$ClassName: \ Class_09.2bp-36$

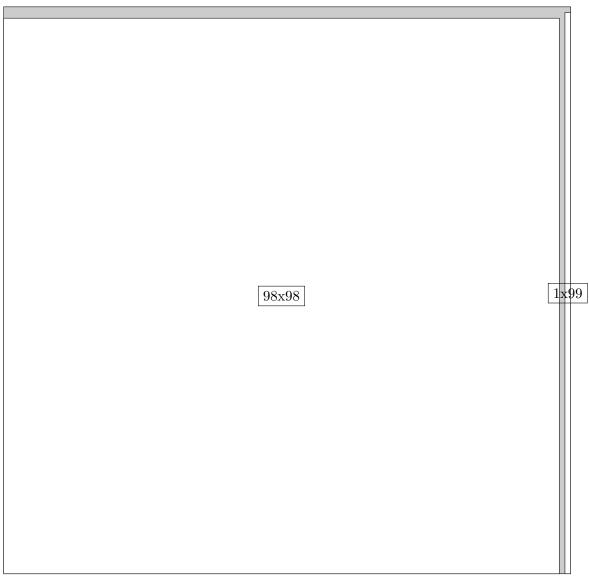
BinSize: $\underline{100 \times 100}$ ReduceSize: $\underline{100 \times 100}$

TypeNum: <u>80</u>
Num: <u>80</u>
OutS: <u>590000</u>
InS: <u>384942</u>
Rate: <u>0.652</u>
UB: <u>59</u>
LB0: <u>59</u>
LB: <u>59</u>

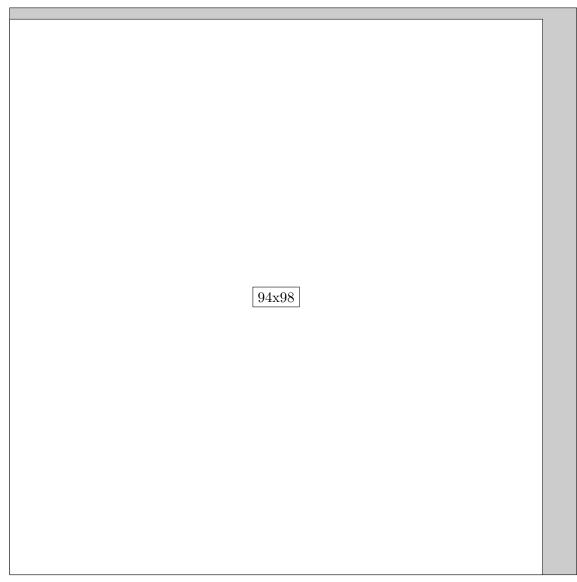
LBWithCut: $\underline{\mathbf{59}}$ NodeCut: $\underline{\mathbf{0}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{59}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: **true**

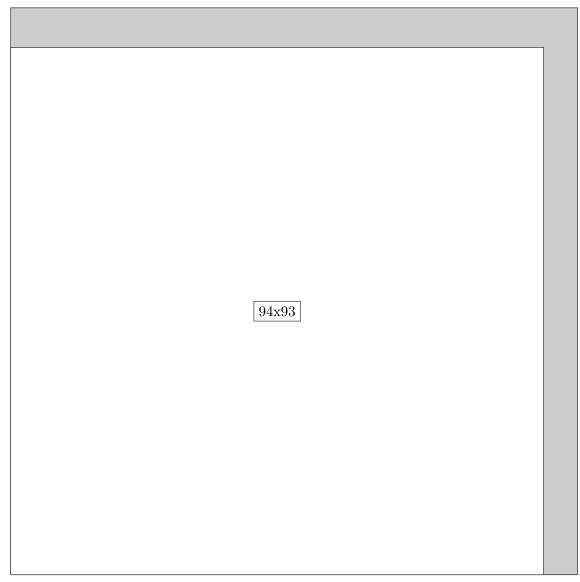
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.140 s



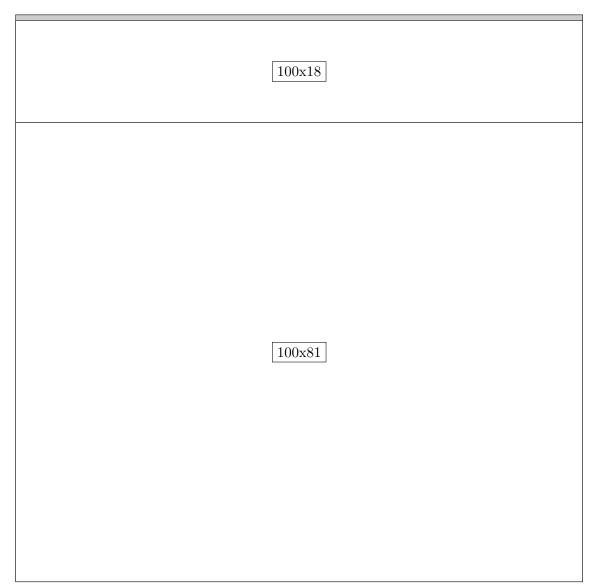
w =98, h =98, x =0, y =0, v =9604 w =1, h =99, x =99, y =0, v =99

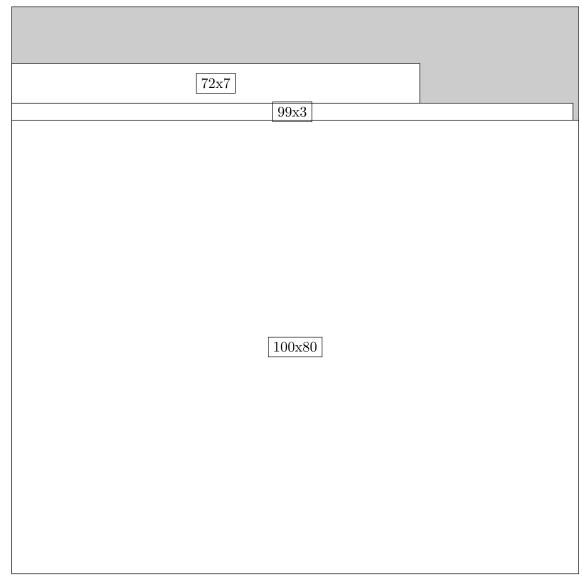


 $\le =94$, h =98 , x =0 , y =0 , v =9212



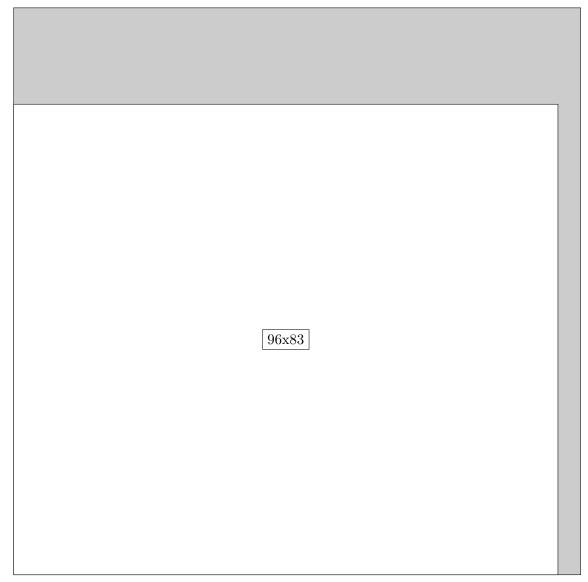
w = 94, h = 93, x = 0, y = 0, v = 8742



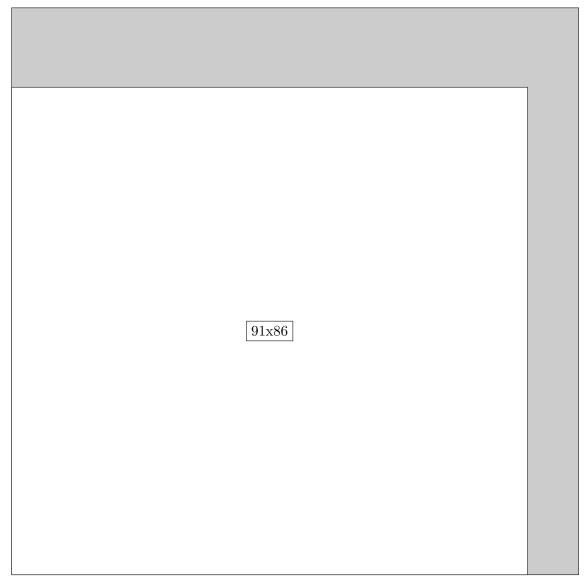


$$w = 100$$
, $h = 80$, $x = 0$, $y = 0$, $v = 8000$

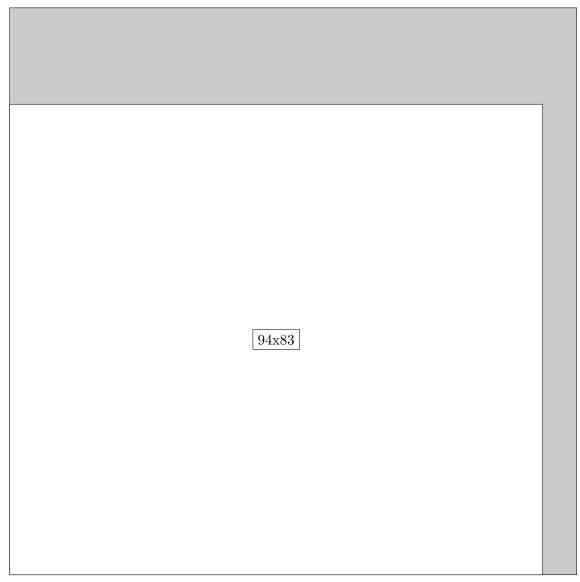
$$\begin{array}{l} w = 72 \ , \ h = 7 \ , \ x = 0 \ , \ y = 83 \ , \ v = 504 \\ w = 99 \ , \ h = 3 \ , \ x = 0 \ , \ y = 80 \ , \ v = 297 \end{array}$$



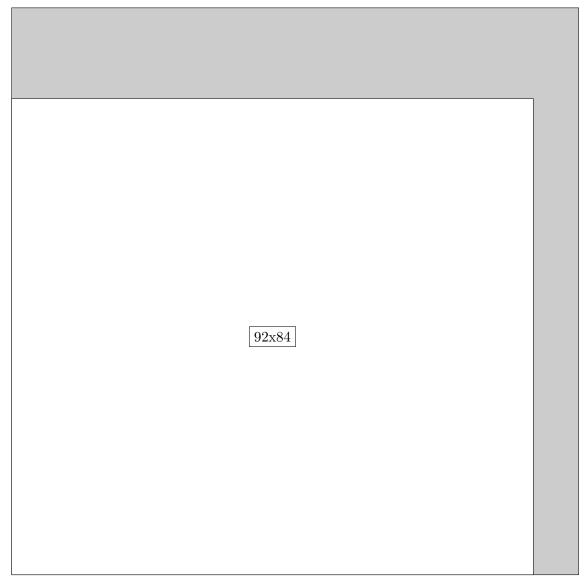
 $\le =96$, h =83 , x =0 , y =0 , v =7968



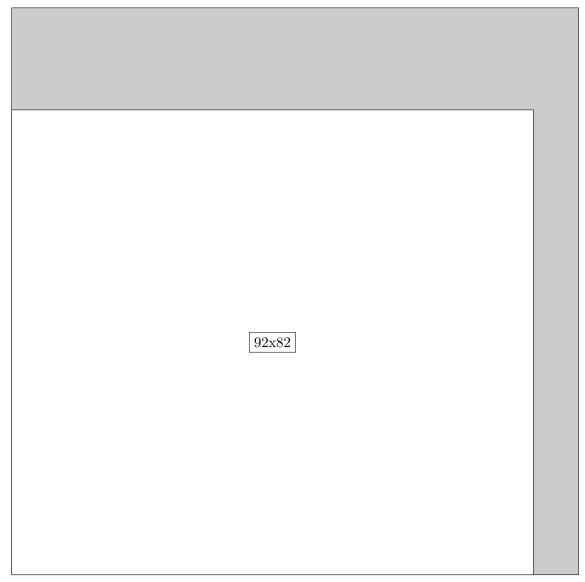
 $\le =91$, h =86 , x =0 , y =0 , v =7826



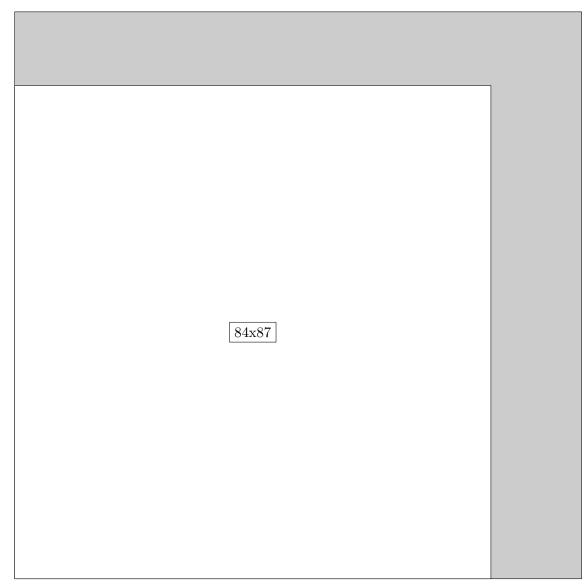
 $\le =94$, h =83 , x =0 , y =0 , v =7802



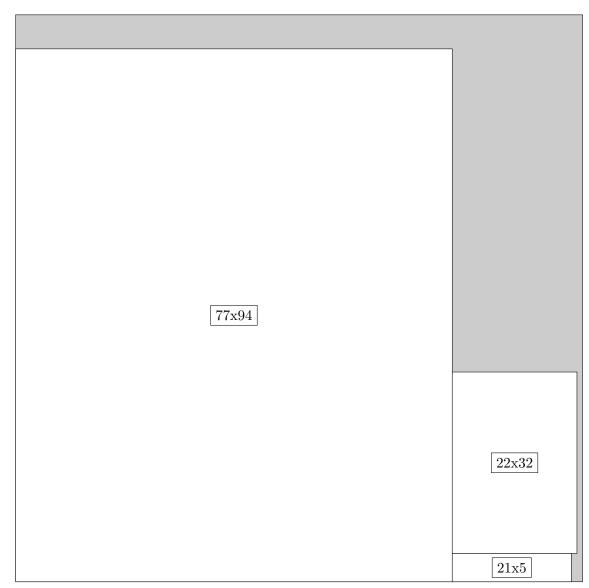
 $\le =92$, h =84 , x =0 , y =0 , v =7728



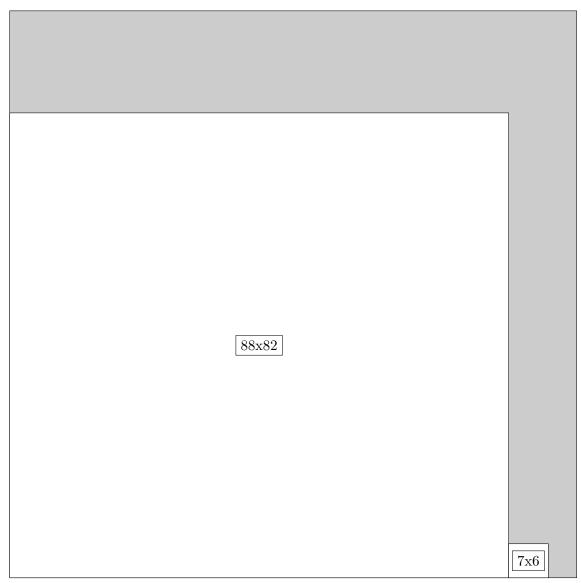
 $\le =92$, h =82 , x =0 , y =0 , v =7544



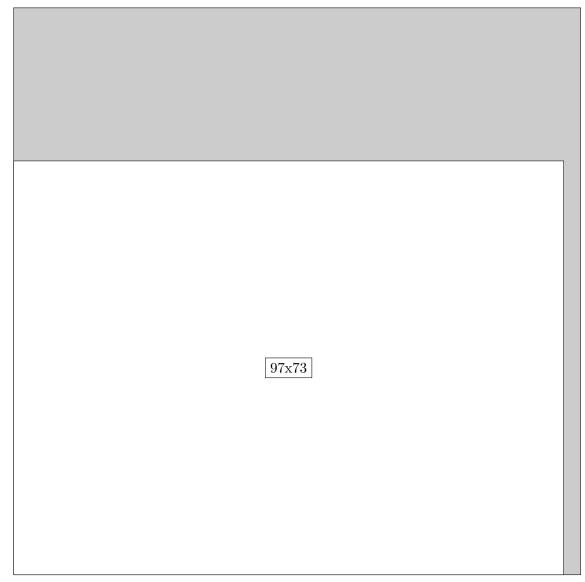
 $\le =84$, h =87 , x =0 , y =0 , v =7308



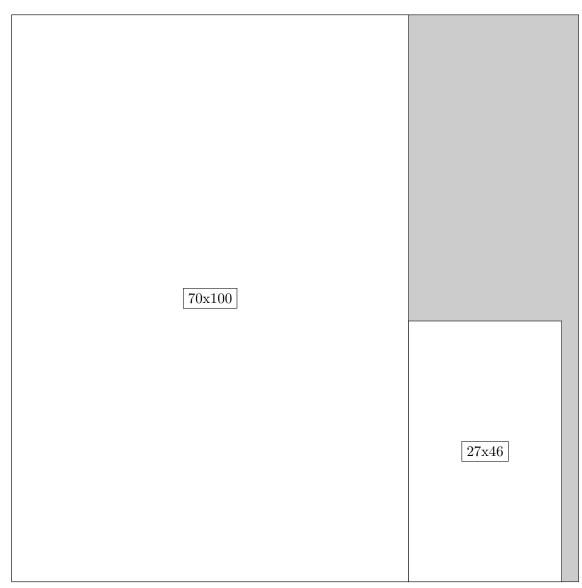
$$\begin{array}{l} w = \!\!\! 77 \ , \ h = \!\!\! 94 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 7238 \\ w = \!\!\! 22 \ , \ h = \!\!\! 32 \ , \ x = \!\!\! 77 \ , \ y = \!\!\! 5 \ , \ v = \!\!\! 704 \\ w = \!\!\! 21 \ , \ h = \!\!\! 5 \ , \ x = \!\!\! 77 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 105 \end{array}$$



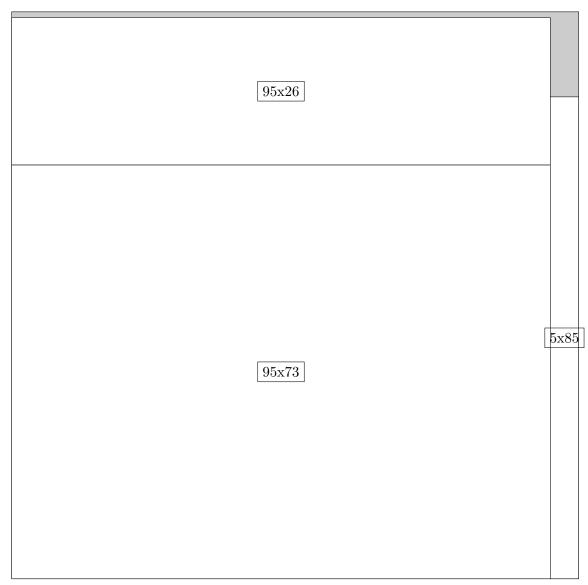
 $\begin{array}{l} w = \! 88 \ , \, h = \! 82 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 7216 \\ w = \! 7 \ , \, h = \! 6 \ , \, x = \! 88 \ , \, y = \! 0 \ , \, v = \! 42 \end{array}$



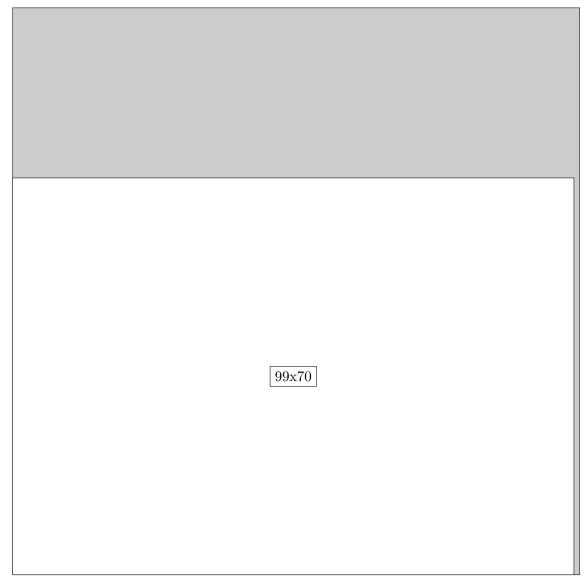
w = 97, h = 73, x = 0, y = 0, v = 7081



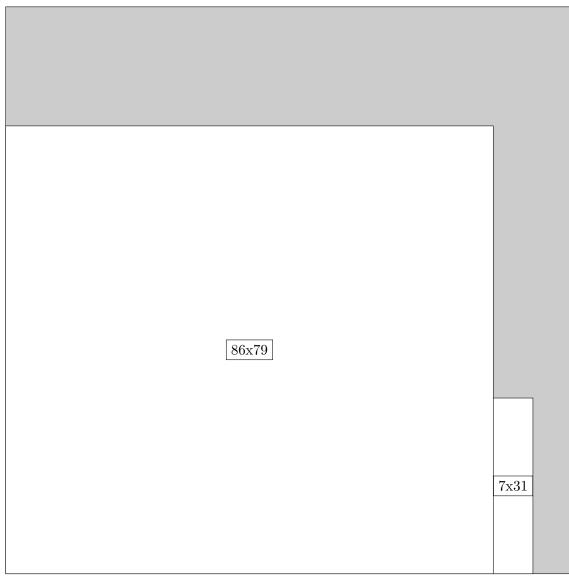
$$\begin{array}{c} w = 70 \ , \ h = 100 \ , \ x = 0 \ , \ y = 0 \ , \ v = 7000 \\ w = 27 \ , \ h = 46 \ , \ x = 70 \ , \ y = 0 \ , \ v = 1242 \\ \end{array}$$



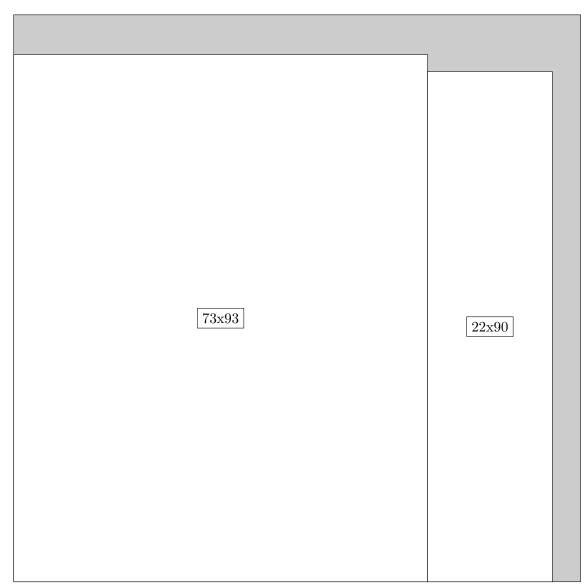
$$\begin{array}{l} w = \! 95 \ , \ h = \! 73 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6935 \\ w = \! 95 \ , \ h = \! 26 \ , \ x = \! 0 \ , \ y = \! 73 \ , \ v = \! 2470 \\ w = \! 5 \ , \ h = \! 85 \ , \ x = \! 95 \ , \ y = \! 0 \ , \ v = \! 425 \end{array}$$

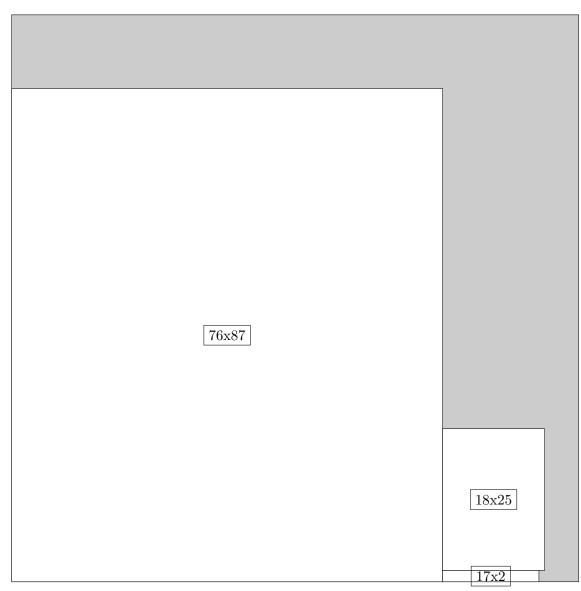


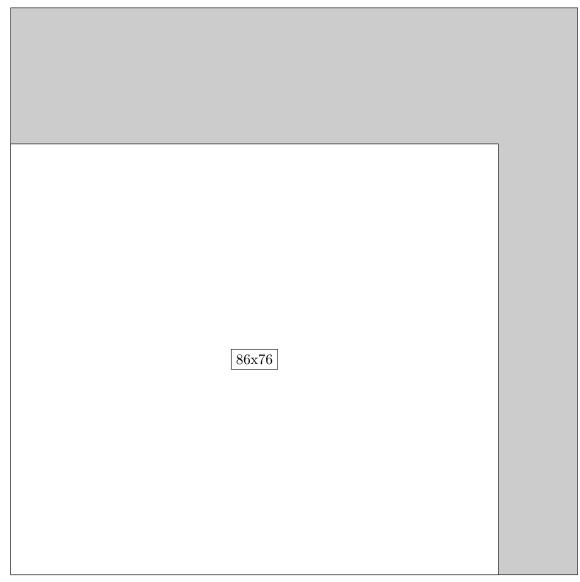
 $\overline{\rm w}$ =99 , h =70 , x =0 , y =0 , v =6930



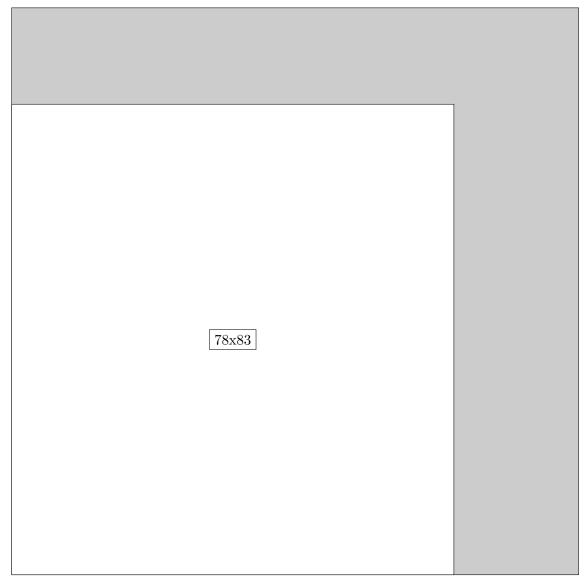
$$\begin{array}{l} w = \! 86 \ , \, h = \! 79 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 6794 \\ w = \! 7 \ , \, h = \! 31 \ , \, x = \! 86 \ , \, y = \! 0 \ , \, v = \! 217 \end{array}$$



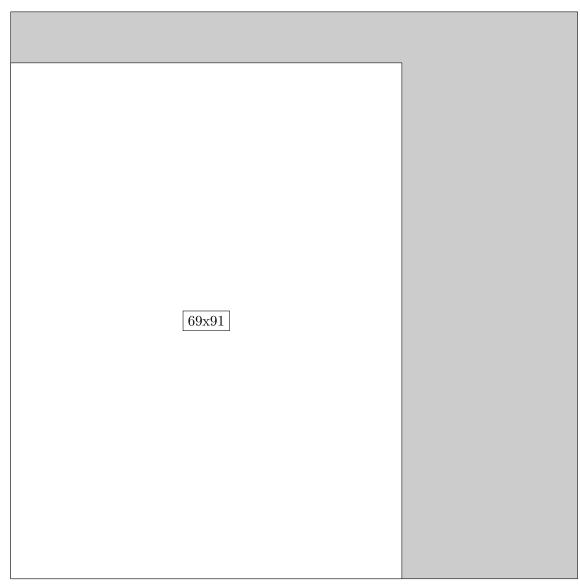




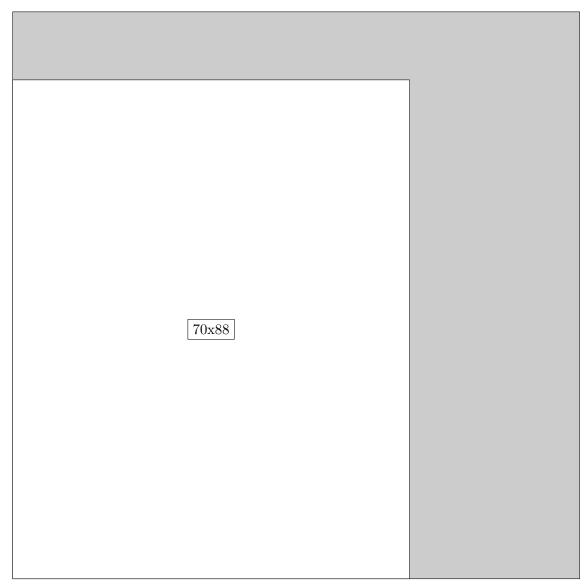
w = 86, h = 76, x = 0, y = 0, v = 6536



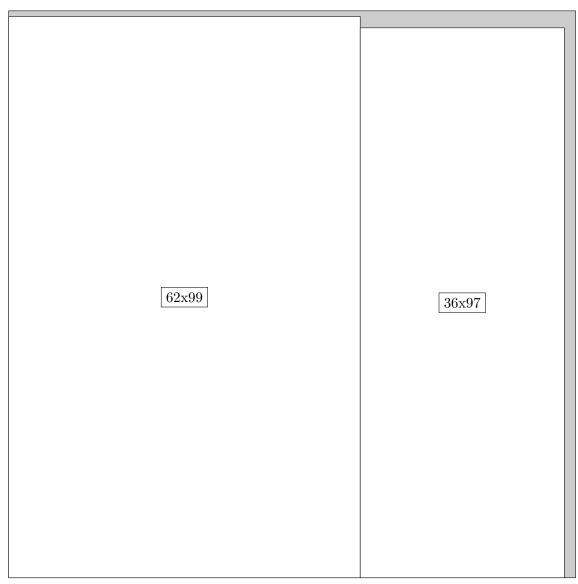
w = 78, h = 83, x = 0, y = 0, v = 6474



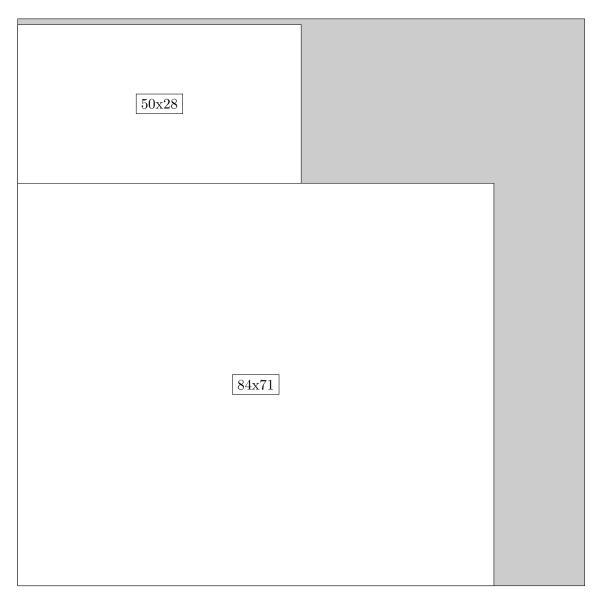
w = 69, h = 91, x = 0, y = 0, v = 6279



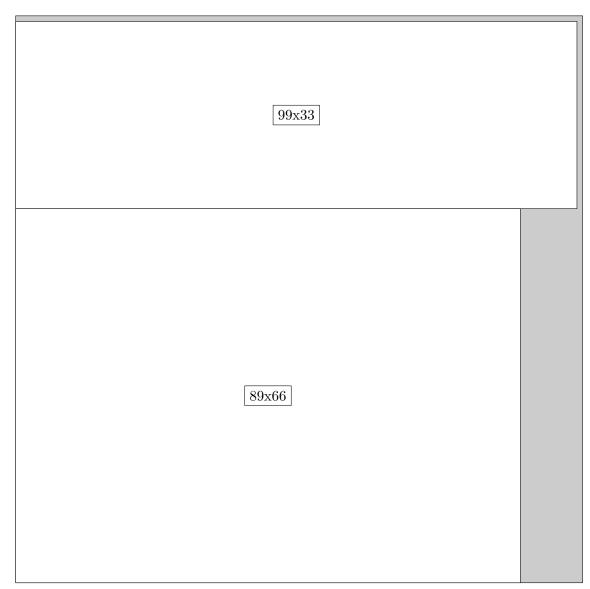
w = 70, h = 88, x = 0, y = 0, v = 6160

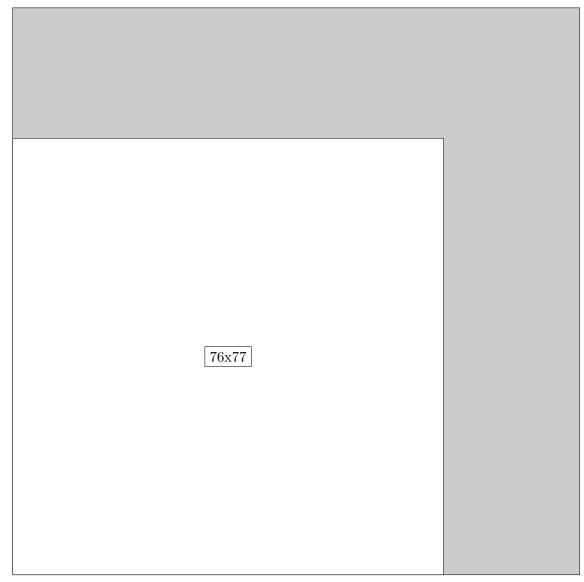


$$\begin{array}{c} w = 62 \; , \; h = 99 \; , \; x = 0 \; , \; y = 0 \; , \; v = 6138 \\ w = 36 \; , \; h = 97 \; , \; x = 62 \; , \; y = 0 \; , \; v = 3492 \end{array}$$

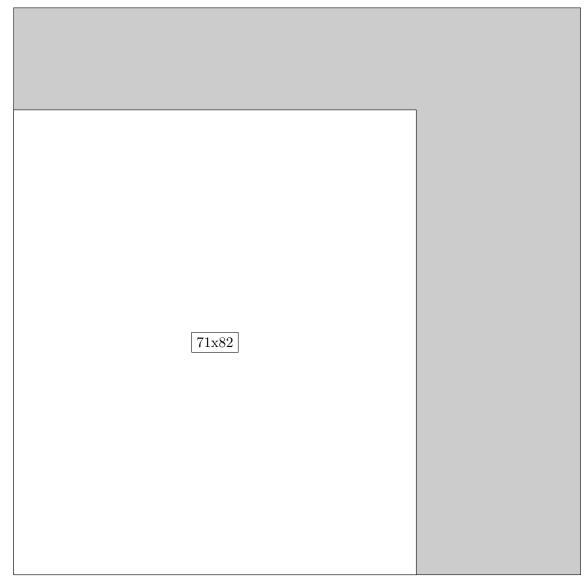


$$\begin{array}{l} w = \! 50 \ , \ h = \! 28 \ , \ x = \! 0 \ , \ y = \! 71 \ , \ v = \! 1400 \\ w = \! 84 \ , \ h = \! 71 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5964 \end{array}$$

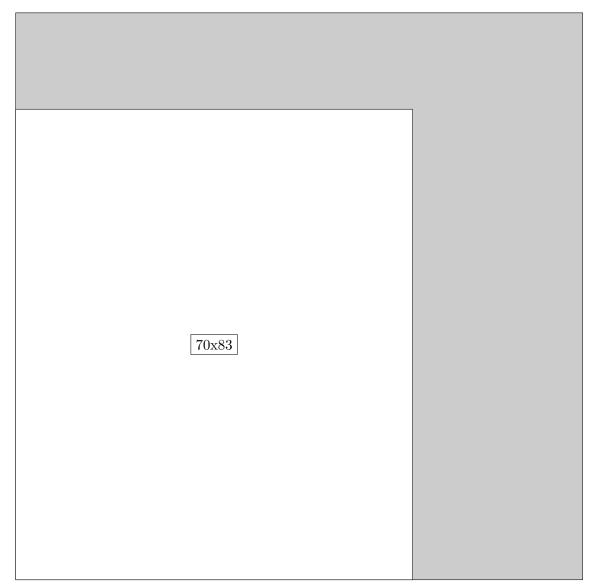




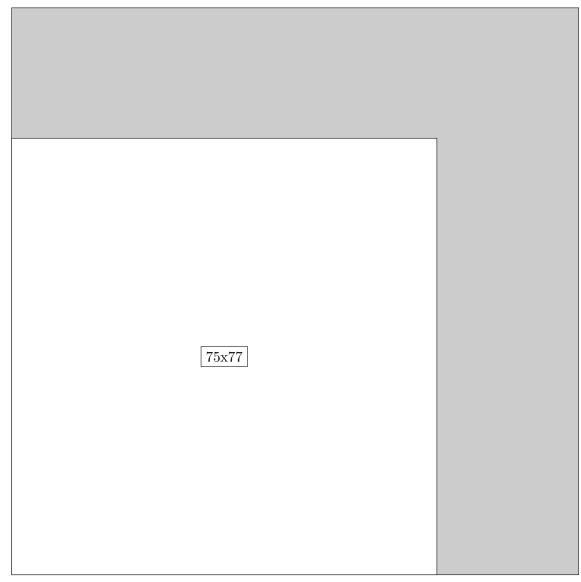
w = 76, h = 77, x = 0, y = 0, v = 5852



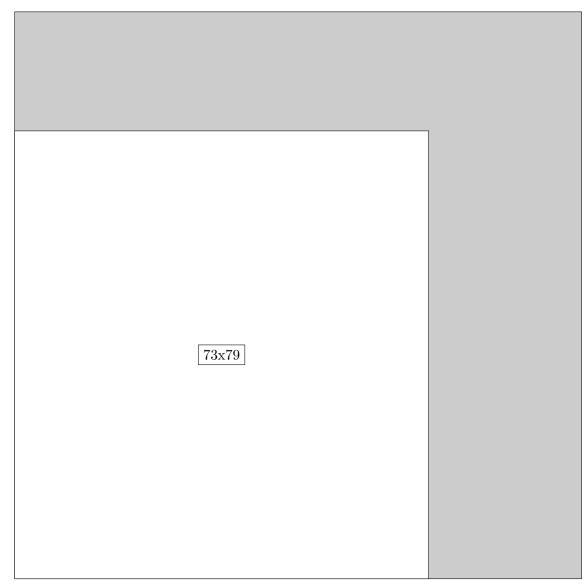
w = 71, h = 82, x = 0, y = 0, v = 5822



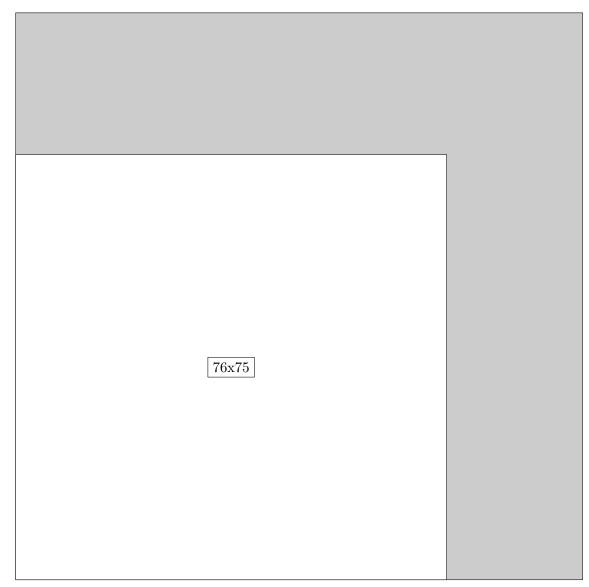
w = 70, h = 83, x = 0, y = 0, v = 5810



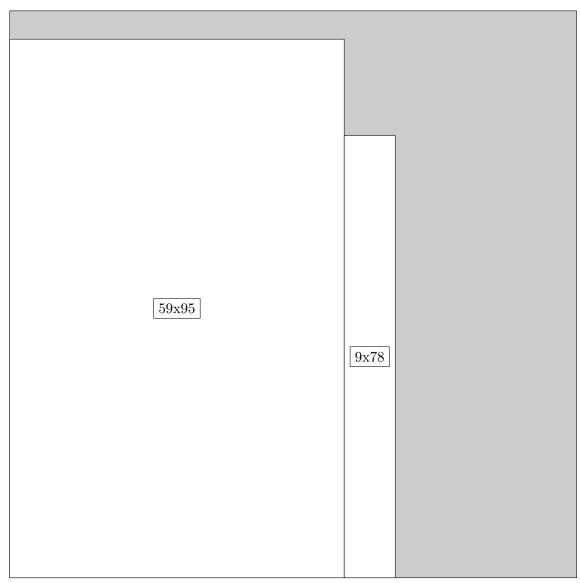
w = 75, h = 77, x = 0, y = 0, v = 5775



w = 73, h = 79, x = 0, y = 0, v = 5767

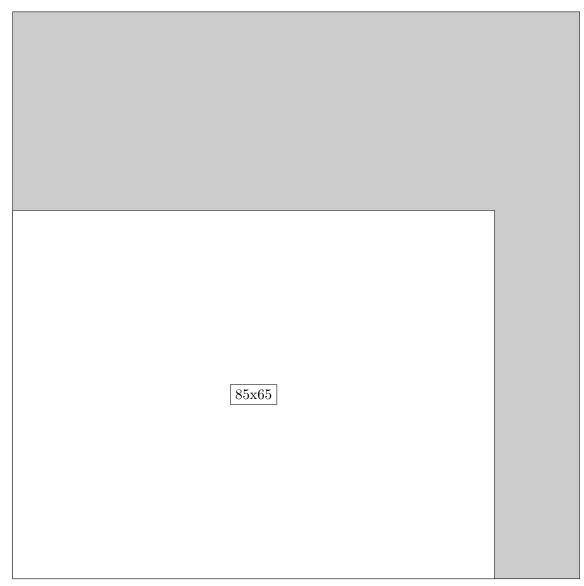


 $\overline{\mathbf{w}} = 76$, $\mathbf{h} = 75$, $\mathbf{x} = 0$, $\mathbf{y} = 0$, $\mathbf{v} = 5700$

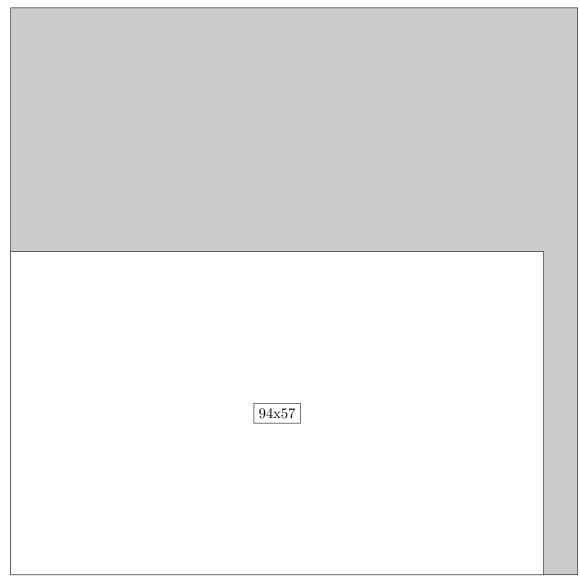


w =59, h =95, x =0, y =0, v =5605 w =9, h =78, x =59, y =0, v =702

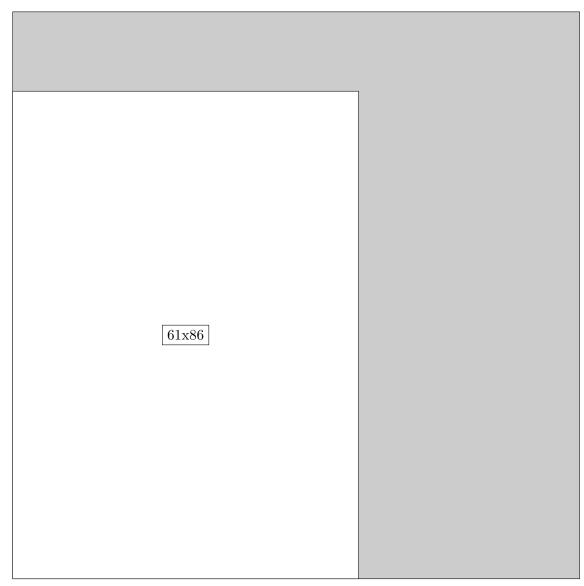




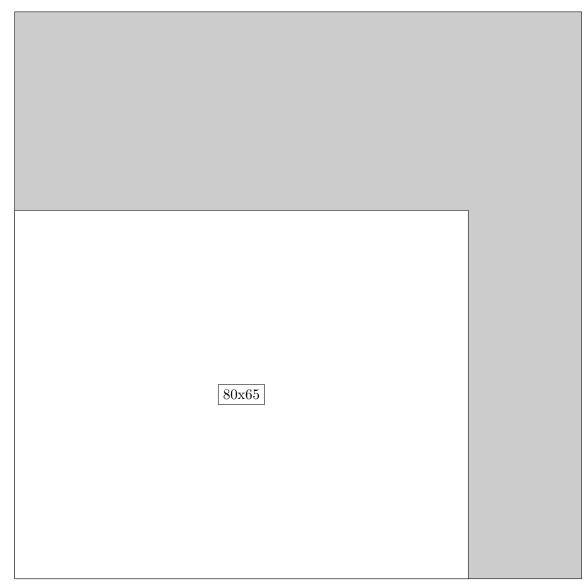
 $\le =85$, h =65 , x =0 , y =0 , v =5525



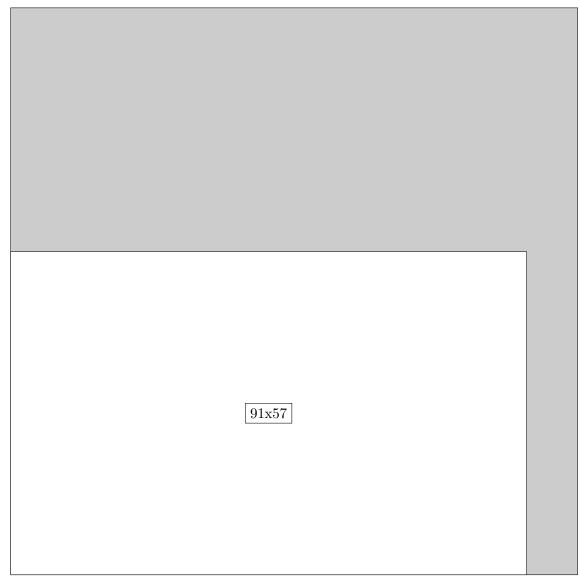
 $\le =94$, h =57 , x =0 , y =0 , v =5358



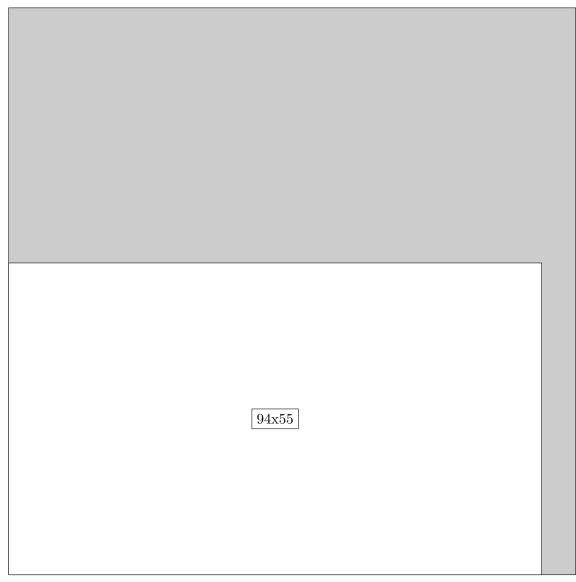
w = 61, h = 86, x = 0, y = 0, v = 5246



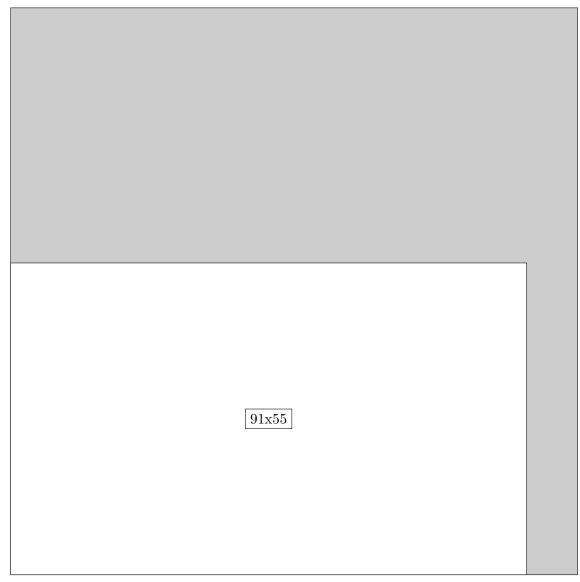
 $\le =80$, h =65 , x =0 , y =0 , v =5200



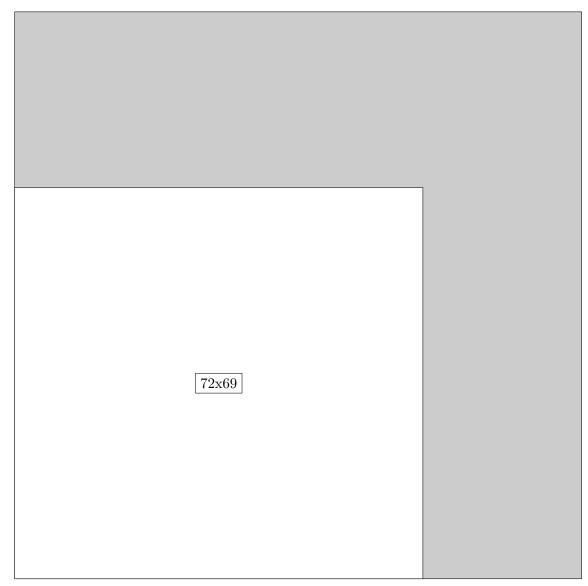
 $\le =91$, h =57 , x =0 , y =0 , v =5187



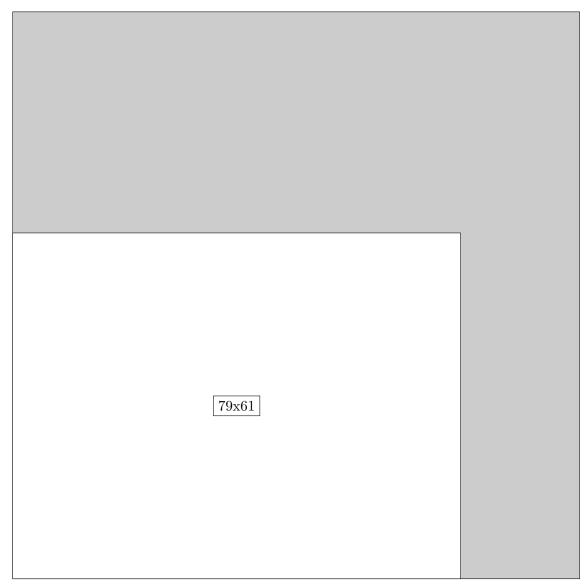
 $\le =94$, h =55 , x =0 , y =0 , v =5170



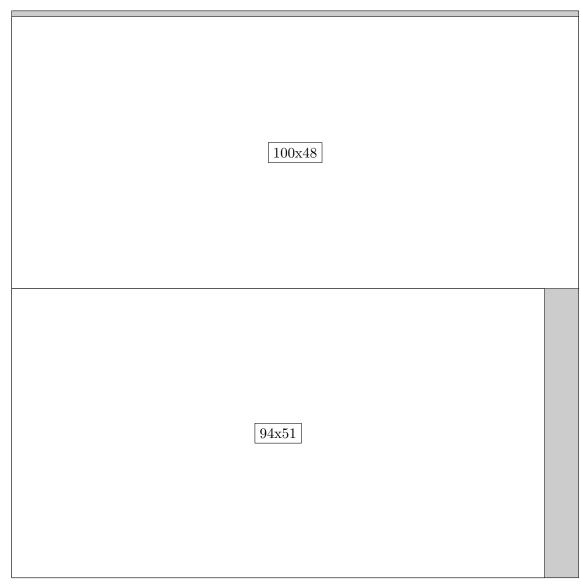
 $\le =91$, h =55 , x =0 , y =0 , v =5005



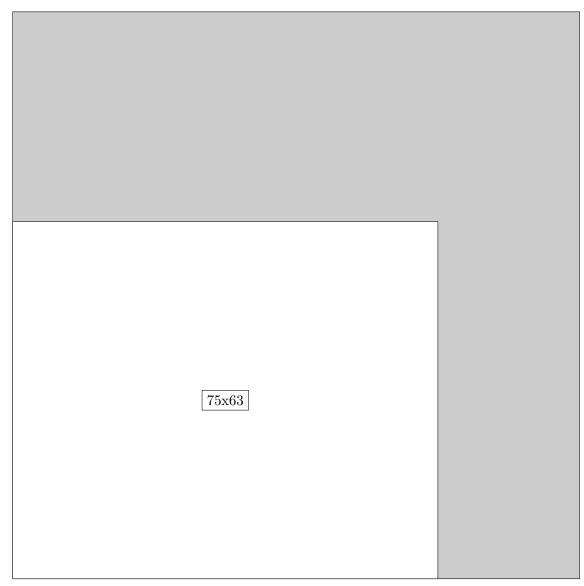
w = 72, h = 69, x = 0, y = 0, v = 4968



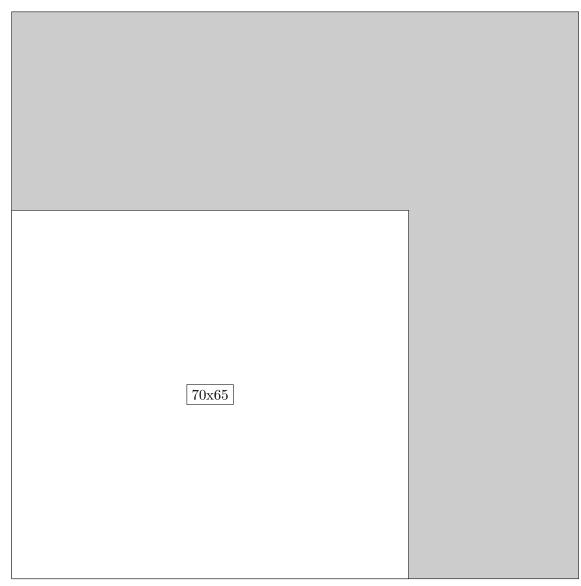
w = 79, h = 61, x = 0, y = 0, v = 4819



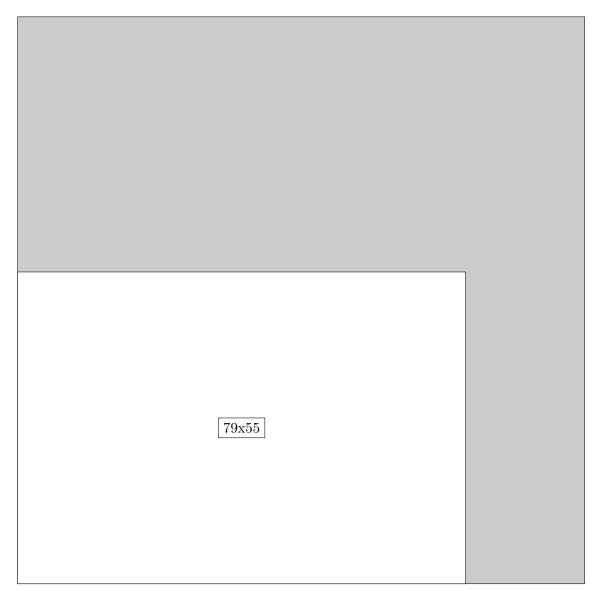
$$\begin{array}{l} w = \! 100 \ , \ h = \! 48 \ , \ x = \! 0 \ , \ y = \! 51 \ , \ v = \! 4800 \\ w = \! 94 \ , \ h = \! 51 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4794 \end{array}$$



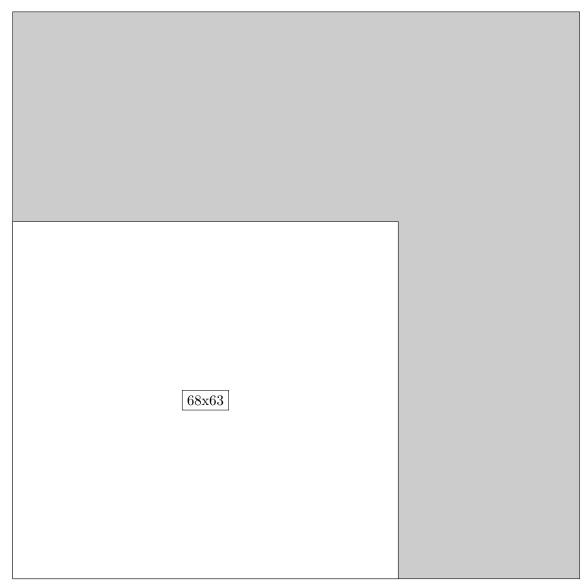
w = 75, h = 63, x = 0, y = 0, v = 4725



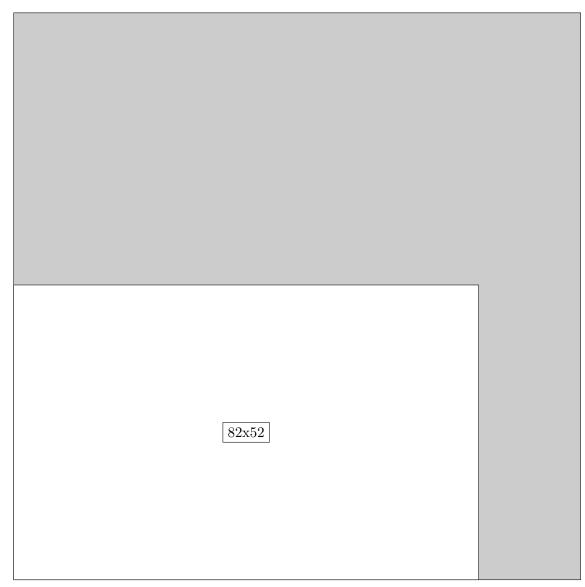
 $\overline{\mathbf{w}}$ =70 , h =65 , x =0 , y =0 , v =4550



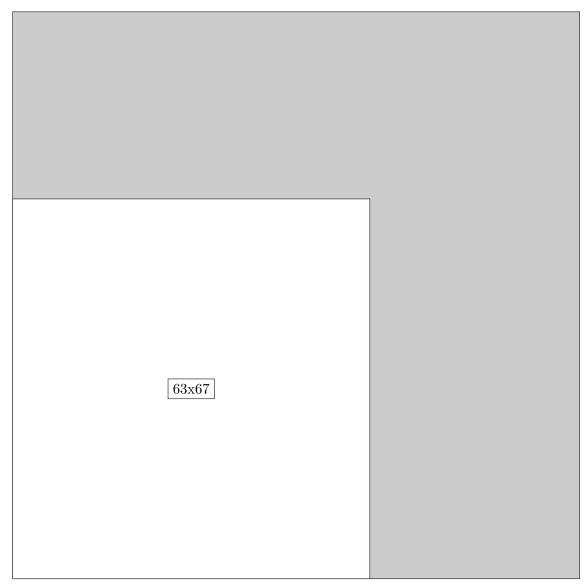
 \mathbf{w} =79 , h =55 , x =0 , y =0 , v =4345



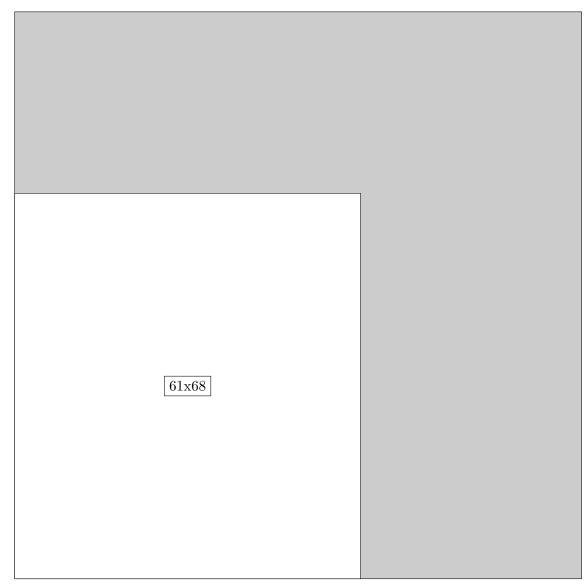
w = 68, h = 63, x = 0, y = 0, v = 4284



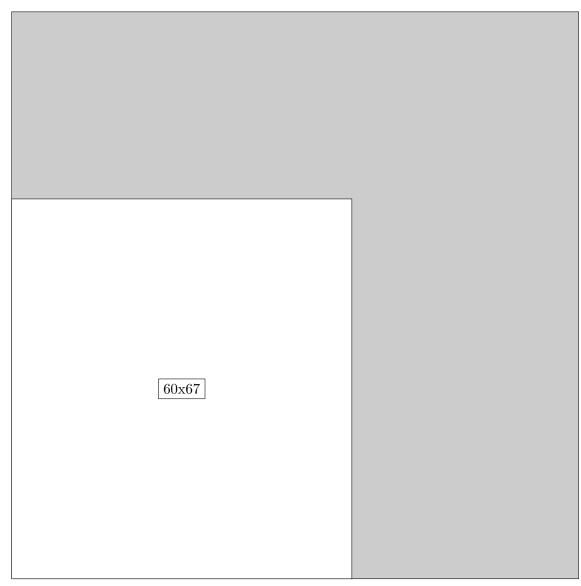
 $\le =82$, h =52 , x =0 , y =0 , v =4264



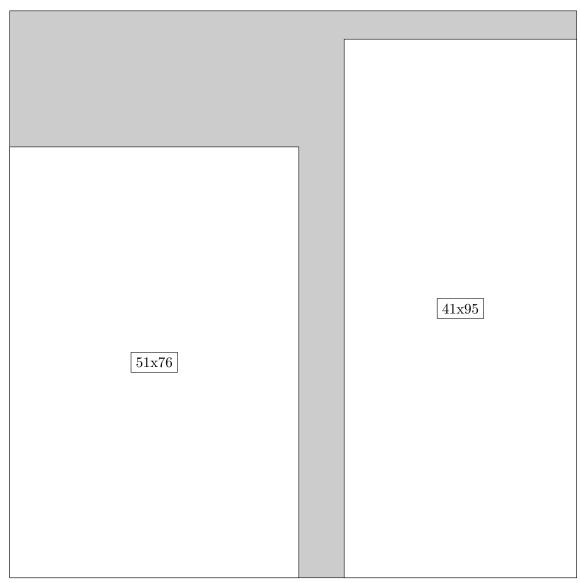
w = 63, h = 67, x = 0, y = 0, v = 4221



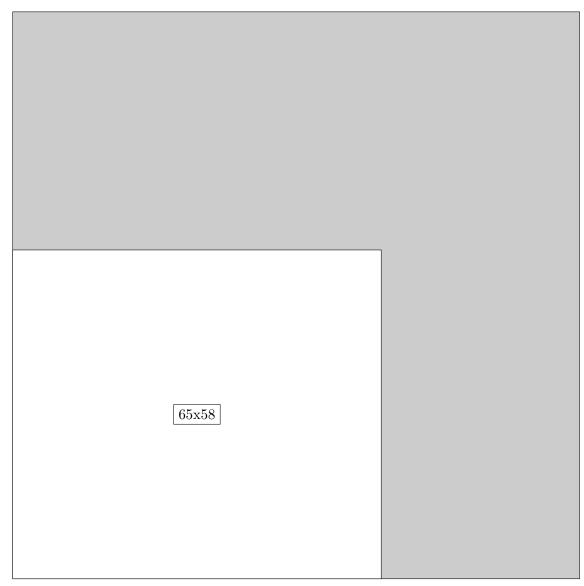
w = 61, h = 68, x = 0, y = 0, v = 4148



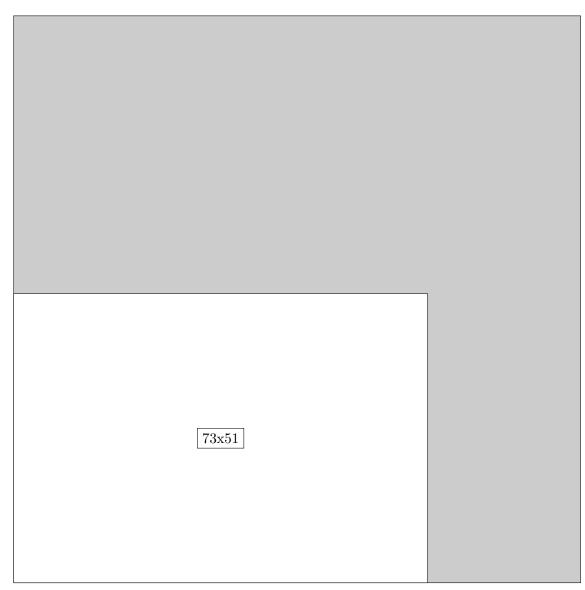
 $\overline{\mathbf{w}} = 60$, $\mathbf{h} = 67$, $\mathbf{x} = 0$, $\mathbf{y} = 0$, $\mathbf{v} = 4020$



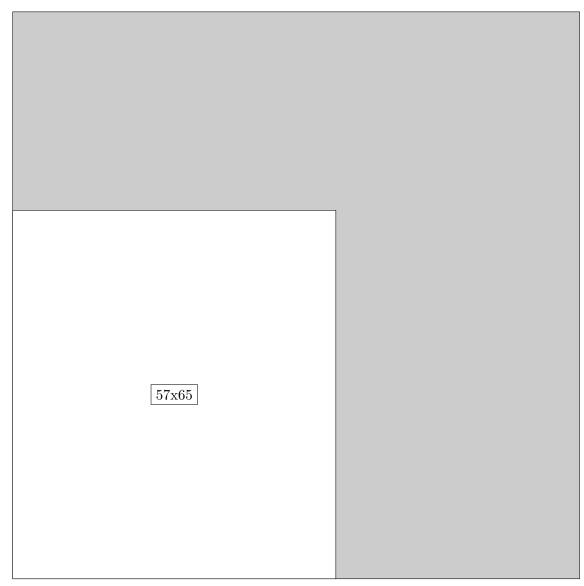
 $\begin{array}{l} w = \!\! 41 \ , \ h = \!\! 95 \ , \ x = \!\! 59 \ , \ y = \!\! 0 \ , \ v = \!\! 3895 \\ w = \!\! 51 \ , \ h = \!\! 76 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3876 \end{array}$



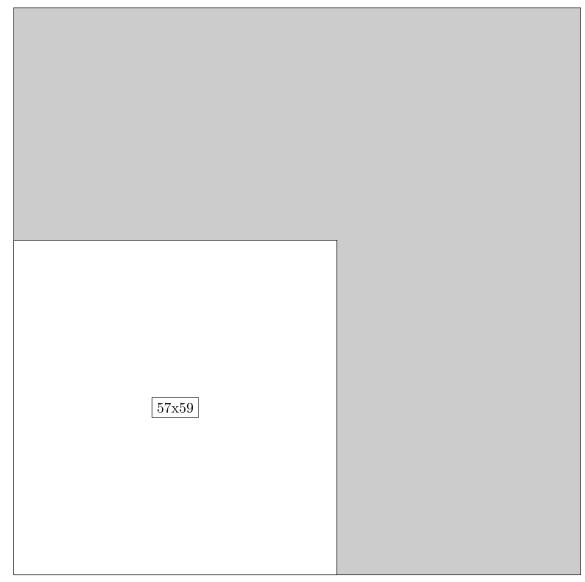
w = 65, h = 58, x = 0, y = 0, v = 3770



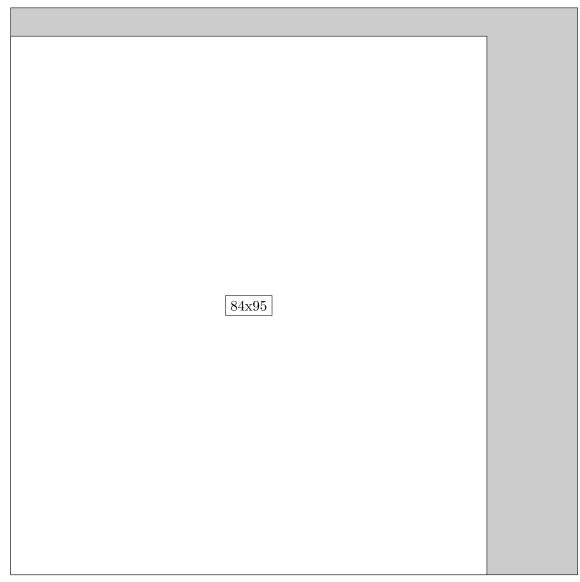
 $\le =73$, h =51 , x =0 , y =0 , v =3723



 $\overline{\rm w}$ =57 , h =65 , x =0 , y =0 , v =3705



w = 57, h = 59, x = 0, y = 0, v = 3363



 $\overline{w} = 84$, h = 95, x = 0, y = 0, v = 7980