$ClassName: \ Class\_09.2bp-23$ 

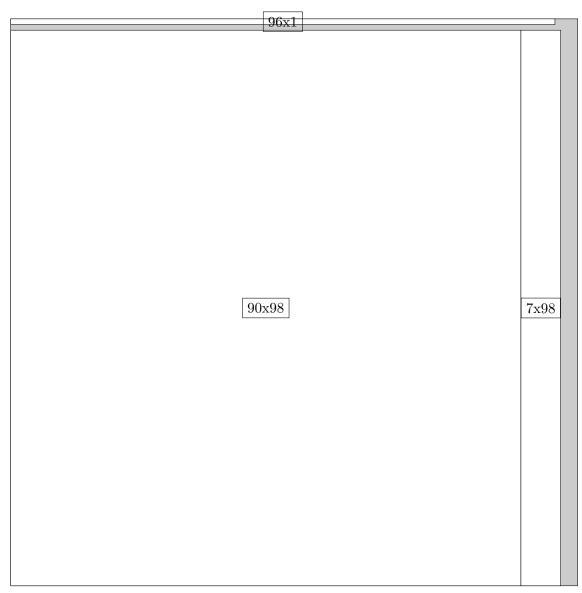
BinSize:  $\underline{100 \times 100}$ ReduceSize:  $\underline{100 \times 100}$ 

TypeNum: <u>60</u>
Num: <u>60</u>
OutS: <u>440000</u>
InS: <u>262165</u>
Rate: <u>0.596</u>
UB: <u>44</u>
LB0: <u>44</u>
LB: 44

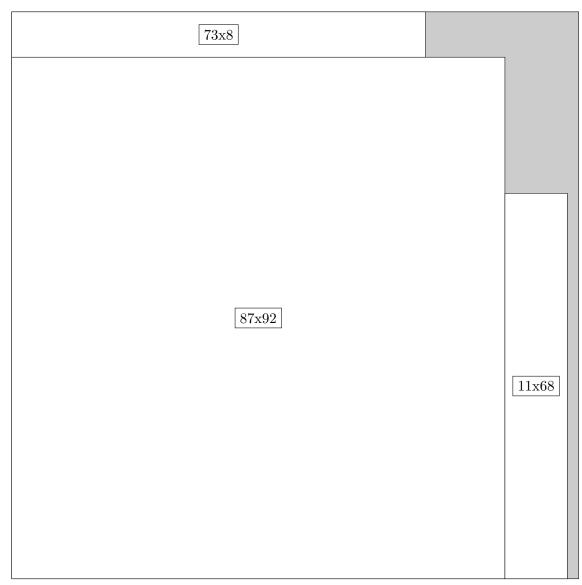
LBWithCut:  $\underline{44}$ NodeCut:  $\underline{0}$ PrimalNode:  $\underline{0}$ ColumnCount:  $\underline{44}$ TotalCutCount:  $\underline{0}$ RootCutCount:  $\underline{0}$ LPSolverCnt:  $\underline{1}$ PricingSolverCnt:  $\underline{0}$ BranchAndBoundNum:  $\underline{1}$ 

isOpt:  $\underline{\mathbf{true}}$ 

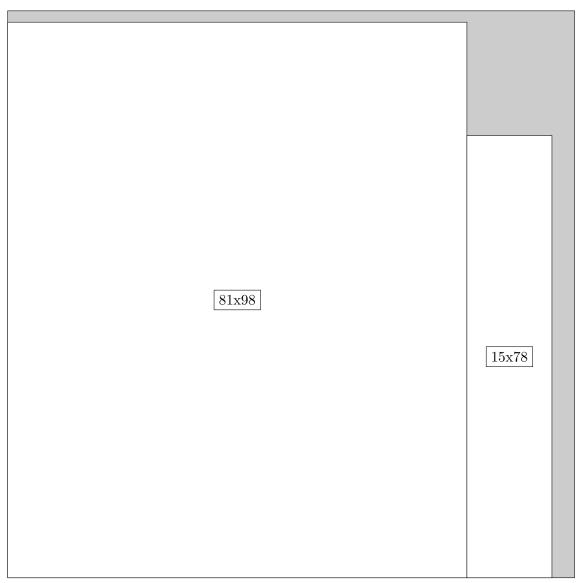
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.141 s

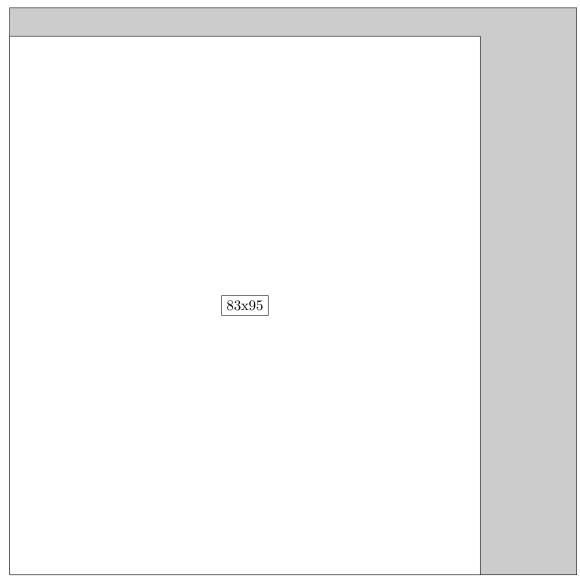


 $\begin{array}{l} w = 90 \; , \, h = 98 \; , \, x = 0 \; , \, y = 0 \; , \, v = 8820 \\ w = 7 \; , \, h = 98 \; , \, x = 90 \; , \, y = 0 \; , \, v = 686 \\ w = 96 \; , \, h = 1 \; , \, x = 0 \; , \, y = 99 \; , \, v = 96 \end{array}$ 

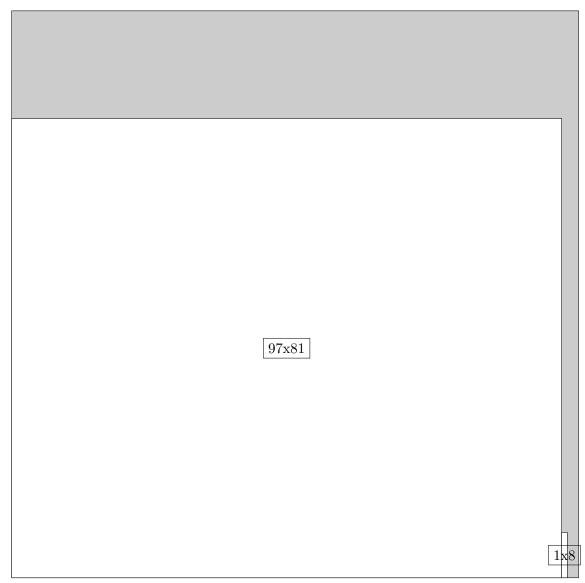


$$\begin{array}{l} w = \! 87 \; , \; h = \! 92 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8004 \\ w = \! 11 \; , \; h = \! 68 \; , \; x = \! 87 \; , \; y = \! 0 \; , \; v = \! 748 \\ w = \! 73 \; , \; h = \! 8 \; , \; x = \! 0 \; , \; y = \! 92 \; , \; v = \! 584 \end{array}$$

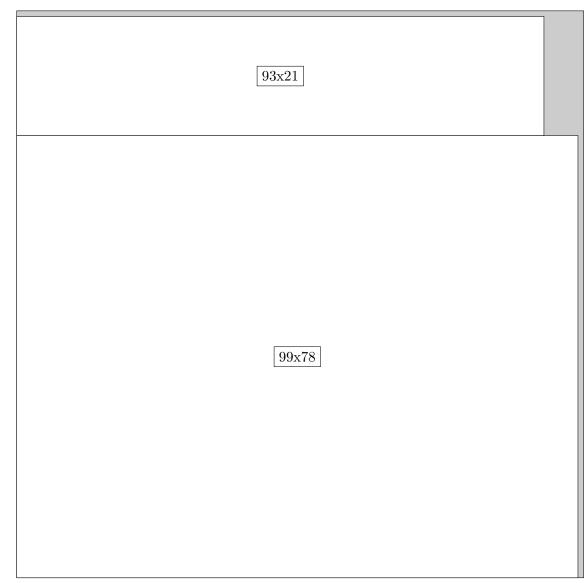




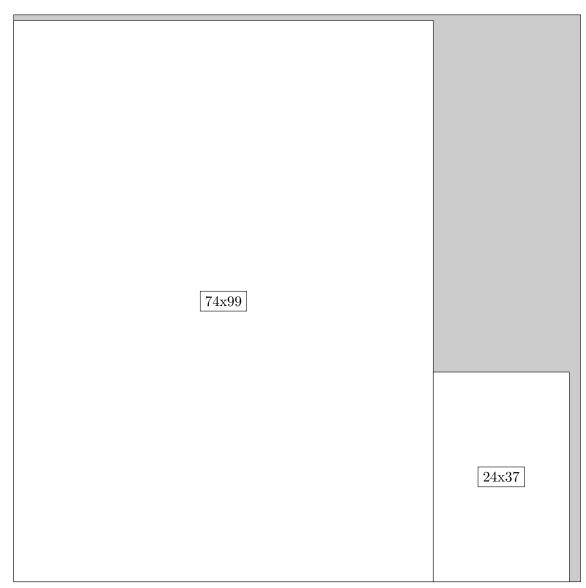
 $\le =83$  , h =95 , x =0 , y =0 , v =7885

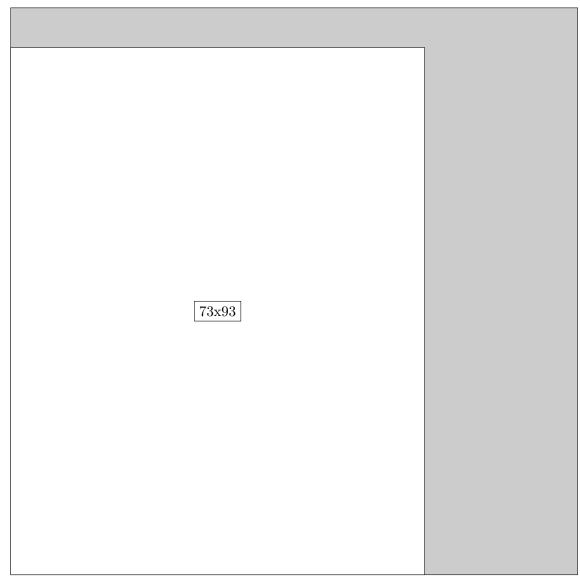


 $\begin{array}{l} w = \! 97 \ , \ h = \! 81 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7857 \\ w = \! 1 \ , \ h = \! 8 \ , \ x = \! 97 \ , \ y = \! 0 \ , \ v = \! 8 \end{array}$ 

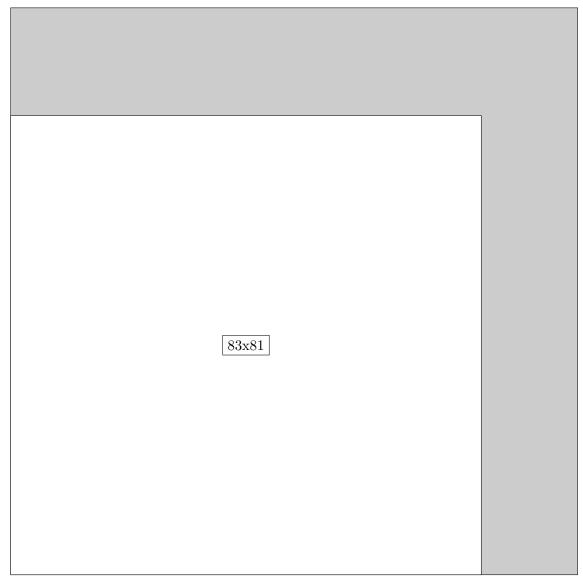


$$\begin{array}{c} w = 99 \ , \ h = 78 \ , \ x = 0 \ , \ y = 0 \ , \ v = 7722 \\ w = 93 \ , \ h = 21 \ , \ x = 0 \ , \ y = 78 \ , \ v = 1953 \\ \end{array}$$

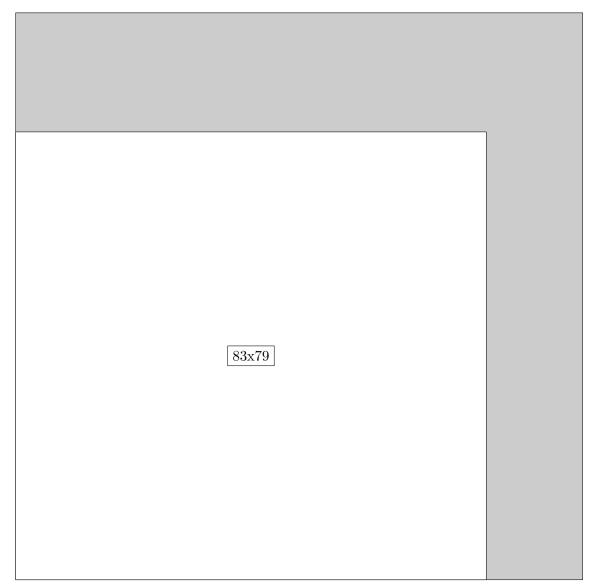




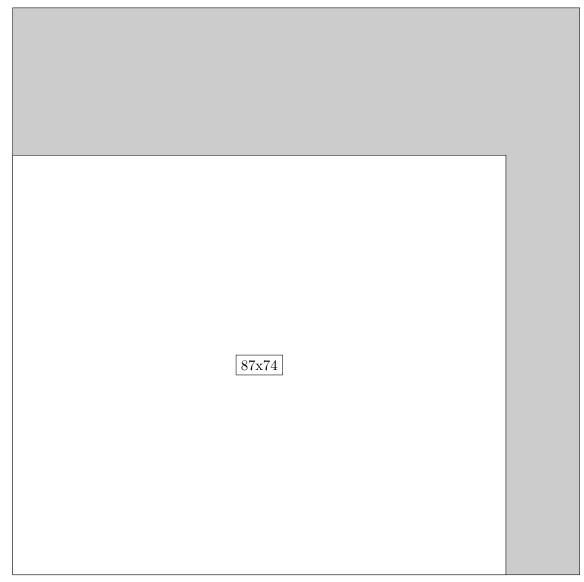
w = 73, h = 93, x = 0, y = 0, v = 6789



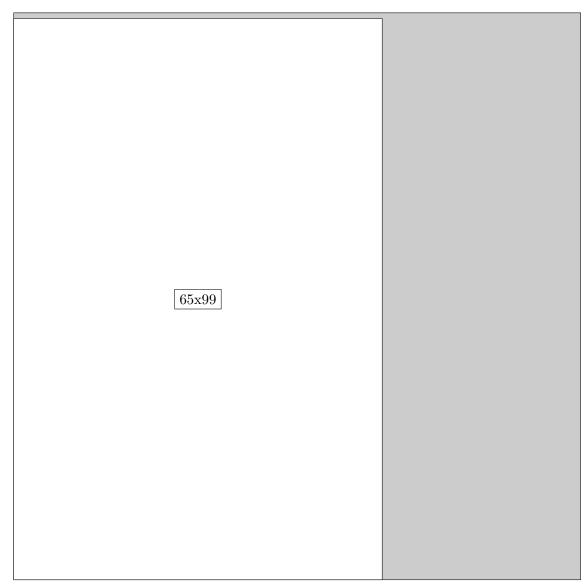
 $\le =83$  , h =81 , x =0 , y =0 , v =6723



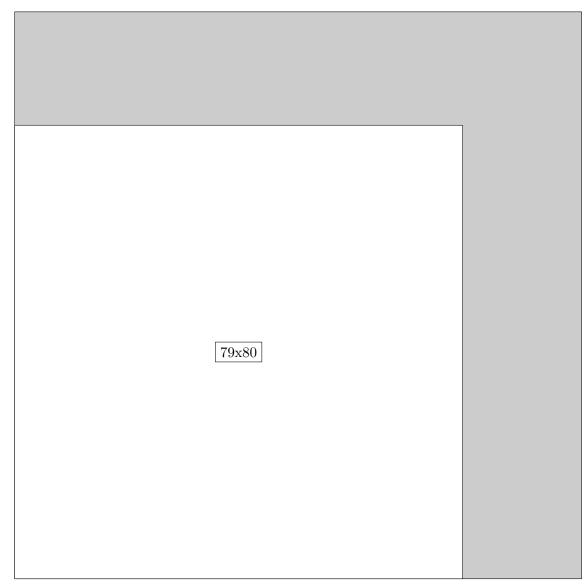
w = 83, h = 79, x = 0, y = 0, v = 6557



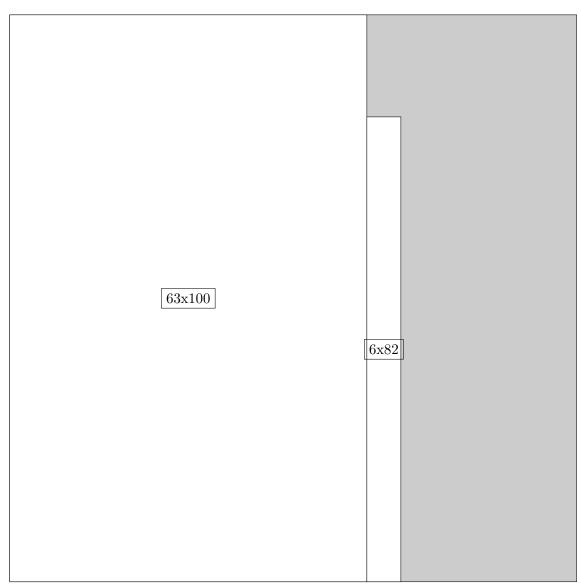
w = 87, h = 74, x = 0, y = 0, v = 6438



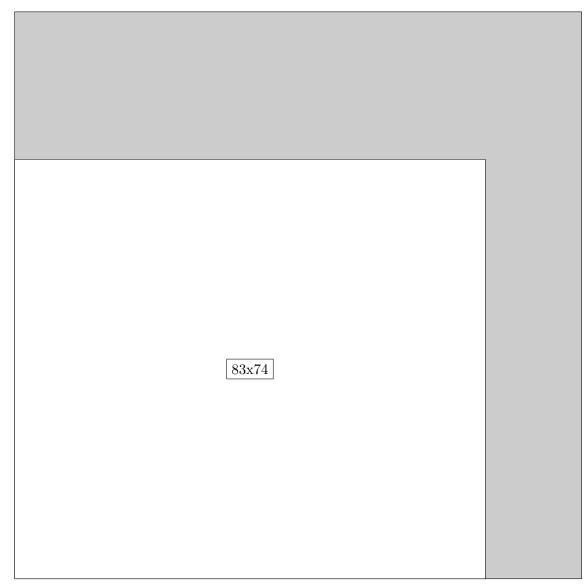
w = 65, h = 99, x = 0, y = 0, v = 6435



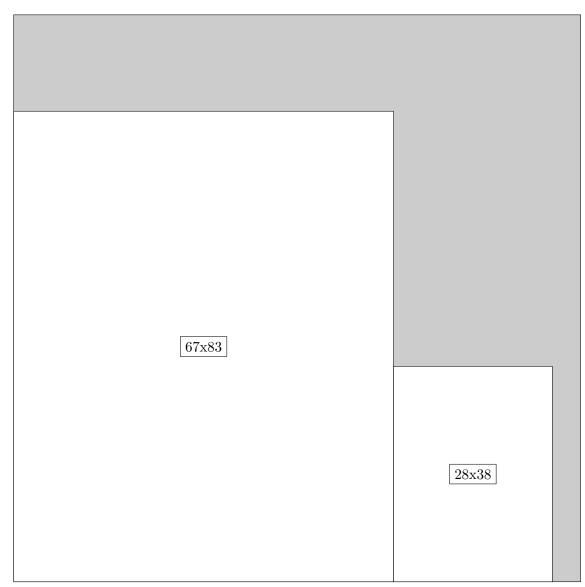
w = 79, h = 80, x = 0, y = 0, v = 6320

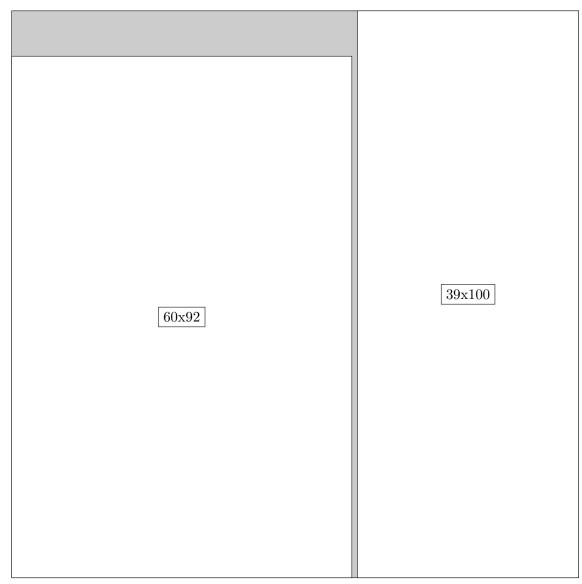


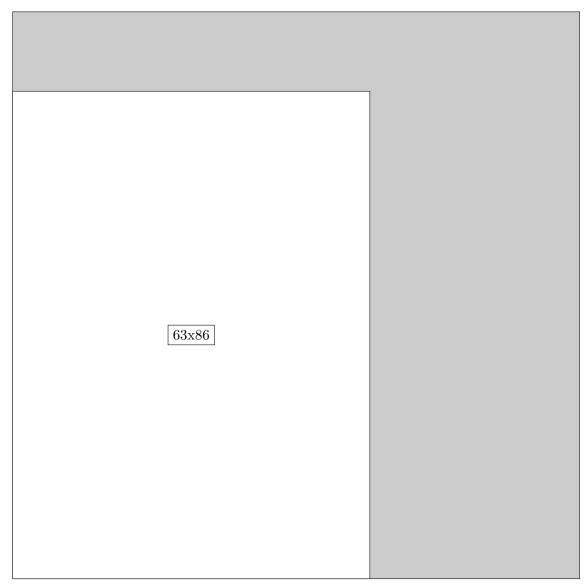
w =63, h =100, x =0, y =0, v =6300 w =6, h =82, x =63, y =0, v =492



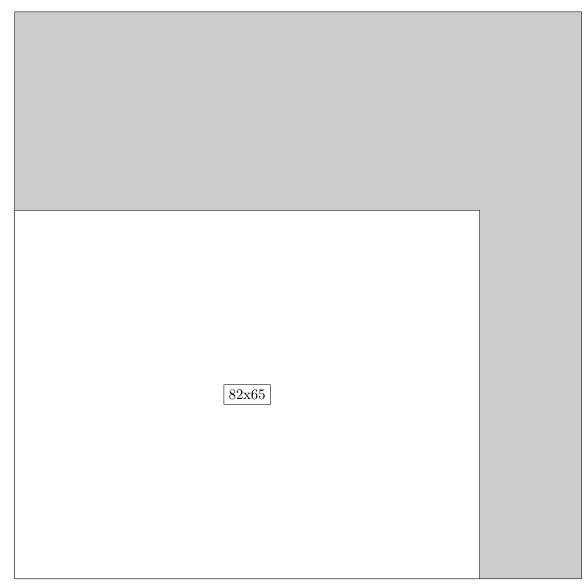
w = 83, h = 74, x = 0, y = 0, v = 6142



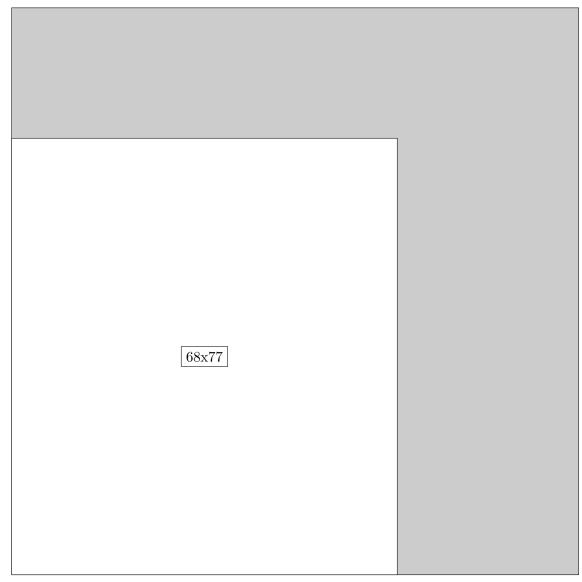




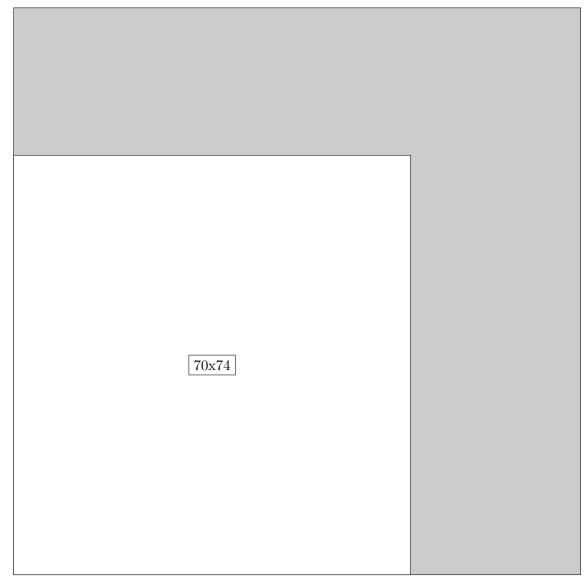
w = 63, h = 86, x = 0, y = 0, v = 5418



 $\le =82$  , h =65 , x =0 , y =0 , v =5330



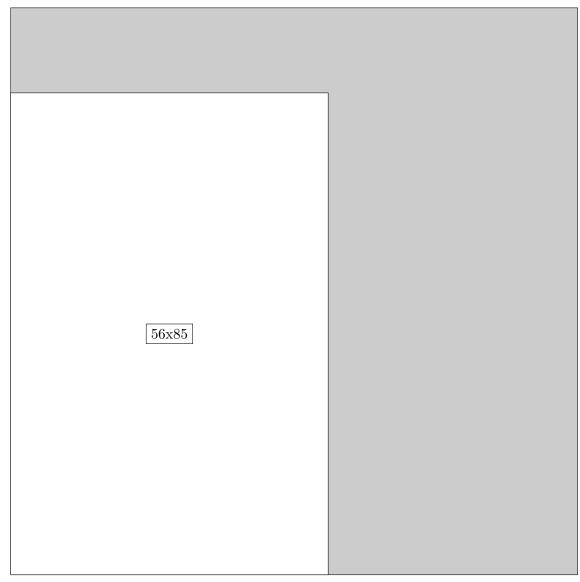
 $\le =68$  , h =77 , x =0 , y =0 , v =5236



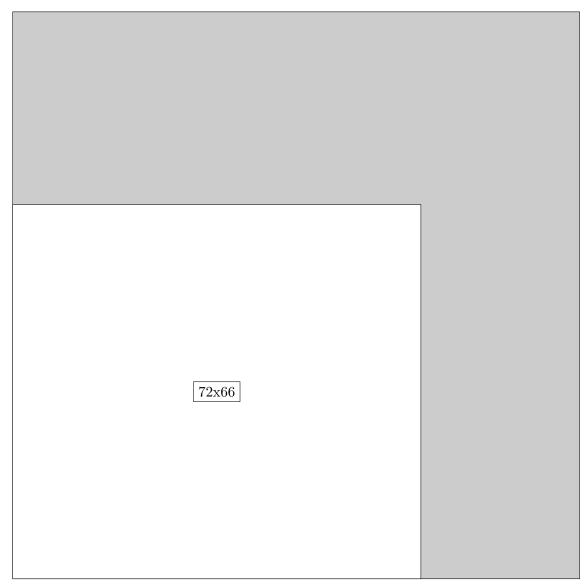
w = 70, h = 74, x = 0, y = 0, v = 5180



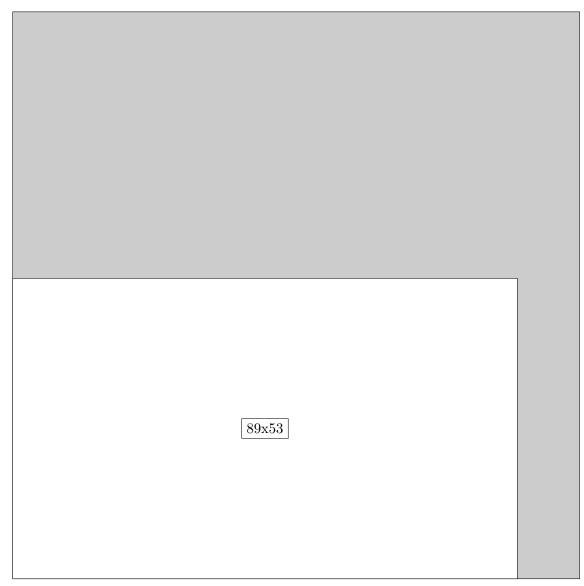
w = 74, h = 67, x = 0, y = 0, v = 4958



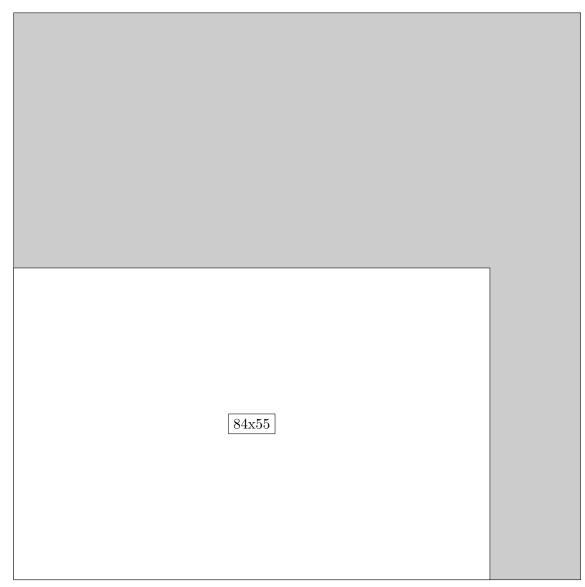
w = 56, h = 85, x = 0, y = 0, v = 4760



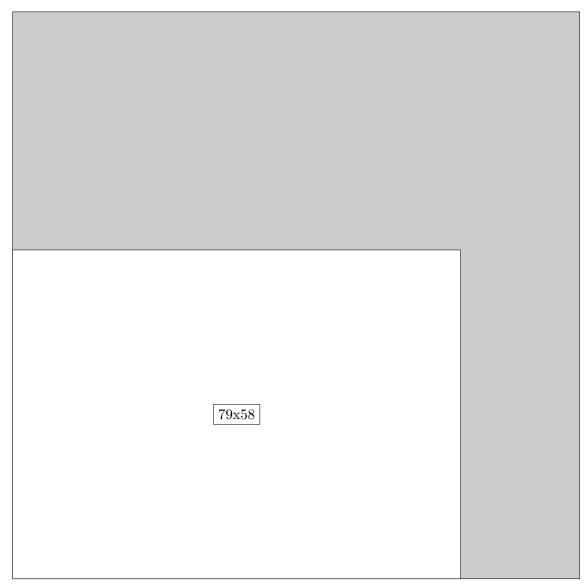
w = 72, h = 66, x = 0, y = 0, v = 4752



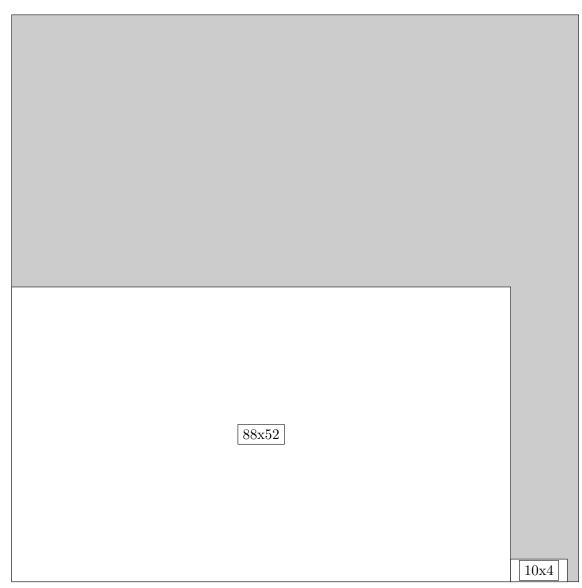
w = 89, h = 53, x = 0, y = 0, v = 4717

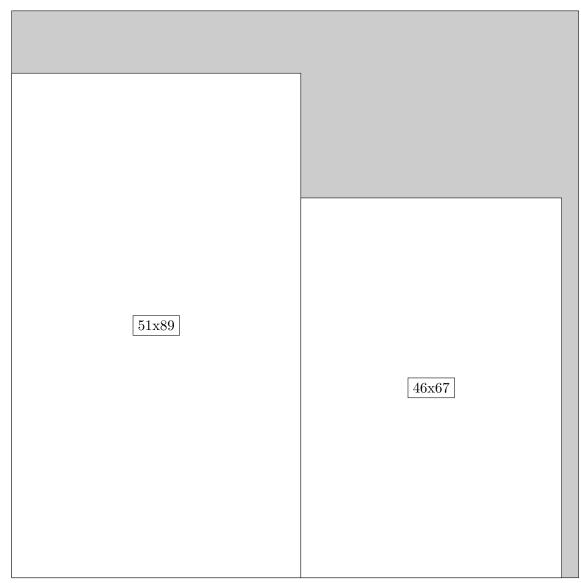


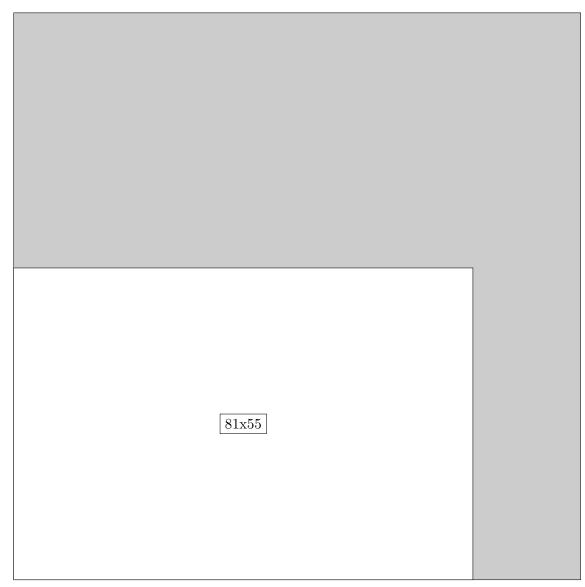
 $\le =84$  , h =55 , x =0 , y =0 , v =4620



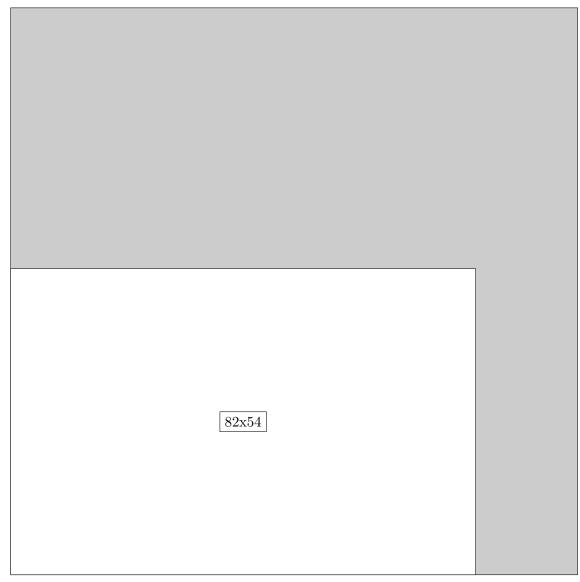
w = 79, h = 58, x = 0, y = 0, v = 4582



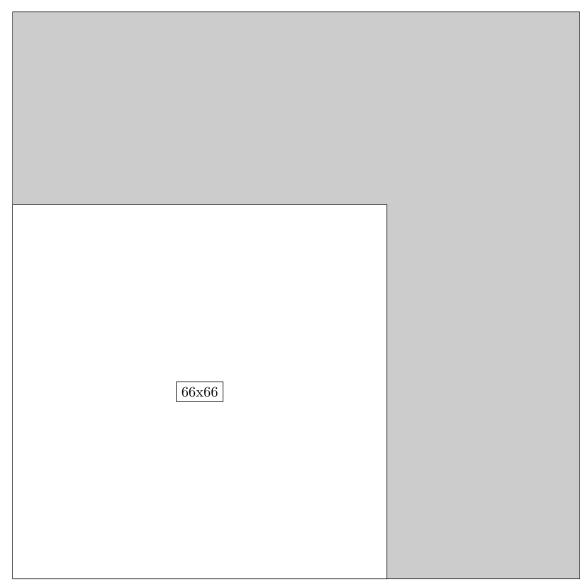




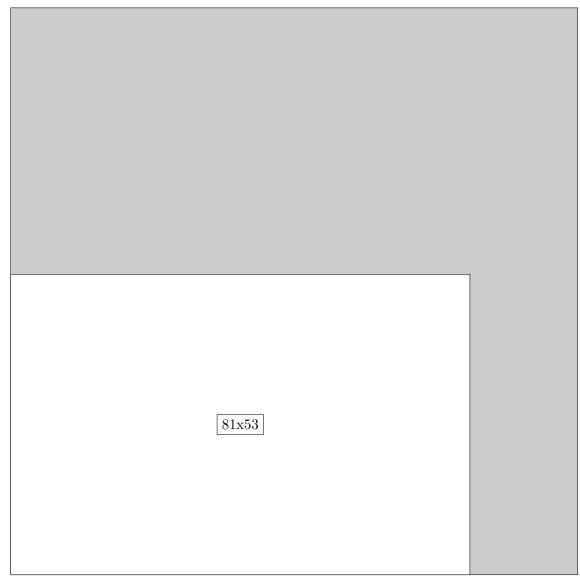
 $\le =81$  , h =55 , x =0 , y =0 , v =4455



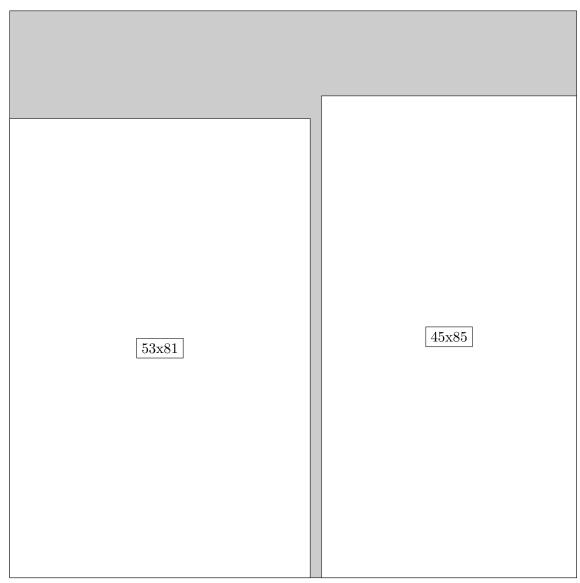
 $\le =82$  , h =54 , x =0 , y =0 , v =4428



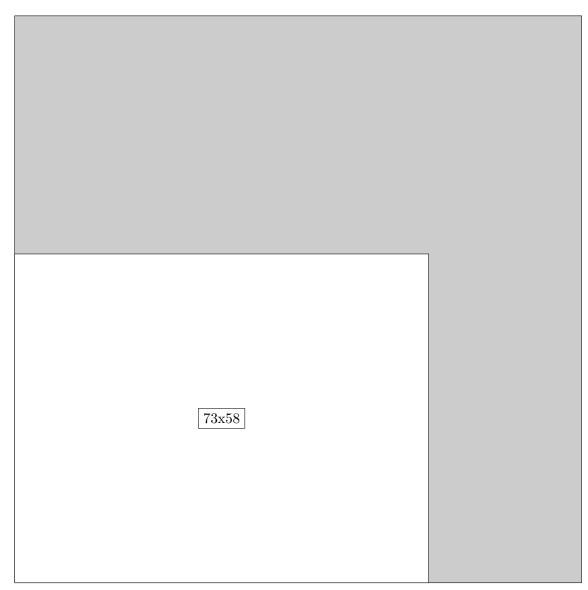
w = 66, h = 66, x = 0, y = 0, v = 4356



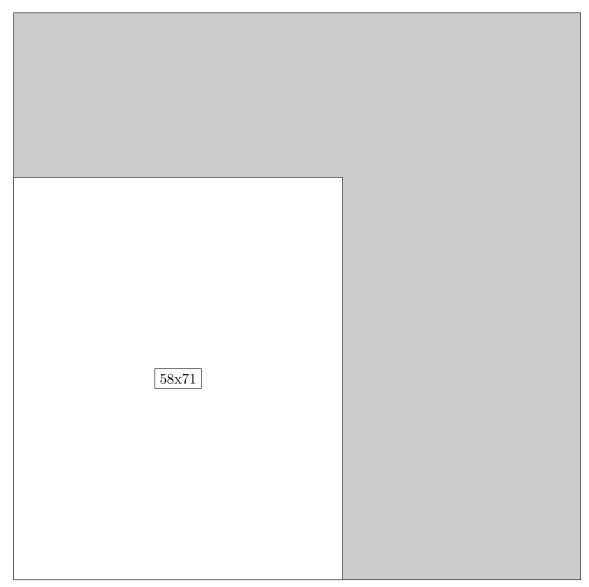
w = 81, h = 53, x = 0, y = 0, v = 4293



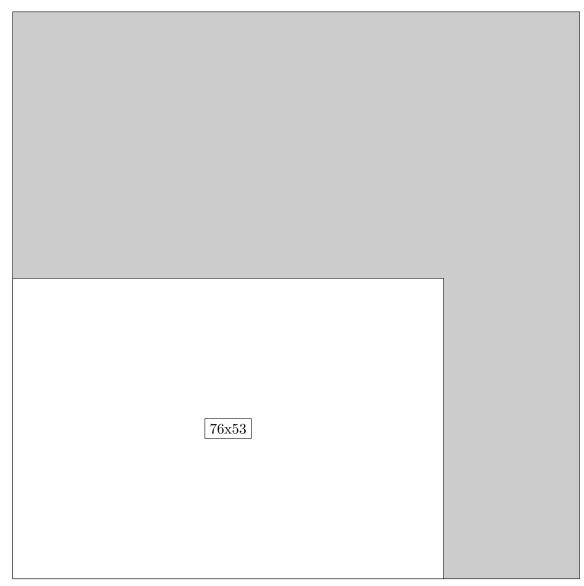
$$\begin{array}{c} w = \!\! 53 \; , \; h = \!\! 81 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 4293 \\ w = \!\! 45 \; , \; h = \!\! 85 \; , \; x = \!\! 55 \; , \; y = \!\! 0 \; , \; v = \!\! 3825 \\ \end{array}$$



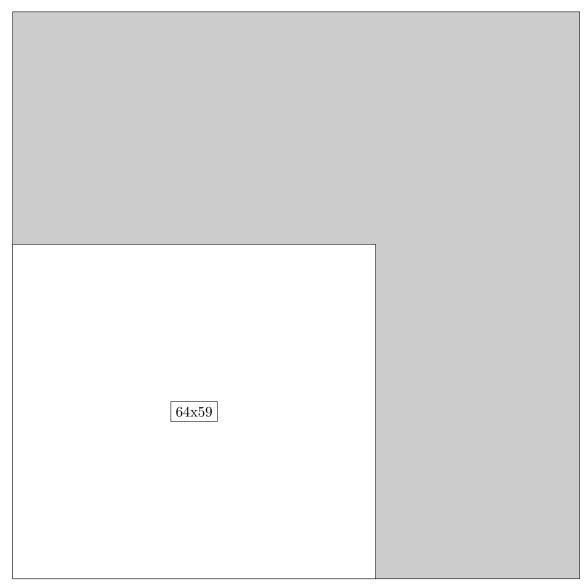
w = 73, h = 58, x = 0, y = 0, v = 4234



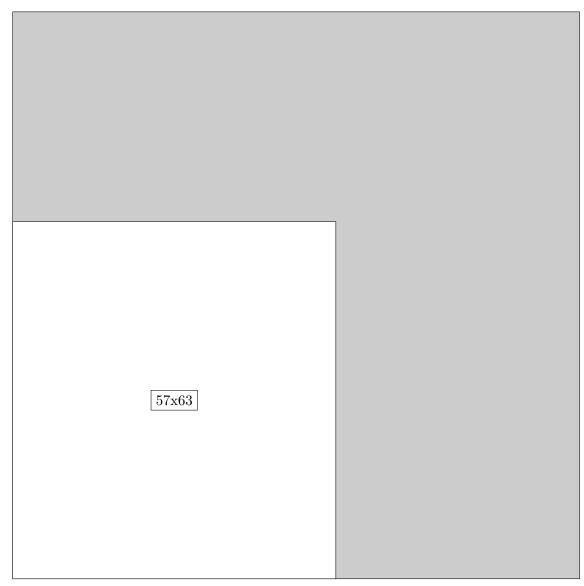
w = 58, h = 71, x = 0, y = 0, v = 4118



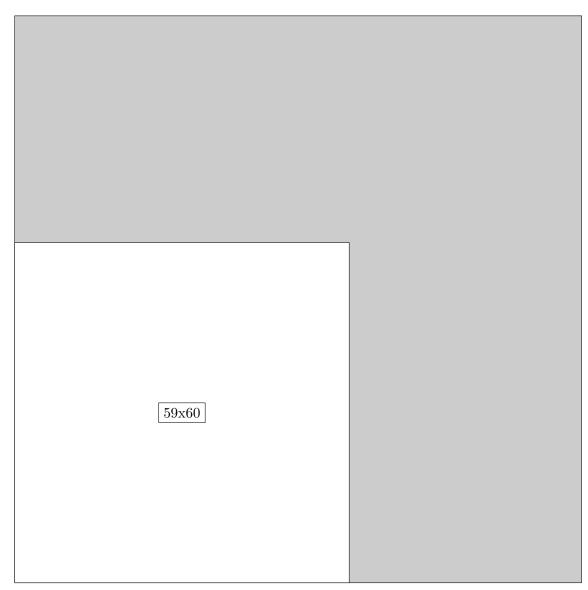
w = 76, h = 53, x = 0, y = 0, v = 4028



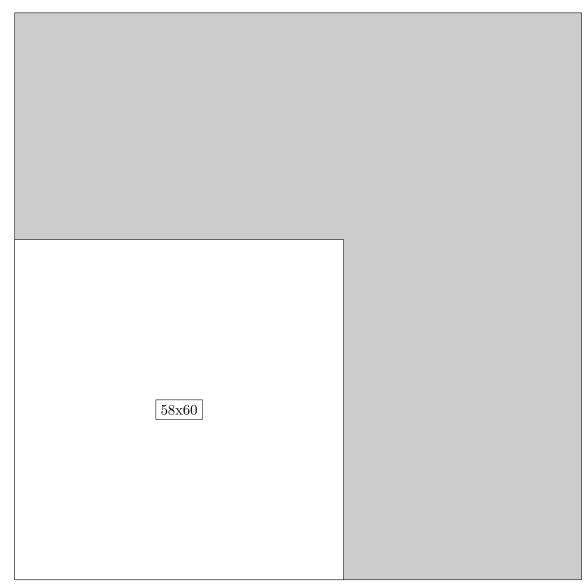
w = 64, h = 59, x = 0, y = 0, v = 3776



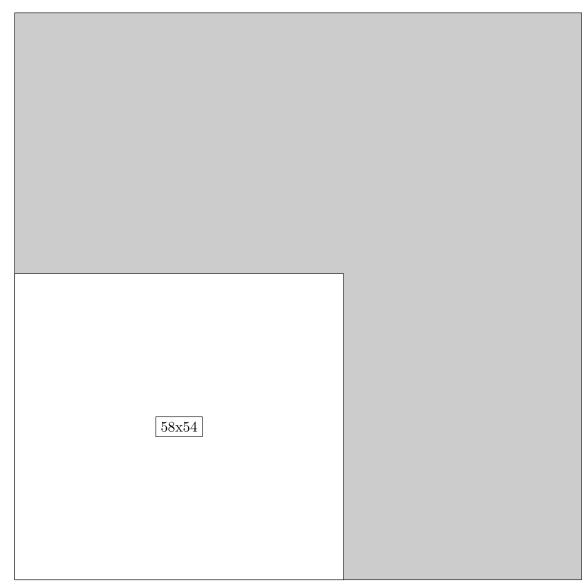
w = 57, h = 63, x = 0, y = 0, v = 3591



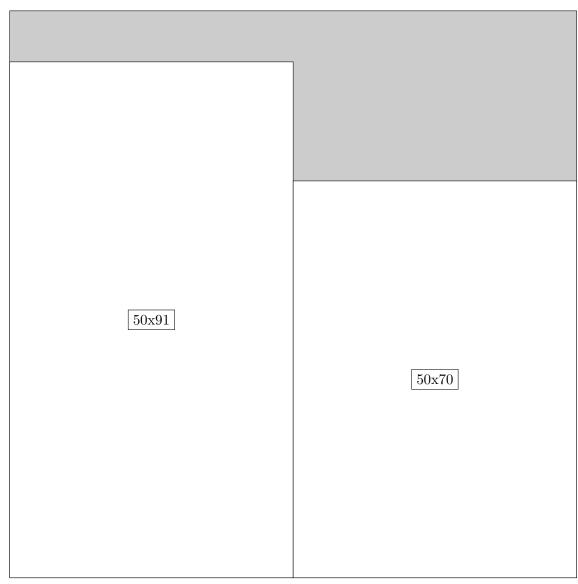
 $\overline{w} = 59$ , h = 60, x = 0, y = 0, v = 3540



w = 58, h = 60, x = 0, y = 0, v = 3480



w = 58, h = 54, x = 0, y = 0, v = 3132





$$\begin{array}{c} w = \!\!\! 75 \ , \ h = \!\!\! 50 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 3750 \\ w = \!\!\! 62 \ , \ h = \!\!\! 50 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 50 \ , \ v = \!\!\! 3100 \end{array}$$