$ClassName: \ Class_09.2bp-22$

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>460000</u> InS: <u>296526</u> Rate: <u>0.645</u> UB: <u>46</u> LB0: <u>46</u>

LB: <u>46</u> LBWithCut: <u>46</u>

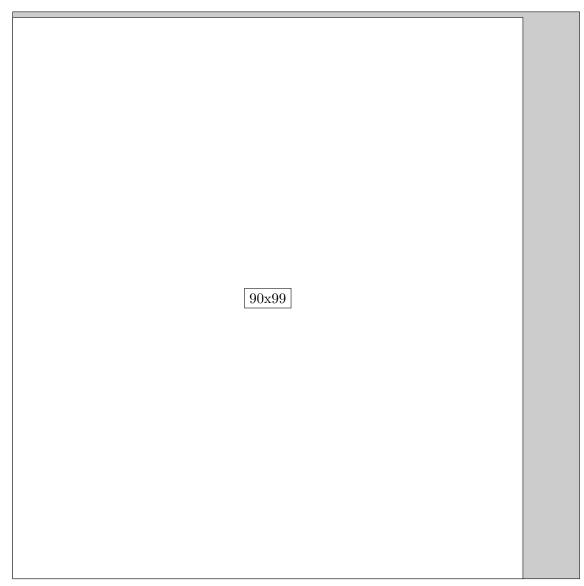
NodeCut: $\mathbf{0}$

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

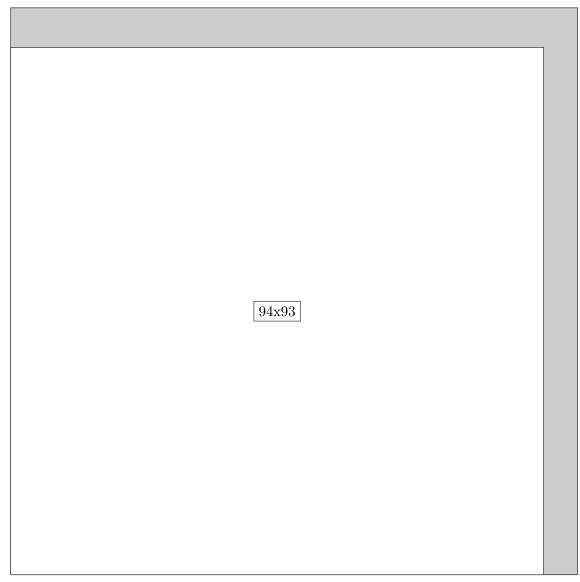
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{46}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: **true**

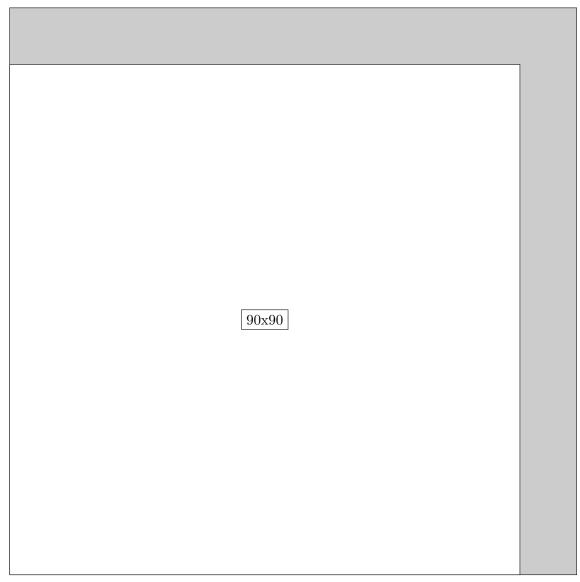
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.170 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.310 \ s} \\ \end{array}$



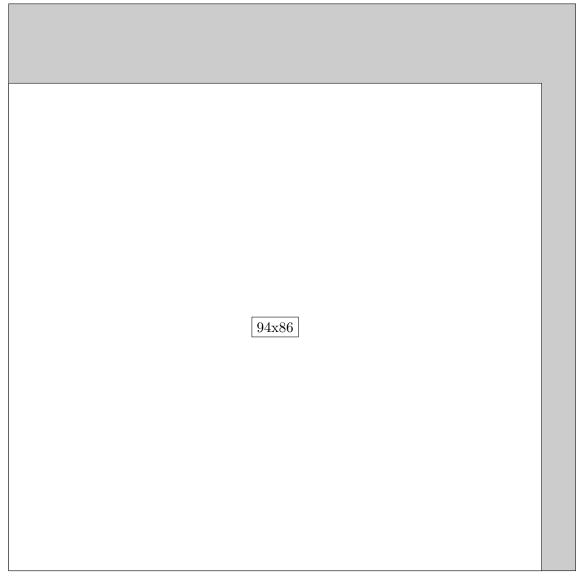
w = 90, h = 99, x = 0, y = 0, v = 8910



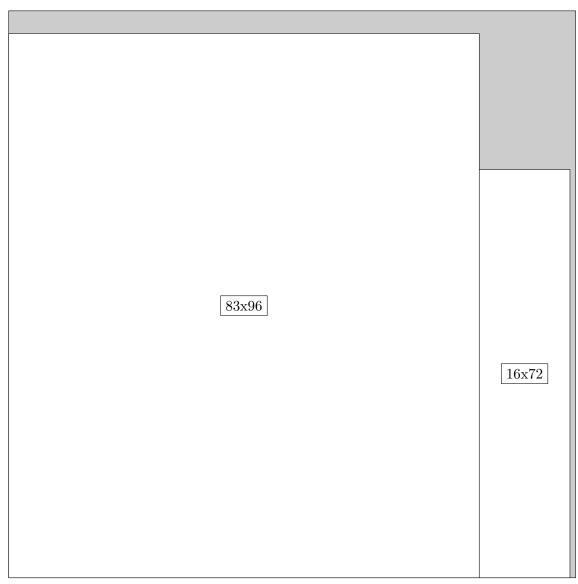
w = 94, h = 93, x = 0, y = 0, v = 8742



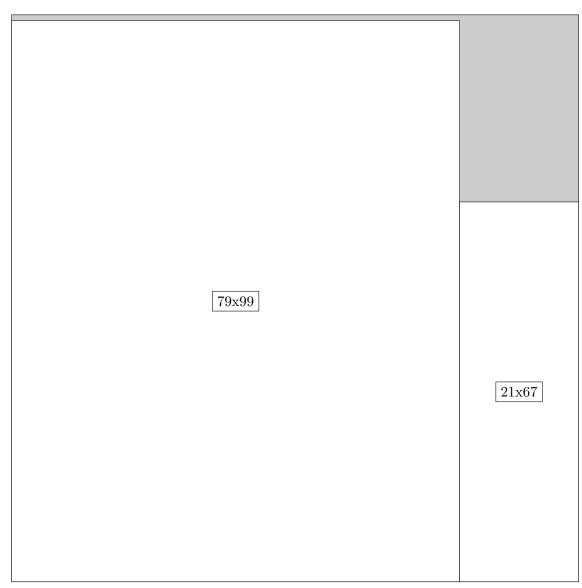
 $\overline{w} = 90$, h = 90, x = 0, y = 0, v = 8100



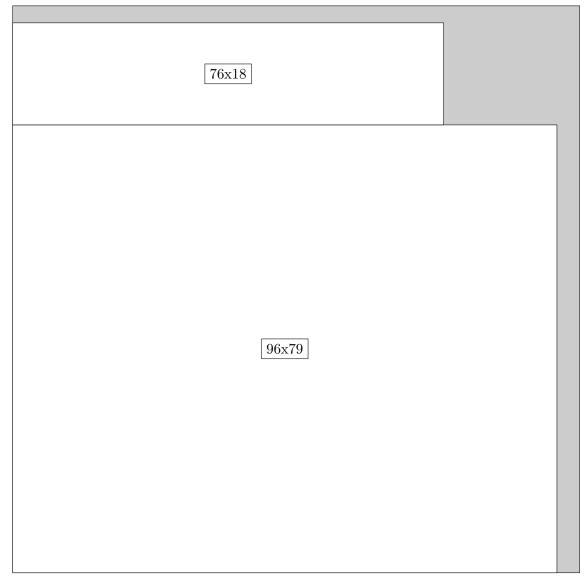
 $\le =94$, h =86 , x =0 , y =0 , v =8084

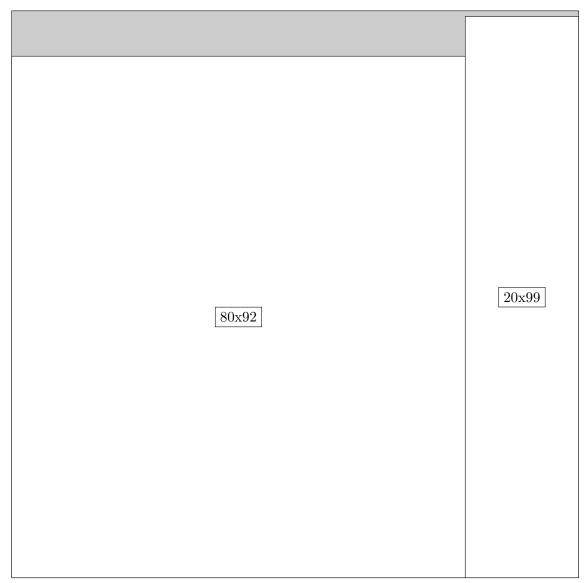


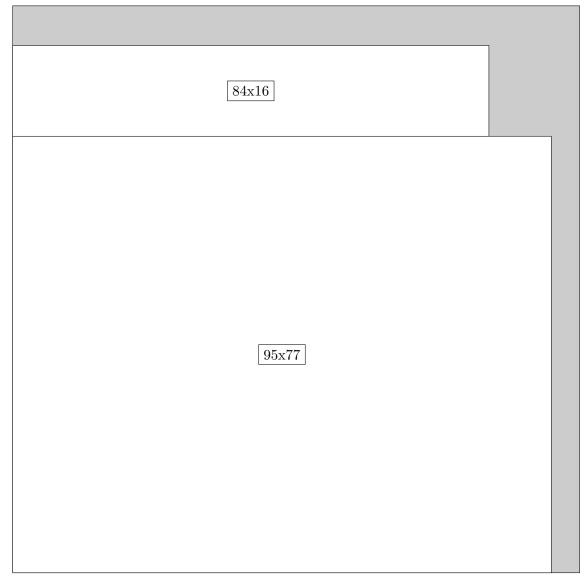
$$\begin{array}{c} w = \! 83 \; , \; h = \! 96 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 7968 \\ w = \! 16 \; , \; h = \! 72 \; , \; x = \! 83 \; , \; y = \! 0 \; , \; v = \! 1152 \end{array}$$



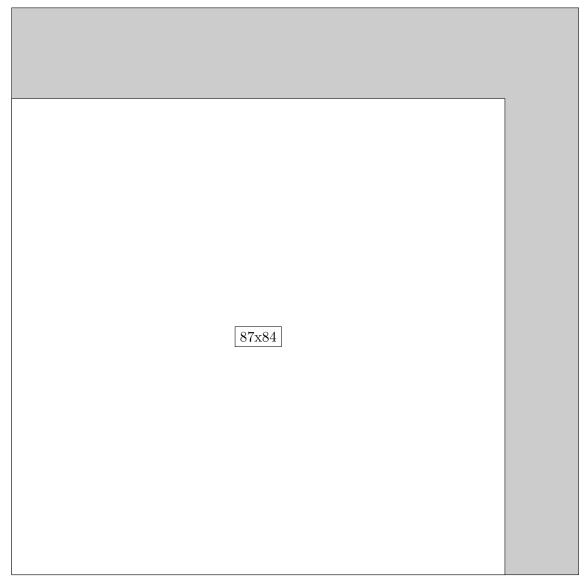
$$\begin{array}{c} w = 79 \ , \ h = 99 \ , \ x = 0 \ , \ y = 0 \ , \ v = 7821 \\ w = 21 \ , \ h = 67 \ , \ x = 79 \ , \ y = 0 \ , \ v = 1407 \\ \end{array}$$



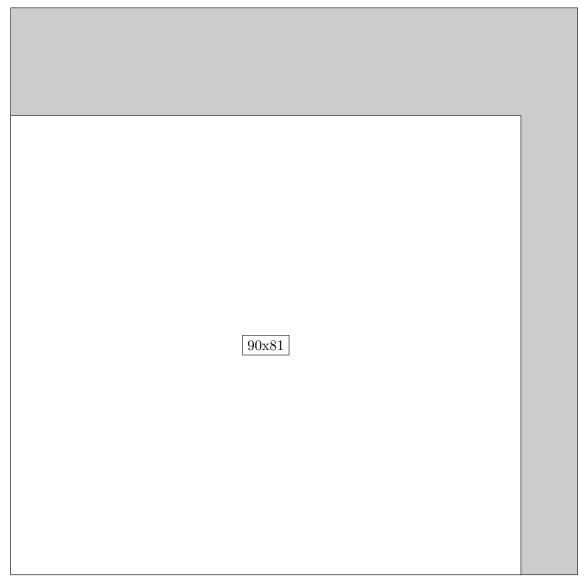




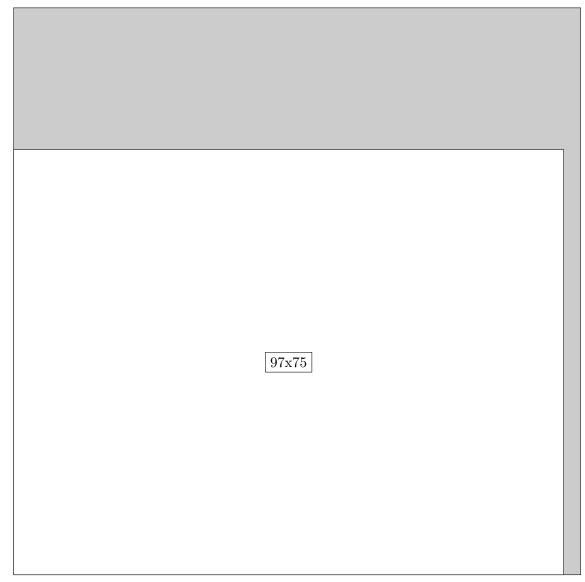
$$\begin{array}{c} w = \! 95 \ , \ h = \! 77 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7315 \\ w = \! 84 \ , \ h = \! 16 \ , \ x = \! 0 \ , \ y = \! 77 \ , \ v = \! 1344 \\ \end{array}$$



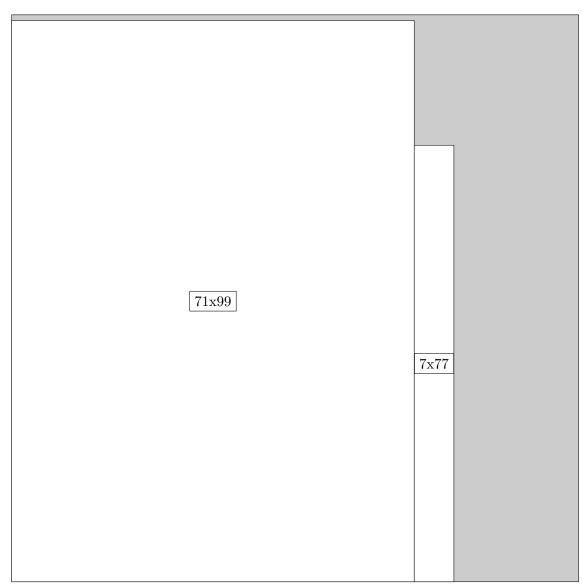
w = 87, h = 84, x = 0, y = 0, v = 7308



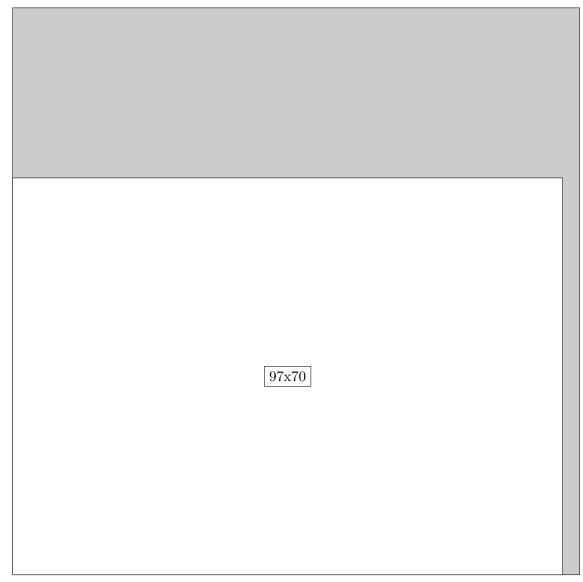
 $\le =90$, h =81 , x =0 , y =0 , v =7290



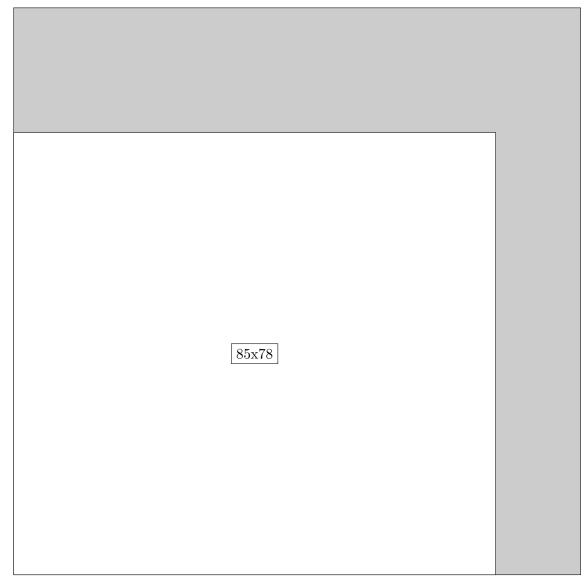
 $\le =97$, h =75 , x =0 , y =0 , v =7275



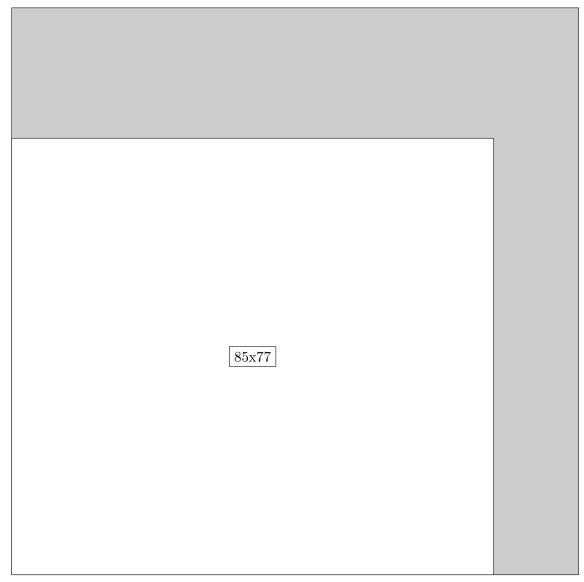
$$\begin{array}{l} w = \!\!\! 71 \ , \, h = \!\!\! 99 \ , \, x = \!\!\! 0 \ , \, y = \!\!\! 0 \ , \, v = \!\!\! 7029 \\ w = \!\!\! 7 \ , \, h = \!\!\! 77 \ , \, x = \!\!\! 71 \ , \, y = \!\!\! 0 \ , \, v = \!\!\! 539 \end{array}$$



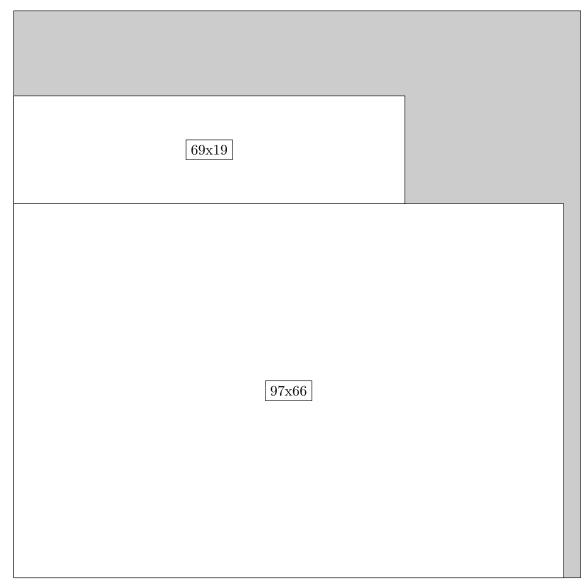
w = 97, h = 70, x = 0, y = 0, v = 6790

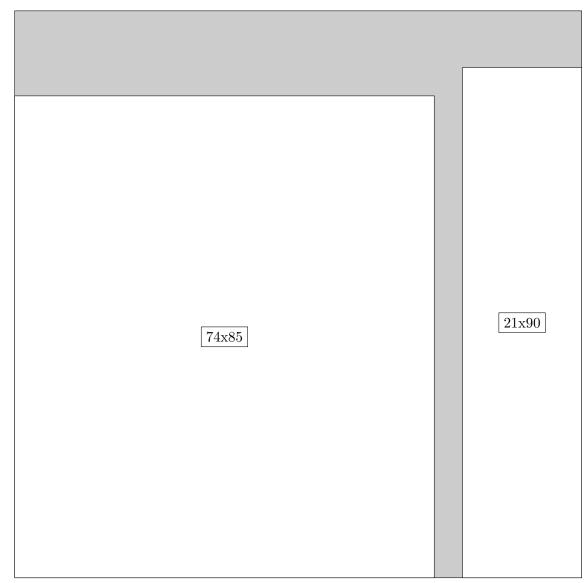


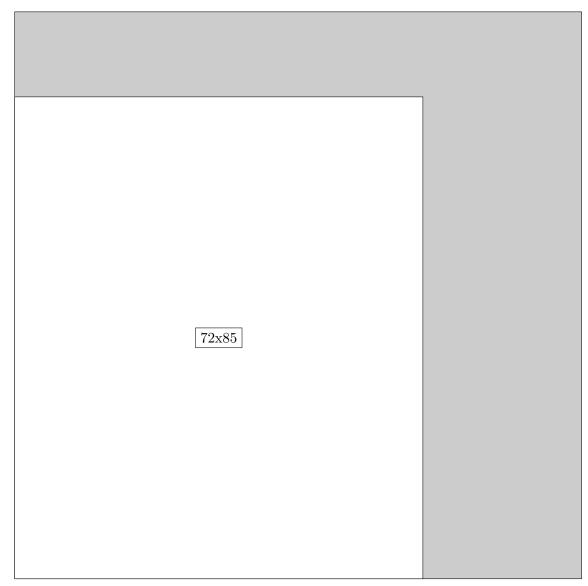
w = 85, h = 78, x = 0, y = 0, v = 6630



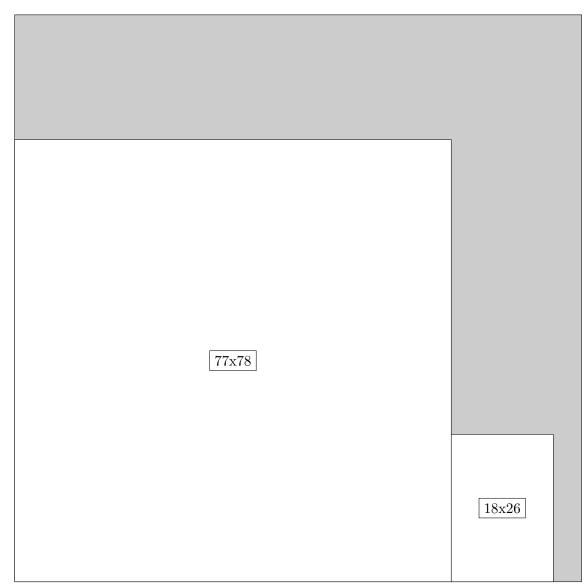
 $\le =85$, h =77 , x =0 , y =0 , v =6545

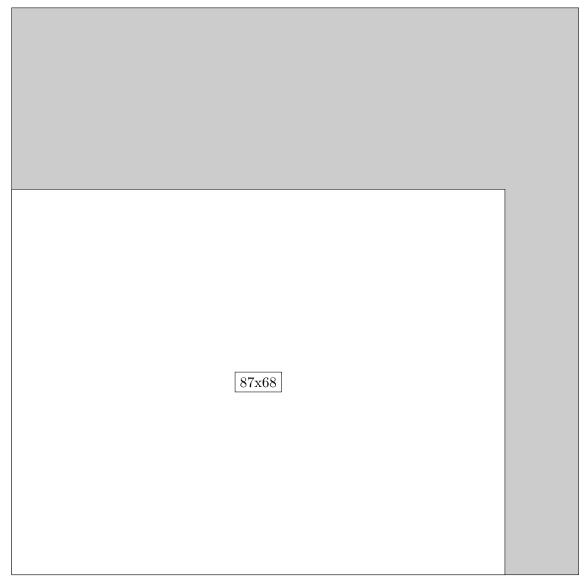




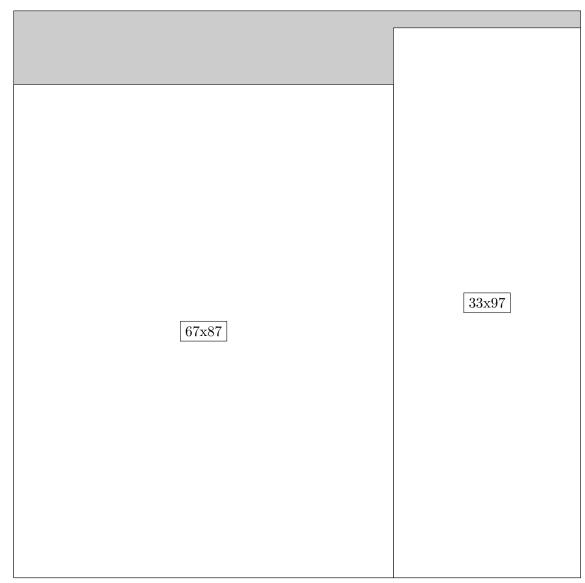


 \mathbf{w} =72 , h =85 , x =0 , y =0 , v =6120

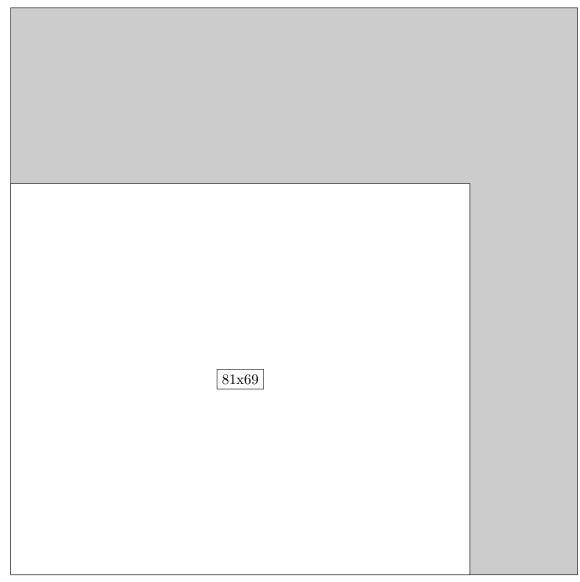




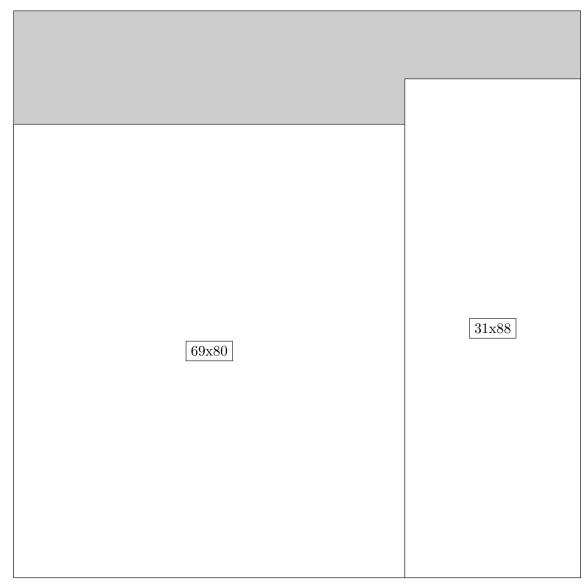
w = 87, h = 68, x = 0, y = 0, v = 5916



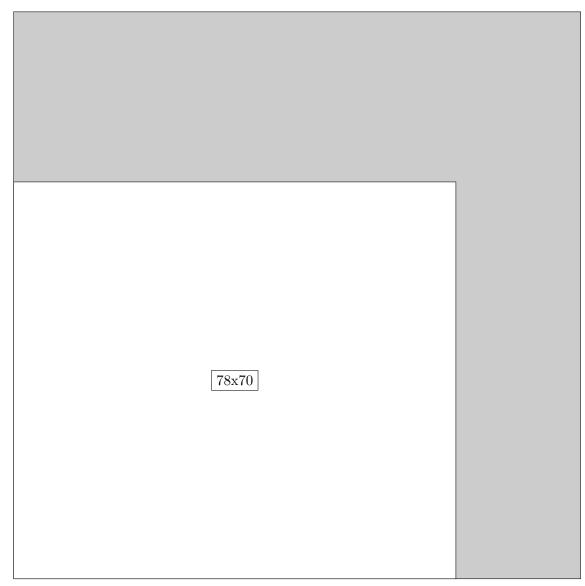
$$\begin{array}{c} w = \!\!67 \; , \; h = \!\!87 \; , \; x = \!\!0 \; , \; y = \!\!0 \; , \; v = \!\!5829 \\ w = \!\!33 \; , \; h = \!\!97 \; , \; x = \!\!67 \; , \; y = \!\!0 \; , \; v = \!\!3201 \end{array}$$



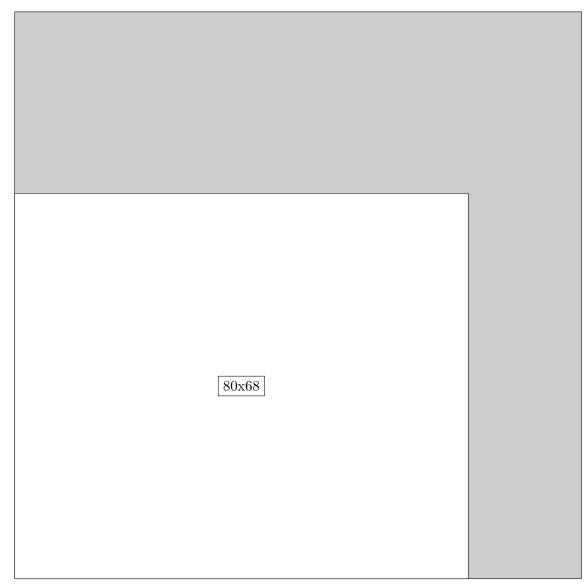
w = 81, h = 69, x = 0, y = 0, v = 5589



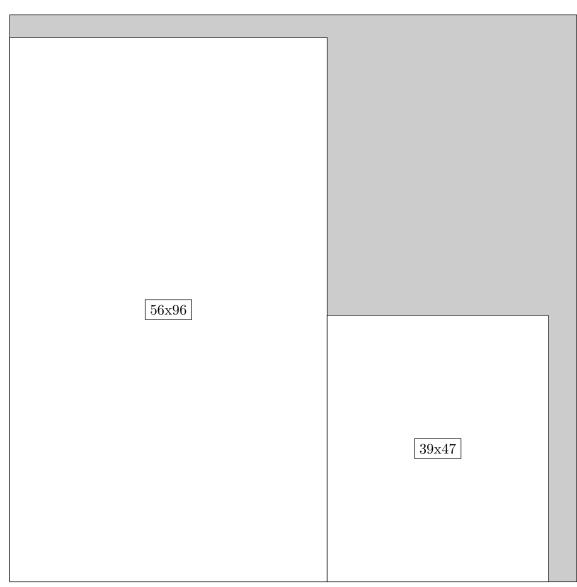
$$\begin{array}{c} w = 69 \; , \; h = 80 \; , \; x = 0 \; , \; y = 0 \; , \; v = 5520 \\ w = 31 \; , \; h = 88 \; , \; x = 69 \; , \; y = 0 \; , \; v = 2728 \\ \end{array}$$

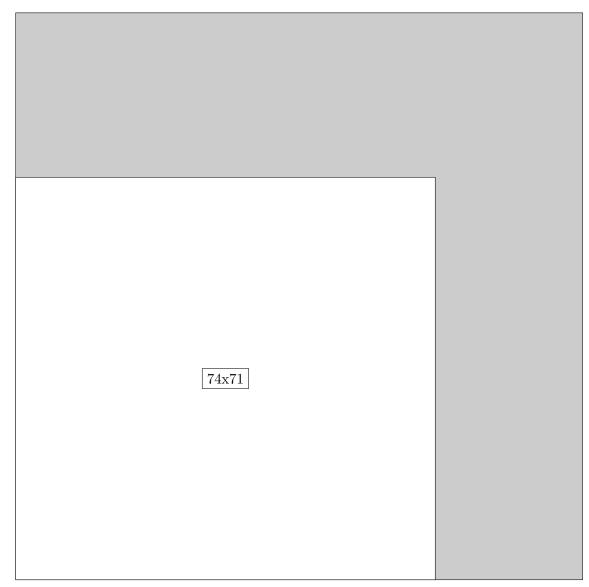


 \mathbf{w} =78 , h =70 , x =0 , y =0 , v =5460

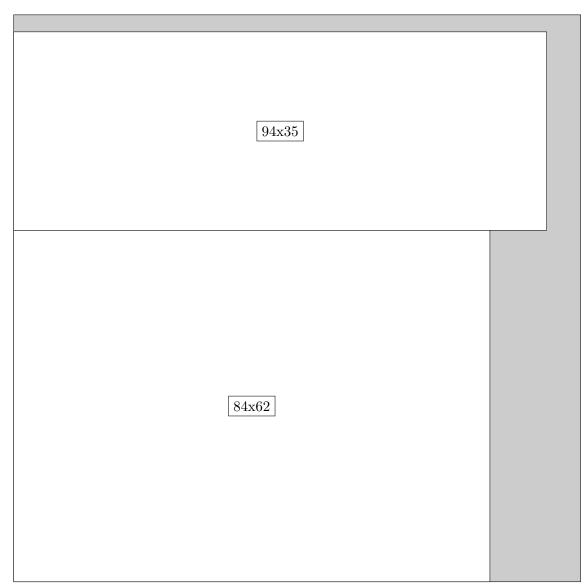


 $\overline{w} = 80$, h = 68, x = 0, y = 0, v = 5440

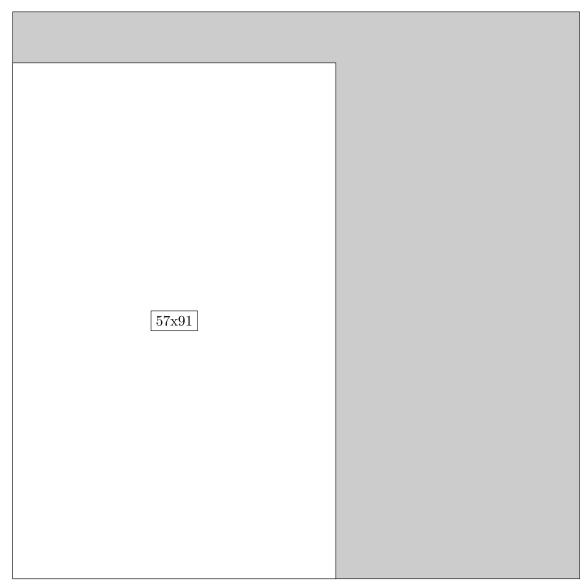




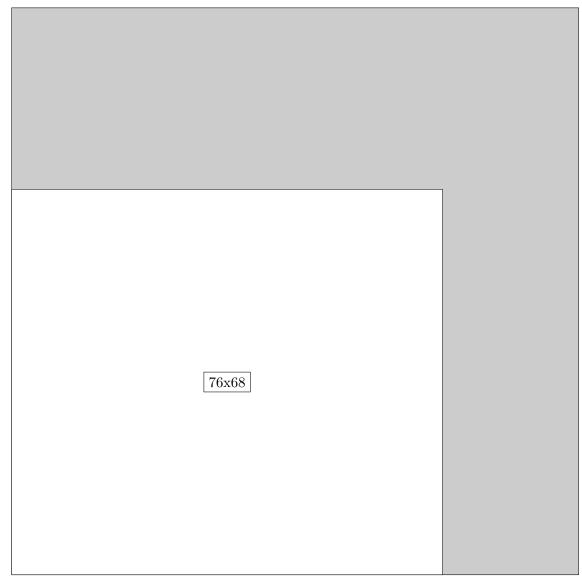
 \mathbf{w} =74 , h =71 , x =0 , y =0 , v =5254



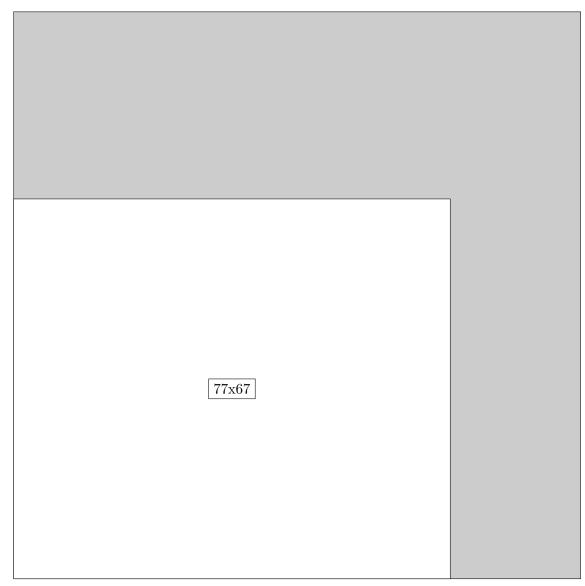
$$\begin{array}{l} w = \! 84 \ , \ h = \! 62 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5208 \\ w = \! 94 \ , \ h = \! 35 \ , \ x = \! 0 \ , \ y = \! 62 \ , \ v = \! 3290 \end{array}$$



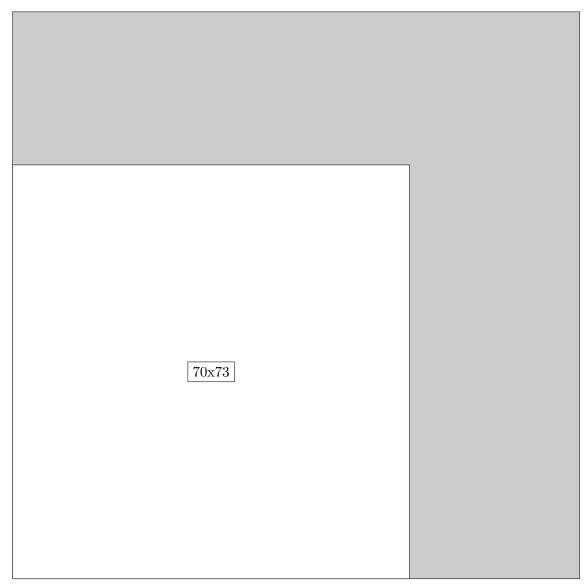
w = 57, h = 91, x = 0, y = 0, v = 5187



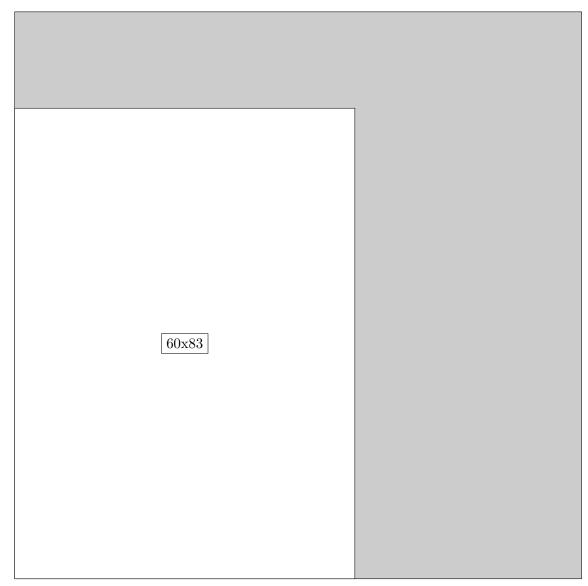
 $\overline{\mathbf{w}} = 76$, $\mathbf{h} = 68$, $\mathbf{x} = 0$, $\mathbf{y} = 0$, $\mathbf{v} = 5168$



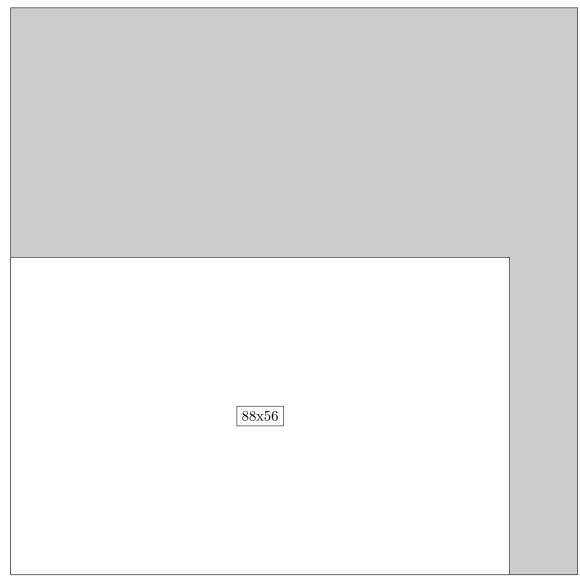
 $\overline{\mathbf{w}}$ =77 , h =67 , x =0 , y =0 , v =5159



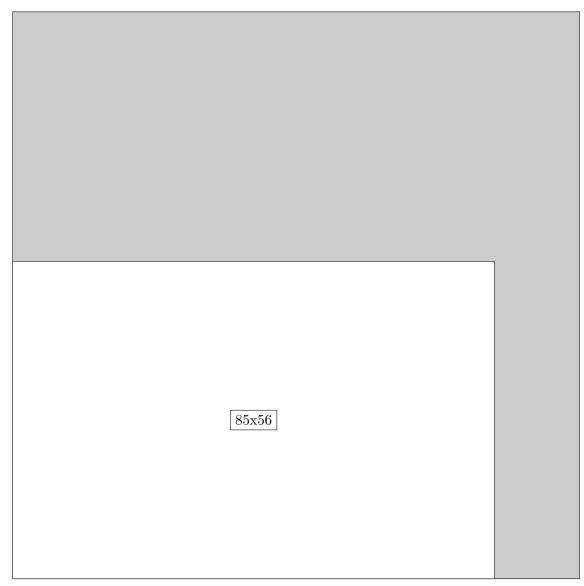
w = 70, h = 73, x = 0, y = 0, v = 5110



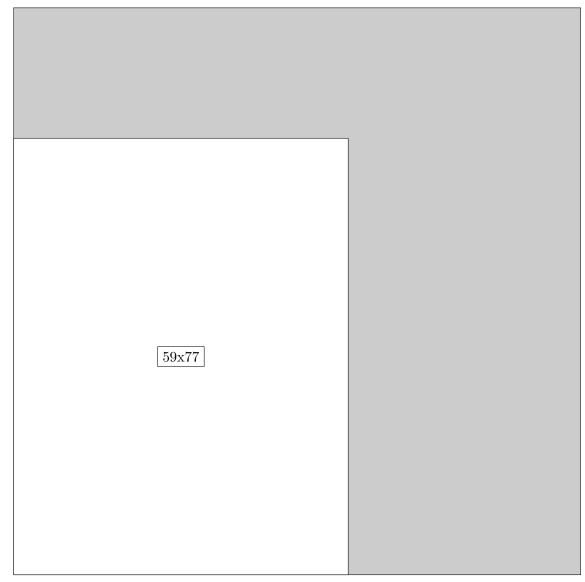
 $\overline{\mathbf{w}} = 60$, $\mathbf{h} = 83$, $\mathbf{x} = 0$, $\mathbf{y} = 0$, $\mathbf{v} = 4980$



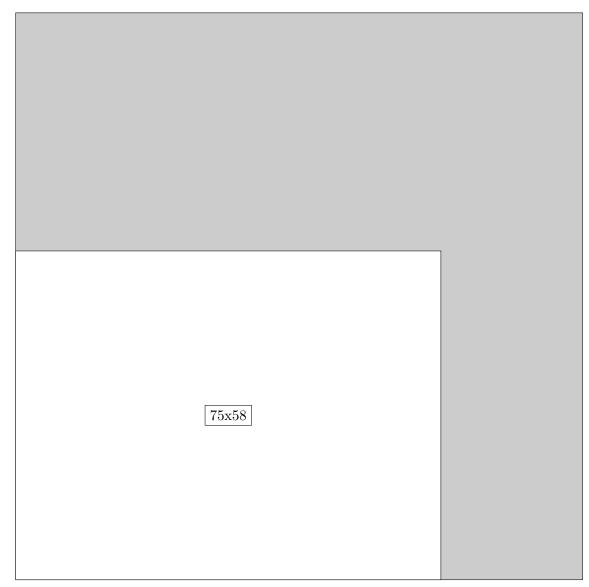
 $\le =88$, h = 56 , x =0 , y = 0 , v = 4928



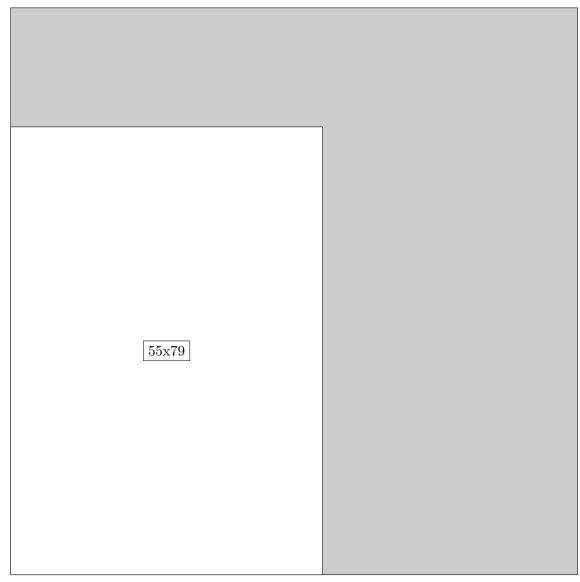
w = 85, h = 56, x = 0, y = 0, v = 4760



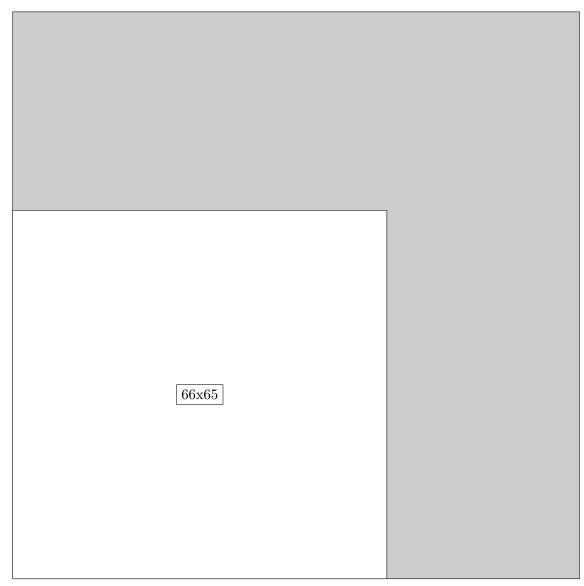
w = 59, h = 77, x = 0, y = 0, v = 4543



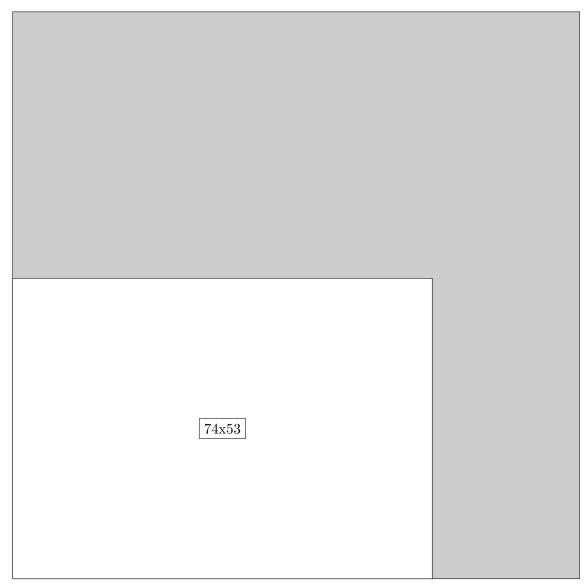
w = 75, h = 58, x = 0, y = 0, v = 4350



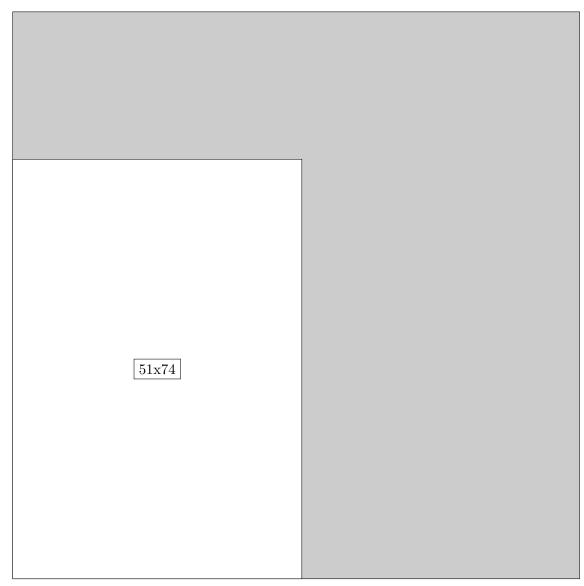
w = 55, h = 79, x = 0, y = 0, v = 4345



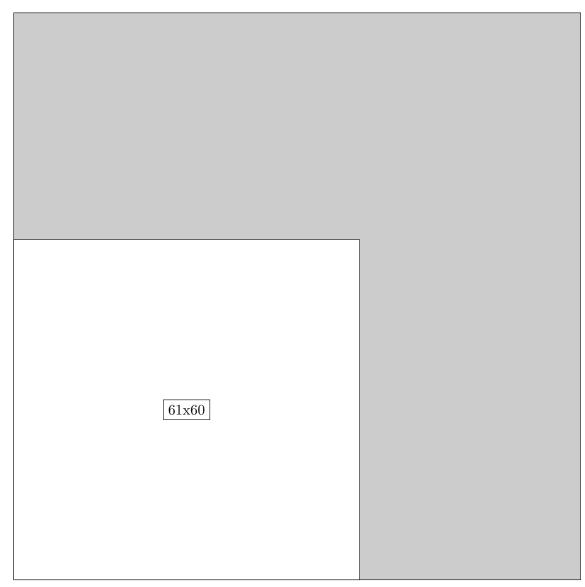
w = 66, h = 65, x = 0, y = 0, v = 4290



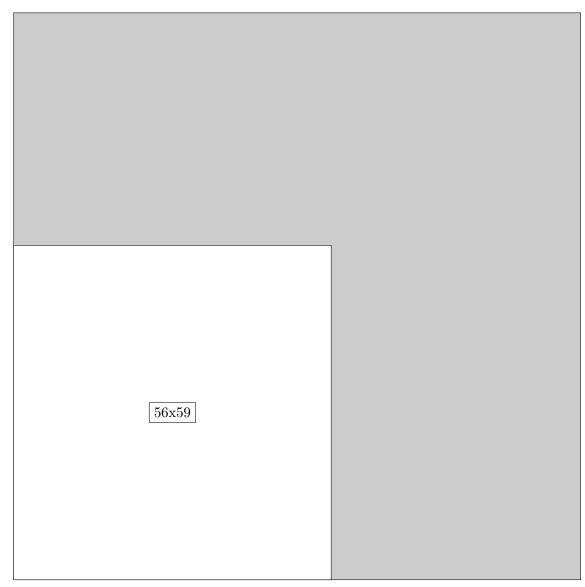
w = 74, h = 53, x = 0, y = 0, v = 3922



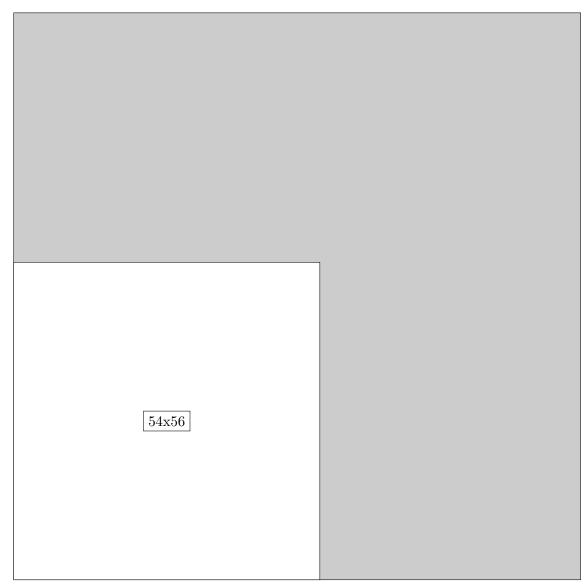
 \mathbf{w} =51 , h =74 , x =0 , y =0 , v =3774



 $\overline{\mathbf{w}} = 61$, $\mathbf{h} = 60$, $\mathbf{x} = 0$, $\mathbf{y} = 0$, $\mathbf{v} = 3660$



 $\overline{w} = 56$, h = 59, x = 0, y = 0, v = 3304



 $\overline{\rm w}$ =54 , h =56 , x =0 , y =0 , v =3024

