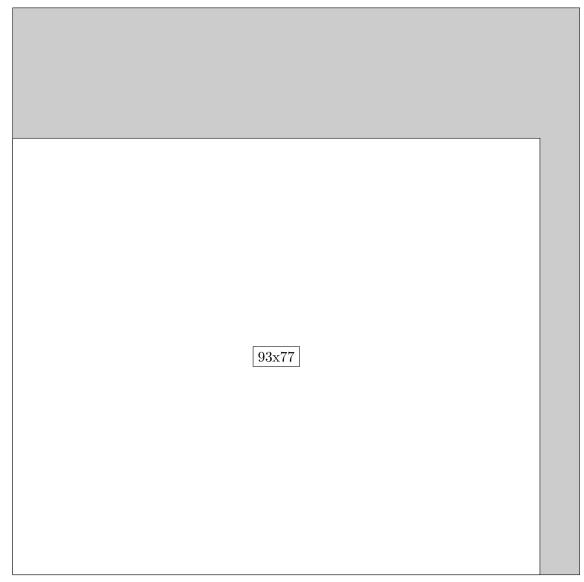
 $\le =98$, h =79 , x =0 , y =0 , v =7742



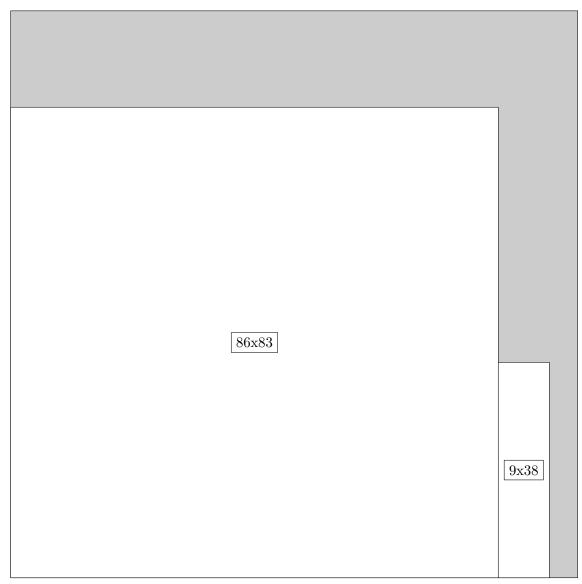
 $\overline{\mathbf{w}} = 96$, $\mathbf{h} = 80$, $\mathbf{x} = 0$, $\mathbf{y} = 0$, $\mathbf{v} = 7680$



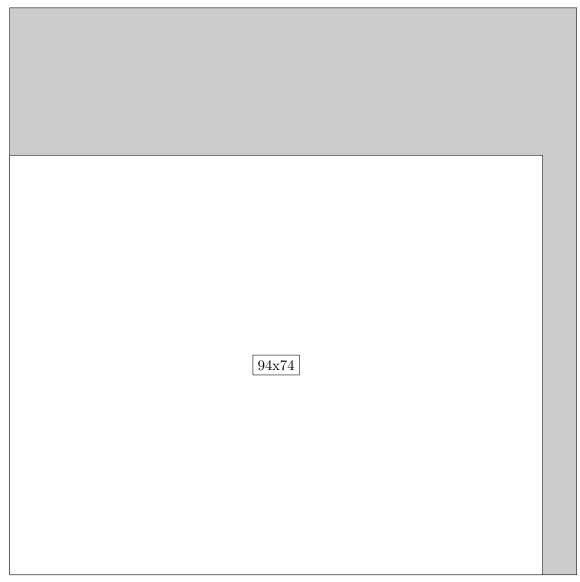
 $\le =91$, h =82 , x =0 , y =0 , v =7462



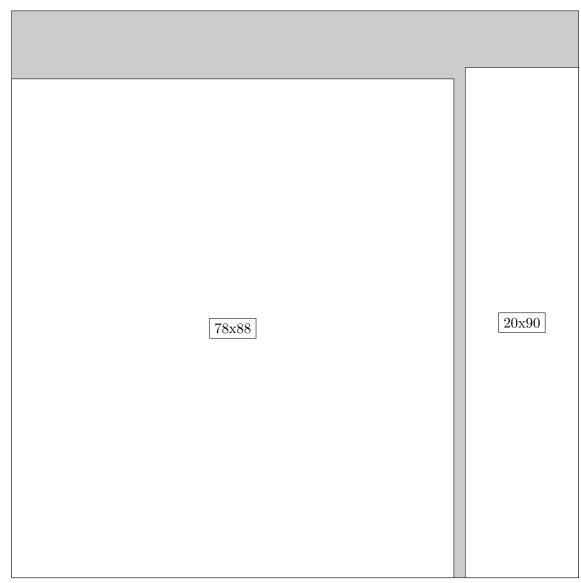
 $\le =93$, h =77 , x =0 , y =0 , v =7161

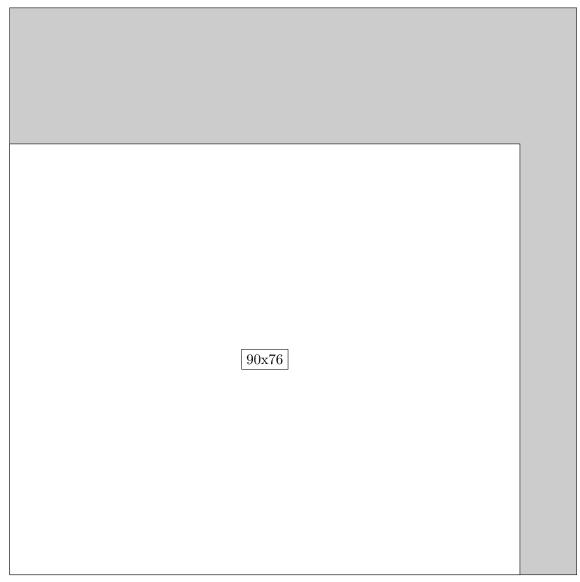


 $\begin{array}{l} w = \! 86 \; , \; h = \! 83 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 7138 \\ w = \! 9 \; , \; h = \! 38 \; , \; x = \! 86 \; , \; y = \! 0 \; , \; v = \! 342 \end{array}$

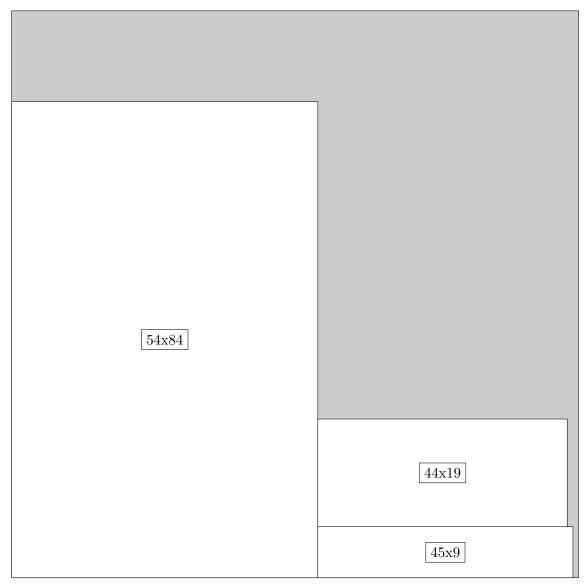


w = 94, h = 74, x = 0, y = 0, v = 6956

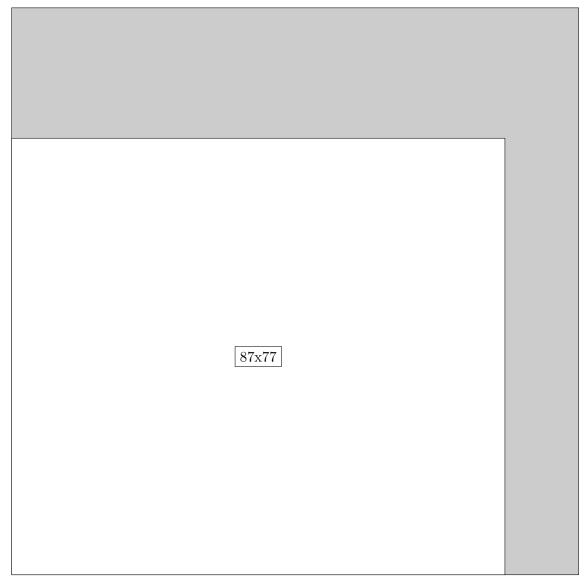




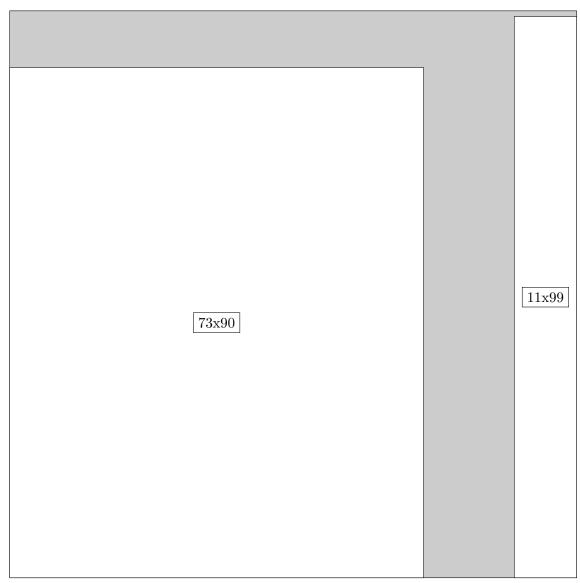
 $\overline{\mathbf{w}} = 90$, $\mathbf{h} = 76$, $\mathbf{x} = 0$, $\mathbf{y} = 0$, $\mathbf{v} = 6840$

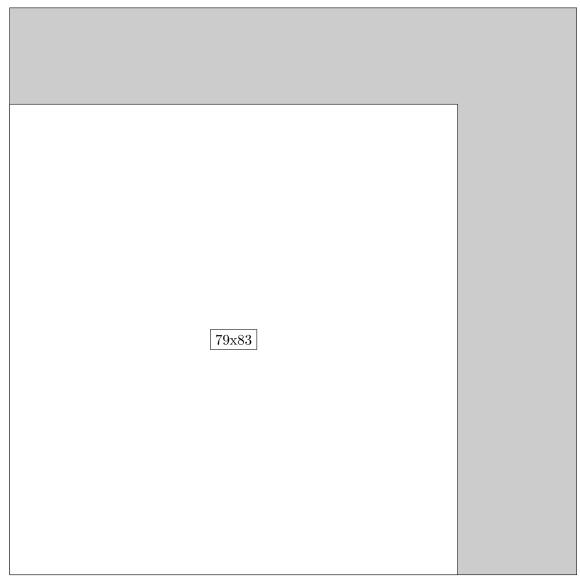


$$\begin{array}{l} w = \!54 \;,\; h = \!84 \;,\; x = \!0 \;,\; y = \!0 \;,\; v = \!\!4536 \\ w = \!\!44 \;,\; h = \!\!19 \;,\; x = \!\!54 \;,\; y = \!\!9 \;,\; v = \!\!836 \\ w = \!\!45 \;,\; h = \!\!9 \;,\; x = \!\!54 \;,\; y = \!\!0 \;,\; v = \!\!405 \end{array}$$

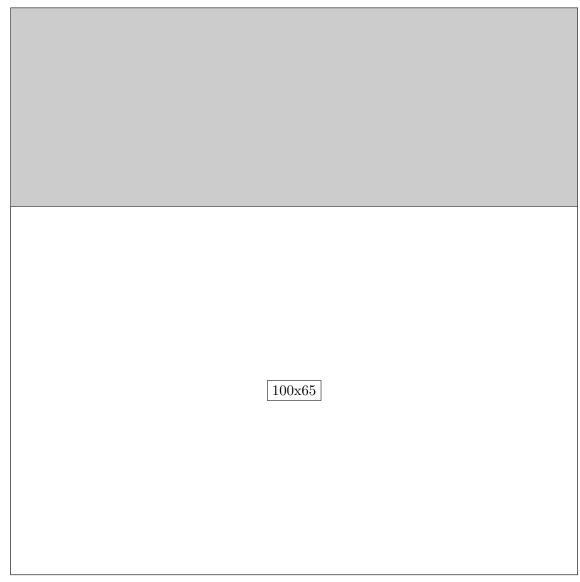


w = 87, h = 77, x = 0, y = 0, v = 6699

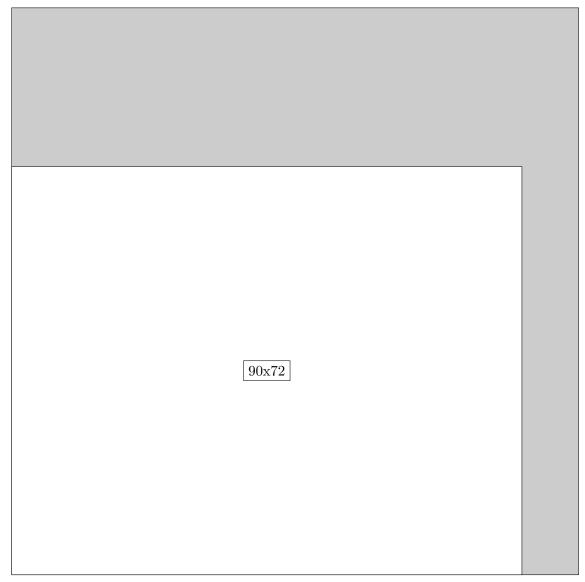




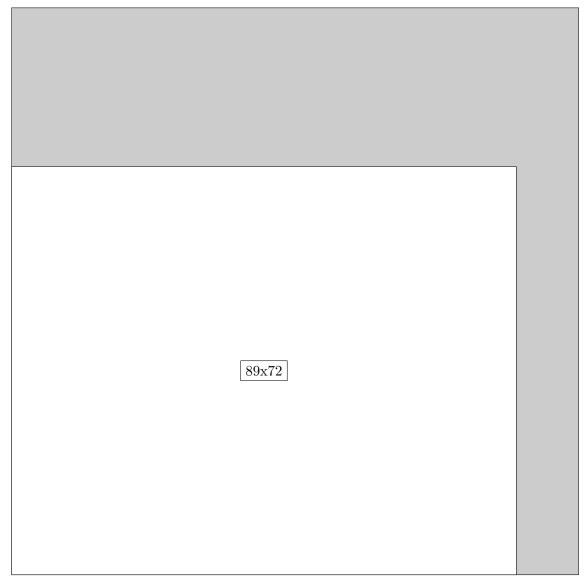
 \mathbf{w} =79 , h =83 , x =0 , y =0 , v =6557



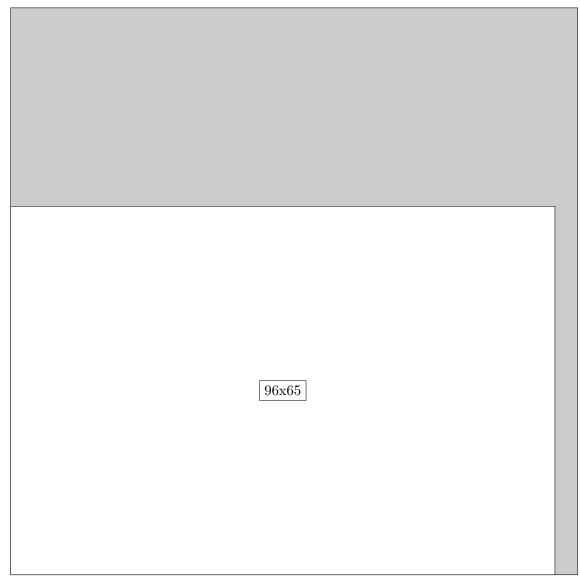
 $\le =100$, h =65 , x =0 , y =0 , v =6500



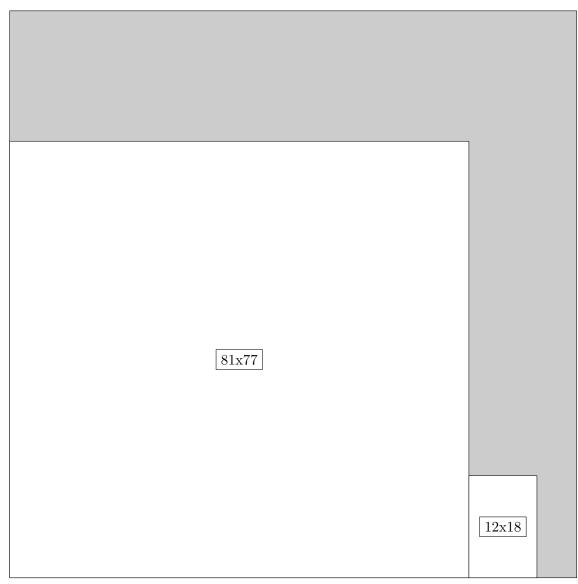
w = 90, h = 72, x = 0, y = 0, v = 6480

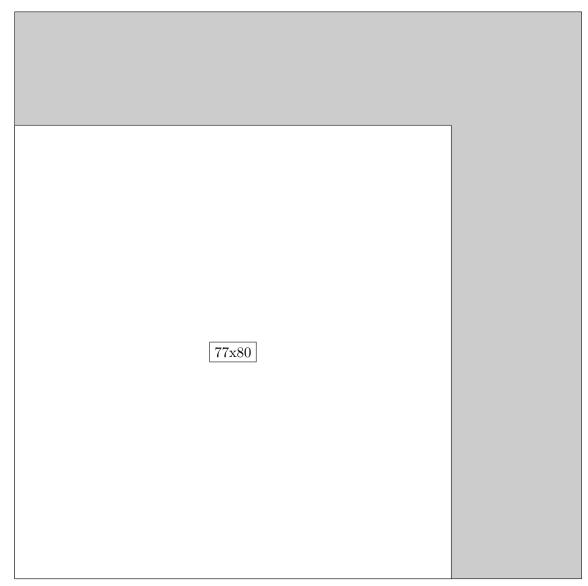


 $\le =89$, h =72 , x =0 , y =0 , v =6408

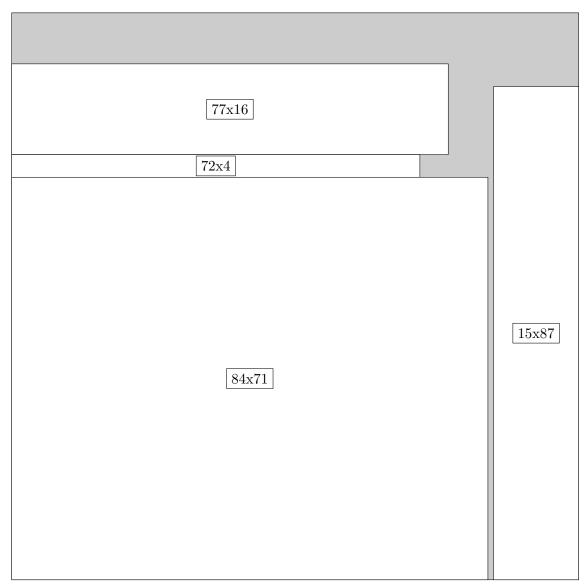


 $\le =96$, h =65 , x =0 , y =0 , v =6240





 $\overline{\mathbf{w}} = 77$, $\mathbf{h} = 80$, $\mathbf{x} = 0$, $\mathbf{y} = 0$, $\mathbf{v} = 6160$

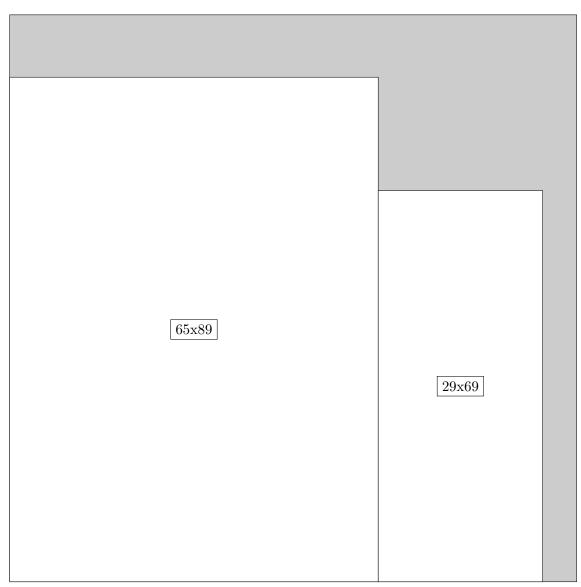


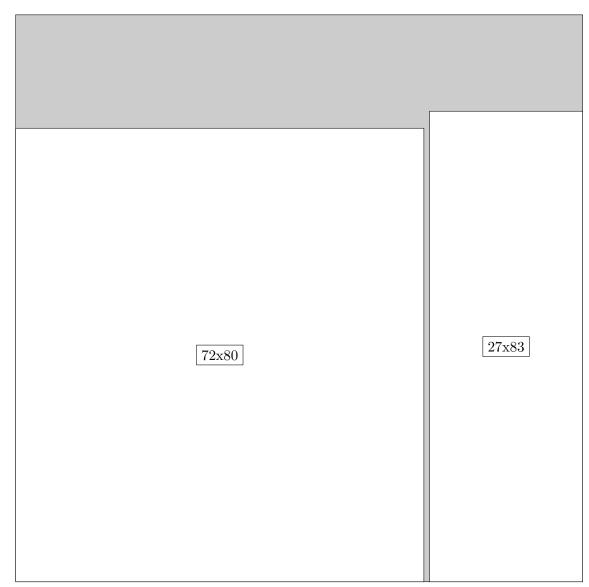
$$w$$
 =84 , h =71 , x =0 , y =0 , v =5964

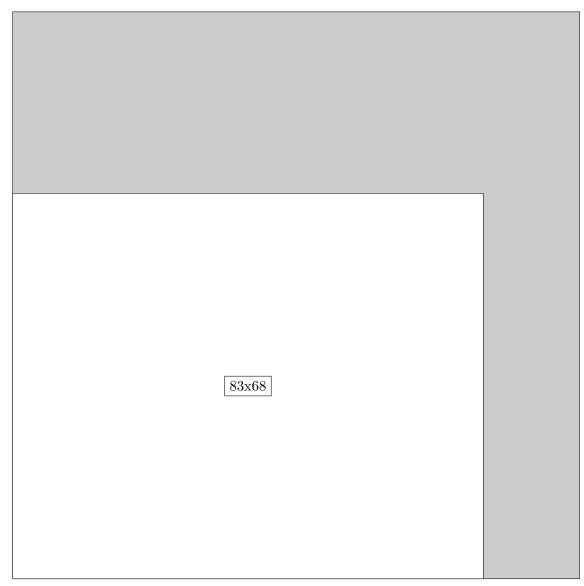
$$w=\!15$$
 , $h=\!87$, $x=\!85$, $y=\!0$, $v=\!1305$

$$\le =77$$
 , h =16 , x =0 , y =75 , v =1232

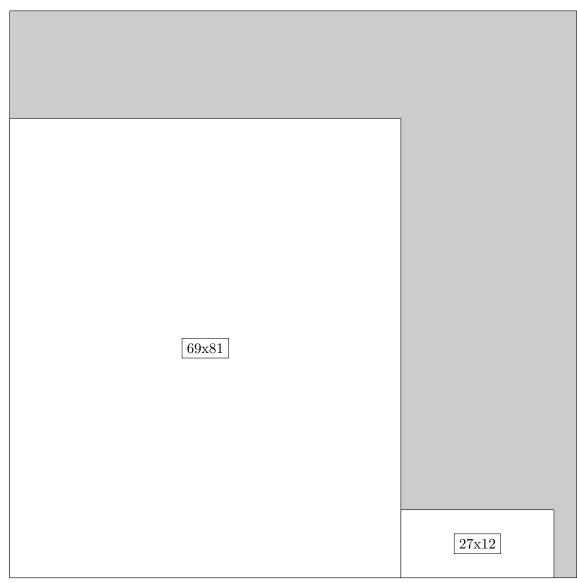
$$\mathbf{w}$$
 =72 , h =4 , x =0 , y =71 , v =288



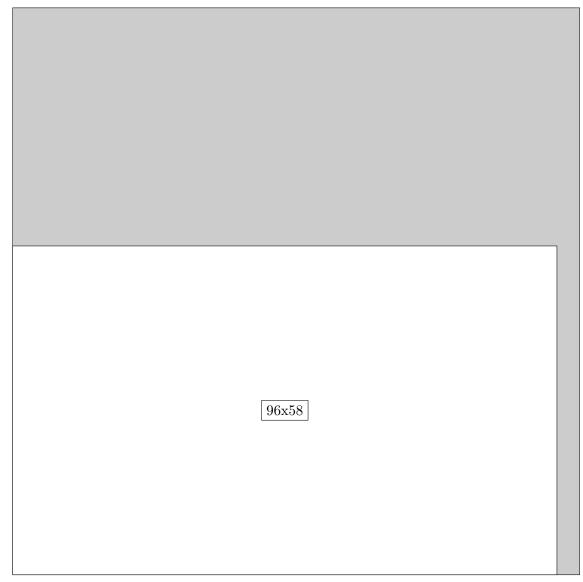




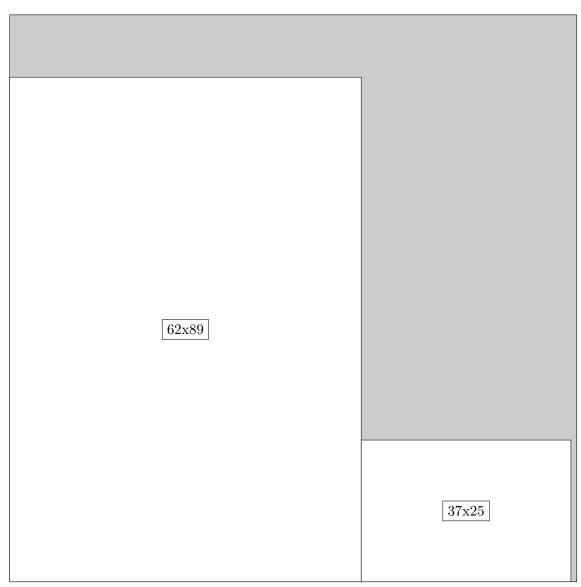
w = 83, h = 68, x = 0, y = 0, v = 5644



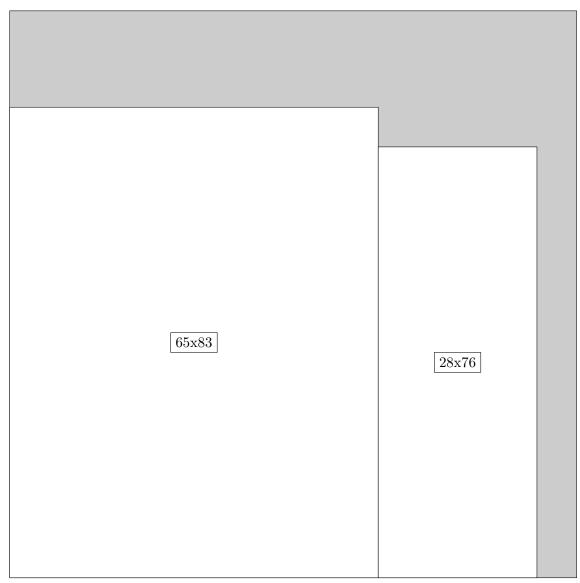
$$\begin{array}{c} w = 69 \; , \; h = \!\! 81 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 5589 \\ w = \!\! 27 \; , \; h = \!\! 12 \; , \; x = \!\! 69 \; , \; y = \!\! 0 \; , \; v = \!\! 324 \\ \end{array}$$



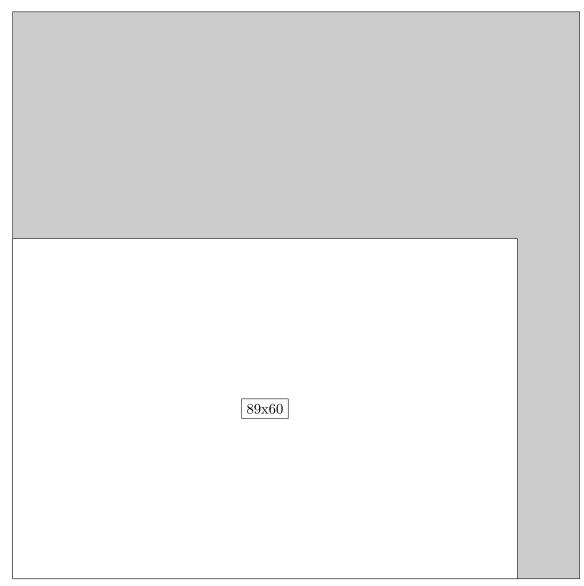
 $\le =96$, h=58 , x=0 , y=0 , v=5568



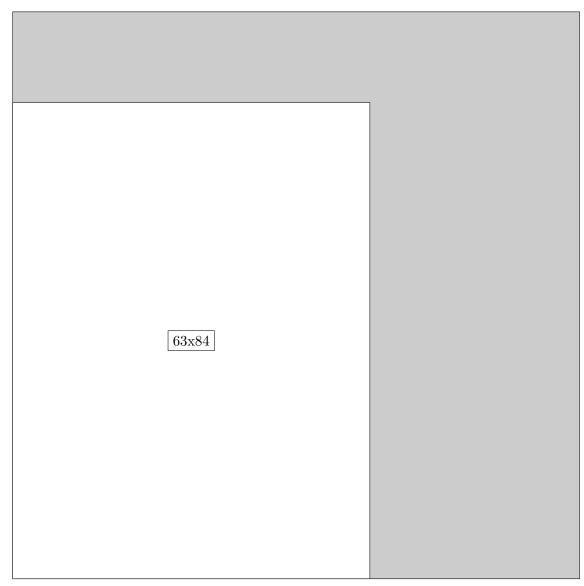
$$\begin{array}{c} w = 62 \; , \; h = 89 \; , \; x = 0 \; , \; y = 0 \; , \; v = 5518 \\ w = 37 \; , \; h = 25 \; , \; x = 62 \; , \; y = 0 \; , \; v = 925 \\ \end{array}$$



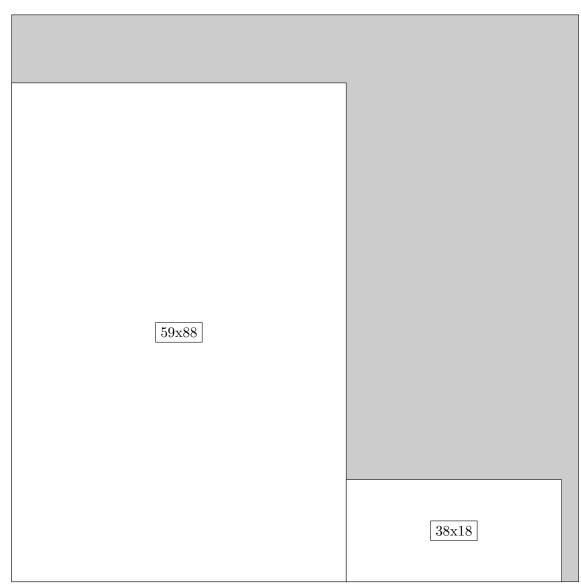
$$\begin{array}{c} w = \!\!65 \; , \; h = \!\!83 \; , \; x = \!\!0 \; , \; y = \!\!0 \; , \; v = \!\!5395 \\ w = \!\!28 \; , \; h = \!\!76 \; , \; x = \!\!65 \; , \; y = \!\!0 \; , \; v = \!\!2128 \\ \end{array}$$

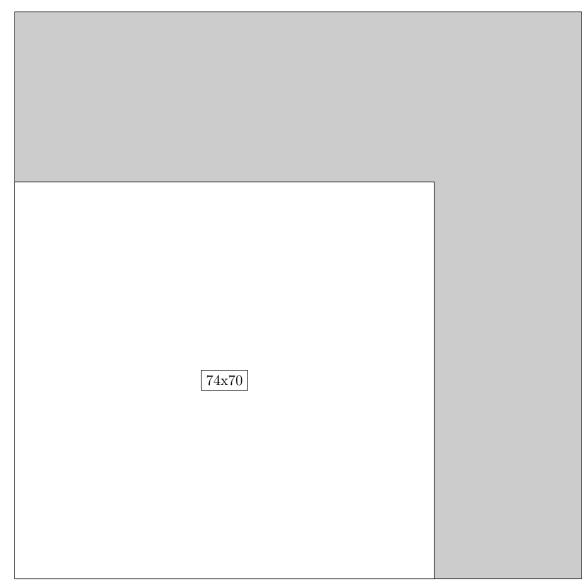


 $\le =89$, h =60 , x =0 , y =0 , v =5340

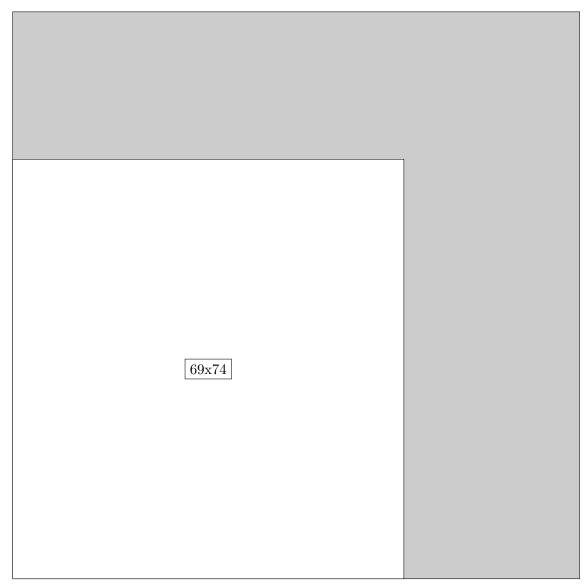


w = 63, h = 84, x = 0, y = 0, v = 5292





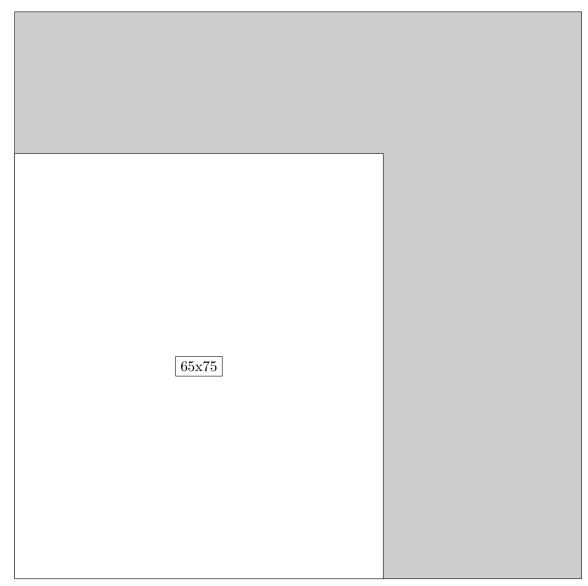
w = 74, h = 70, x = 0, y = 0, v = 5180



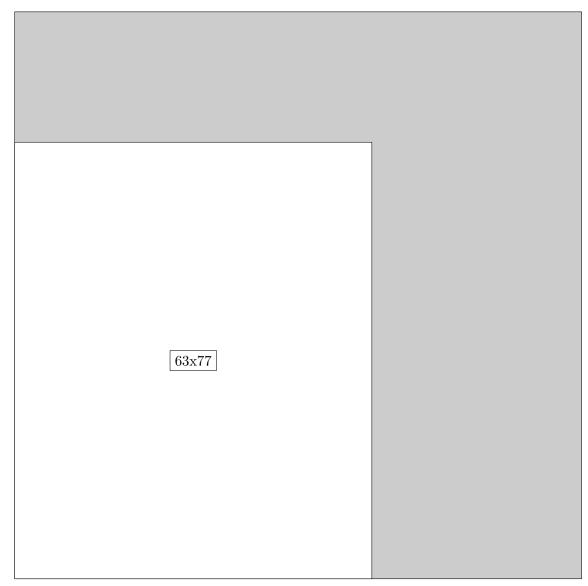
w = 69, h = 74, x = 0, y = 0, v = 5106



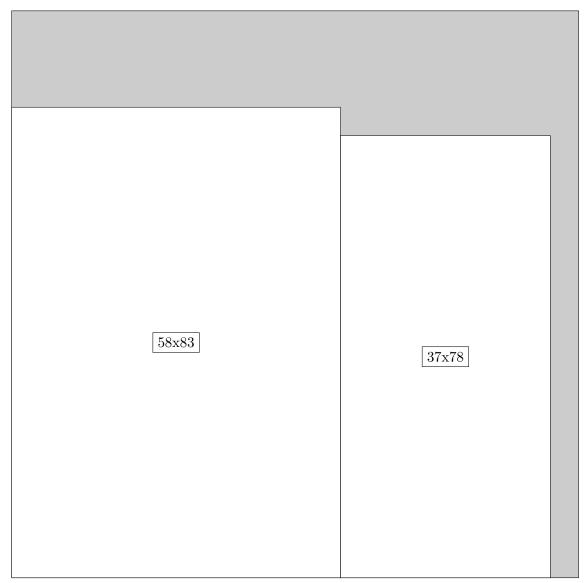
w = 74, h = 67, x = 0, y = 0, v = 4958

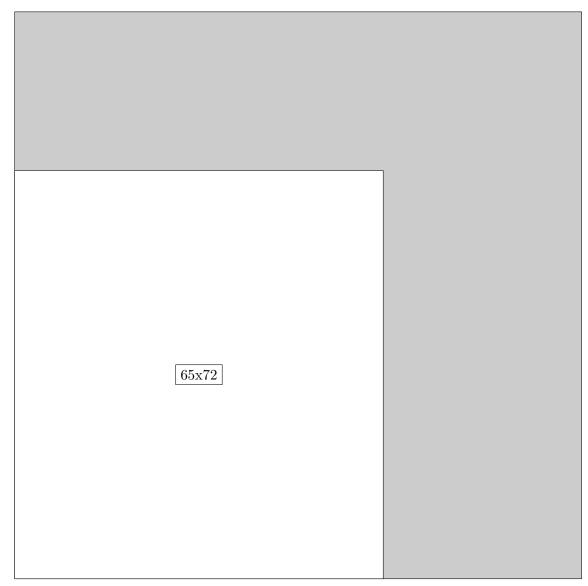


w = 65, h = 75, x = 0, y = 0, v = 4875

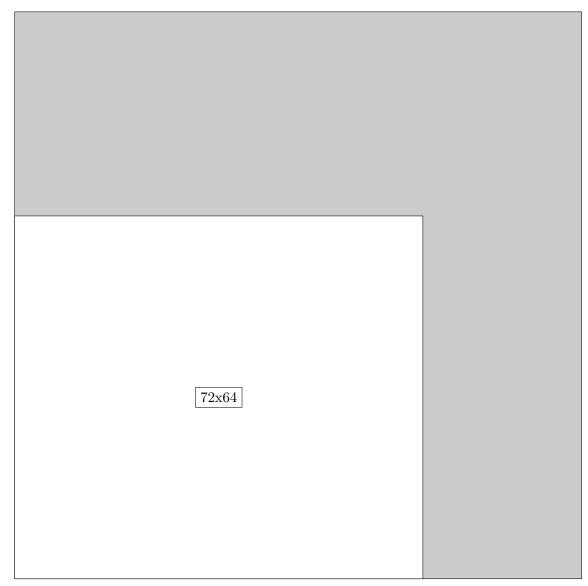


w = 63, h = 77, x = 0, y = 0, v = 4851

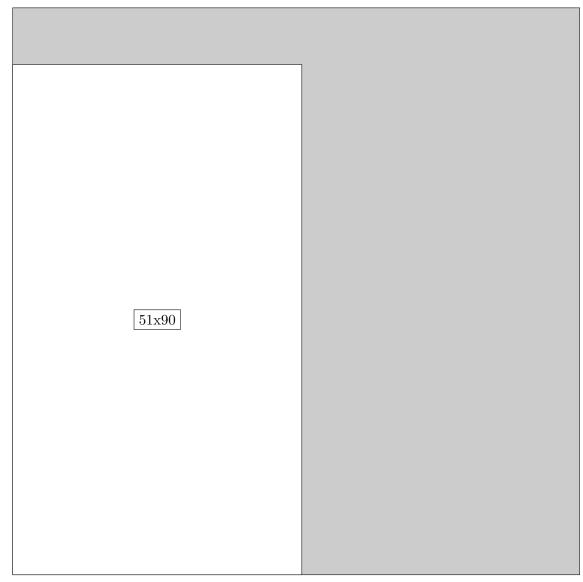




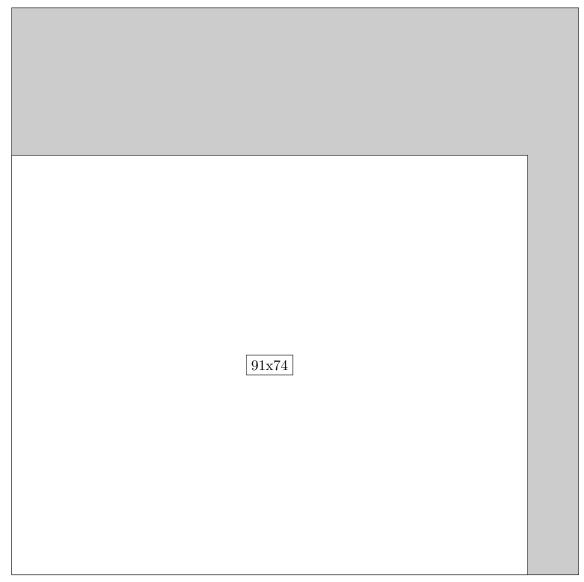
w = 65, h = 72, x = 0, y = 0, v = 4680



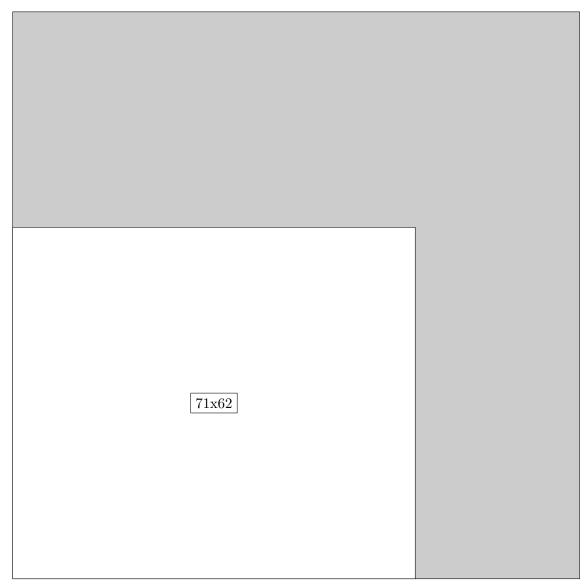
w = 72, h = 64, x = 0, y = 0, v = 4608



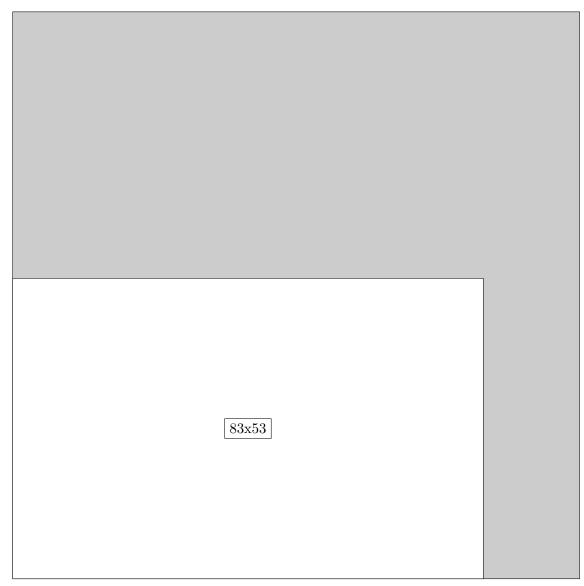
 $\overline{w} = 51$, h = 90, x = 0, y = 0, v = 4590



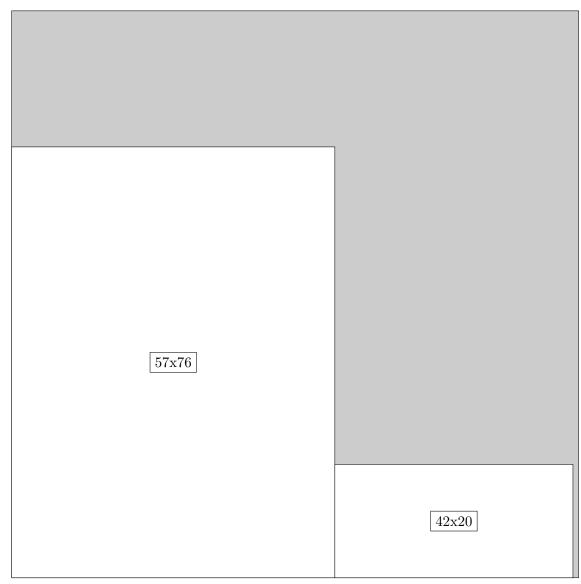
 \mathbf{w} =91 , h =74 , x =0 , y =0 , v =6734

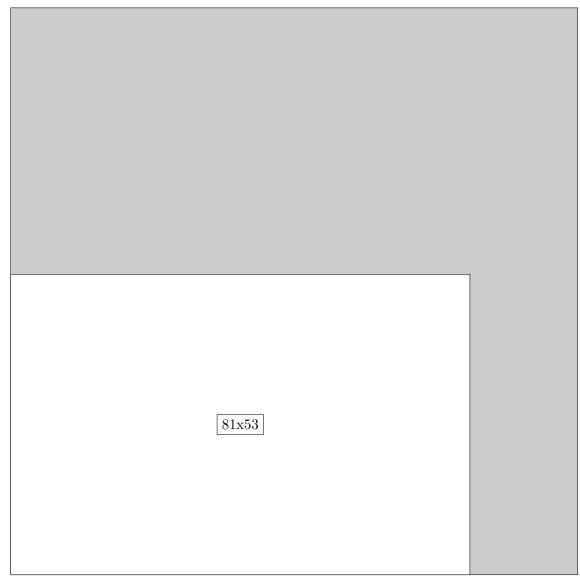


w = 71, h = 62, x = 0, y = 0, v = 4402

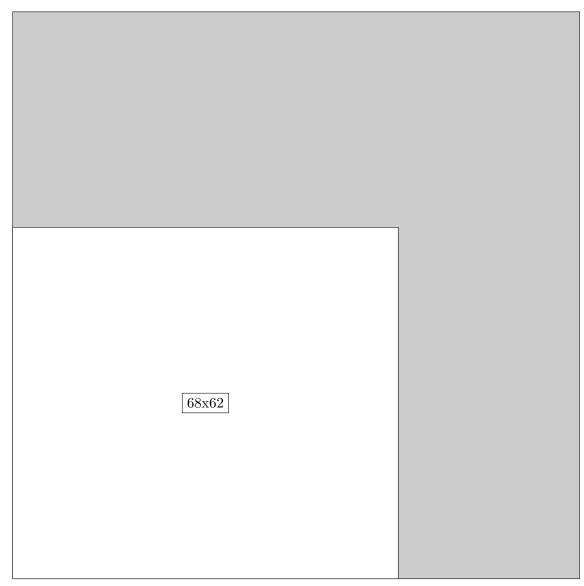


 $\le =83$, h =53 , x =0 , y =0 , v =4399

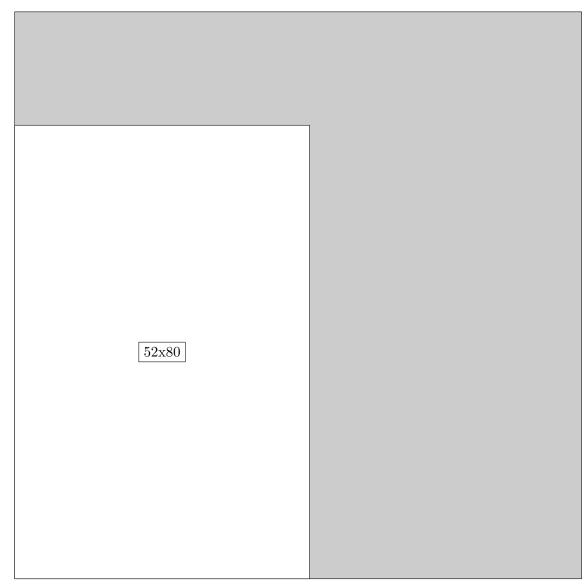




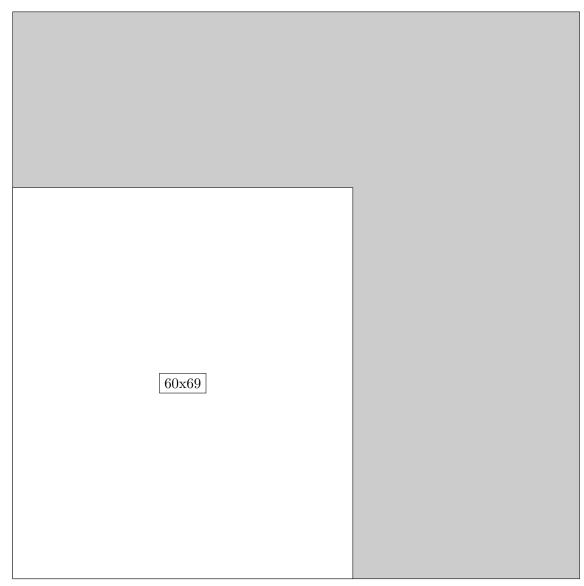
w = 81, h = 53, x = 0, y = 0, v = 4293



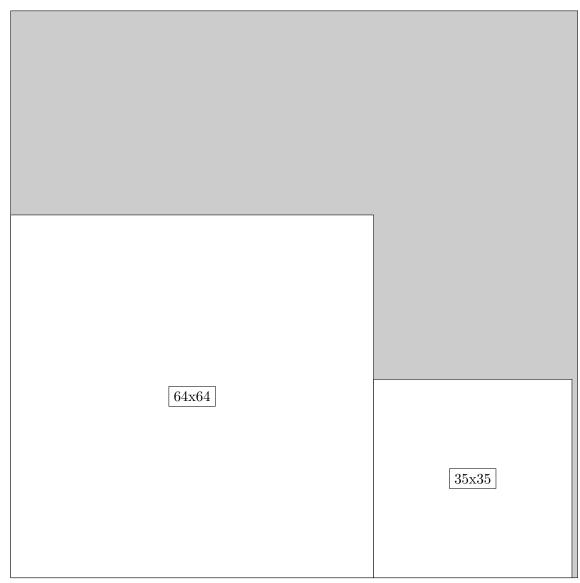
w = 68, h = 62, x = 0, y = 0, v = 4216

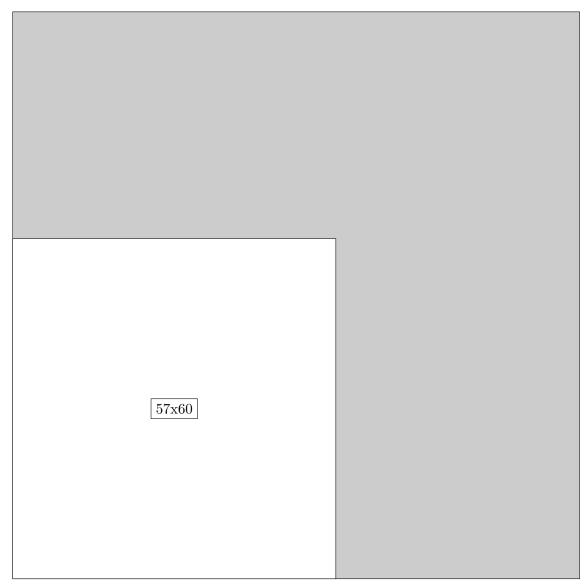


w = 52, h = 80, x = 0, y = 0, v = 4160

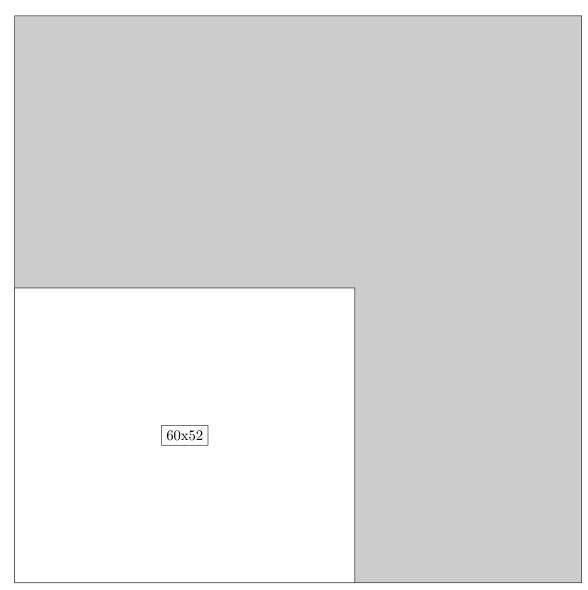


w = 60, h = 69, x = 0, y = 0, v = 4140

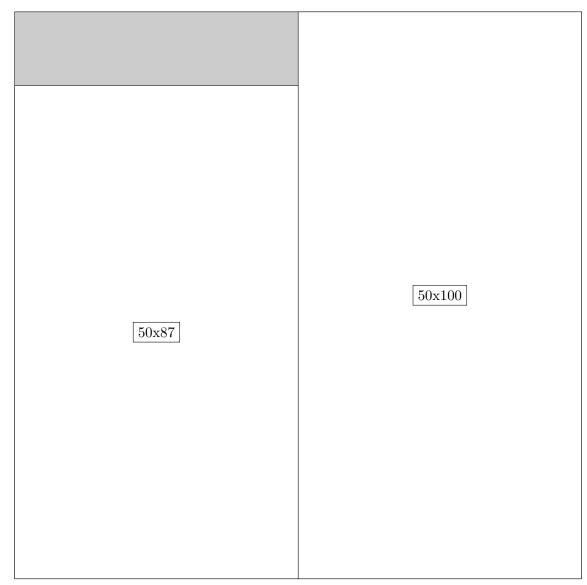




w = 57, h = 60, x = 0, y = 0, v = 3420



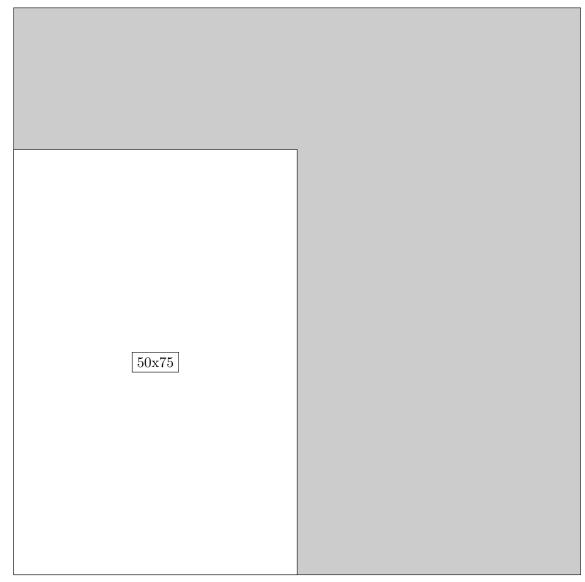
w = 60, h = 52, x = 0, y = 0, v = 3120



w =50, h =100, x =50, y =0, v =5000 w =50, h =87, x =0, y =0, v =4350



$$\begin{array}{l} w = \!\! 75 \ , \ h = \!\! 50 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3750 \\ w = \!\! 55 \ , \ h = \!\! 50 \ , \ x = \!\! 0 \ , \ y = \!\! 50 \ , \ v = \!\! 2750 \end{array}$$



 $\overline{w} = 50$, h = 75, x = 0, y = 0, v = 3750