$ClassName: \ Class\_09.2bp-11$ 

BinSize:  $\underline{100 \times 100}$ ReduceSize:  $\underline{100 \times 99}$ 

TypeNum: <u>39</u> Num: <u>40</u> OutS: <u>320000</u> InS: <u>185248</u> Rate: <u>0.579</u> UB: <u>32</u> LB0: <u>32</u>

LB: **32** 

LBWithCut:  $\underline{32}$ NodeCut:  $\underline{0}$ PrimalNode:  $\underline{0}$ ColumnCount:  $\underline{32}$ TotalCutCount:  $\underline{0}$ RootCutCount:  $\underline{0}$ LPSolverCnt:  $\underline{1}$ PricingSolverCnt:  $\underline{0}$ BranchAndBoundNum:  $\underline{1}$ 

isOpt: **true** 

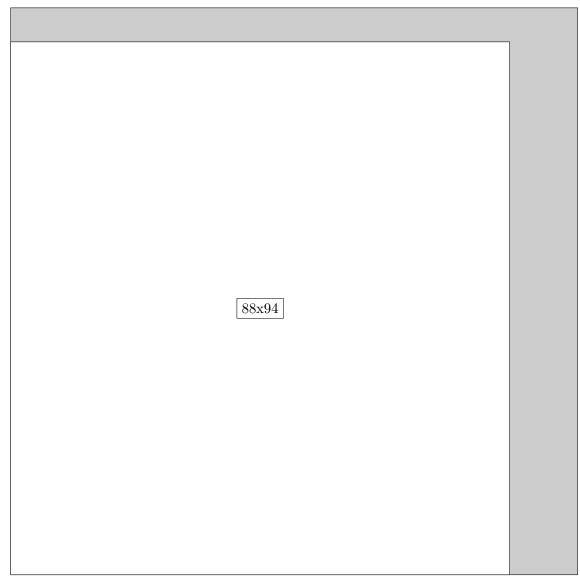
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.059 sTotalTime: 0.109 s



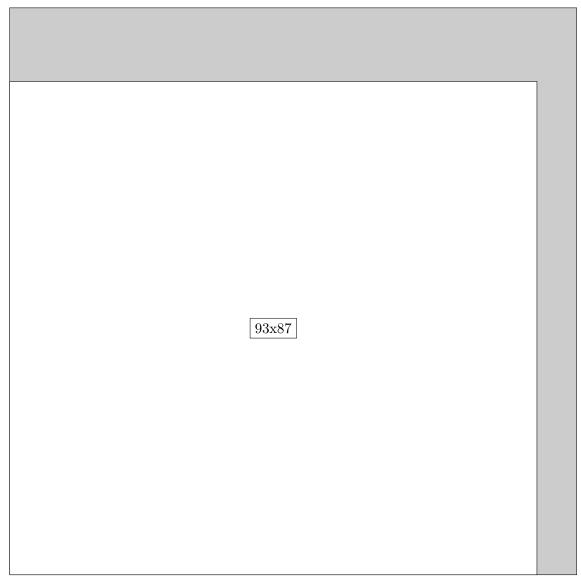
 $\le =89$  , h =95 , x =0 , y =0 , v = 8455



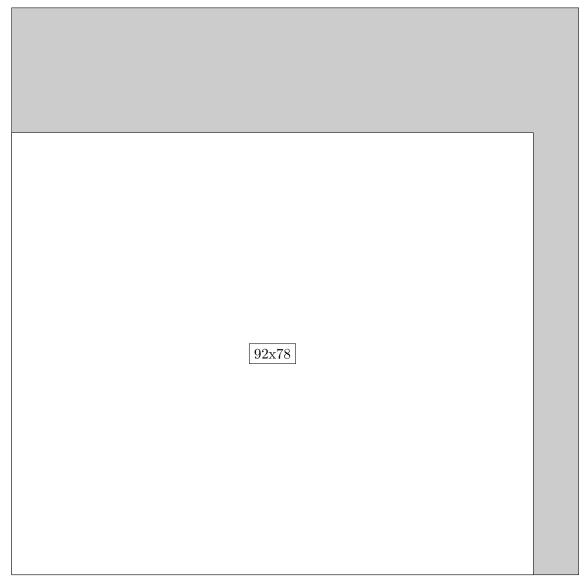
 $\le =89$  , h =95 , x =0 , y =0 , v = 8455



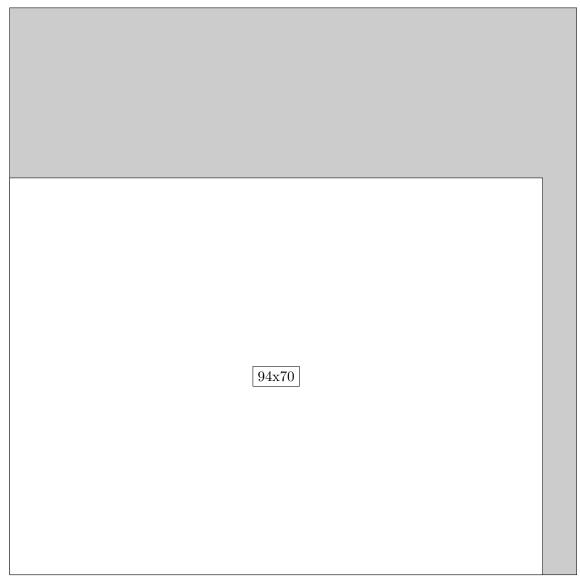
 $\le =88$  , h =94 , x =0 , y =0 , v =8272



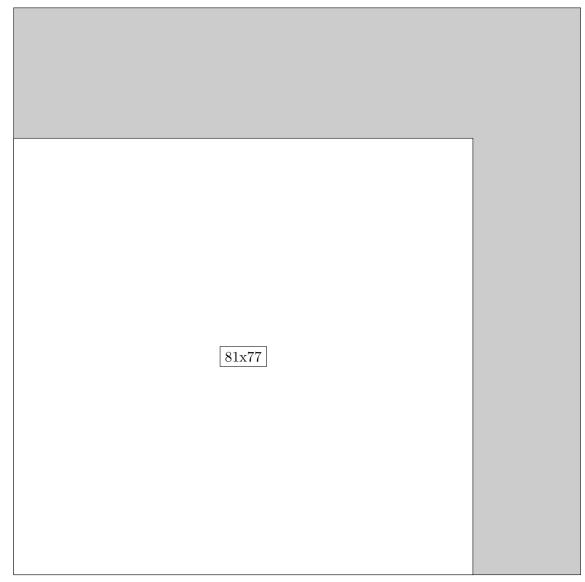
 $\overline{w} = 93$ , h = 87, x = 0, y = 0, v = 8091



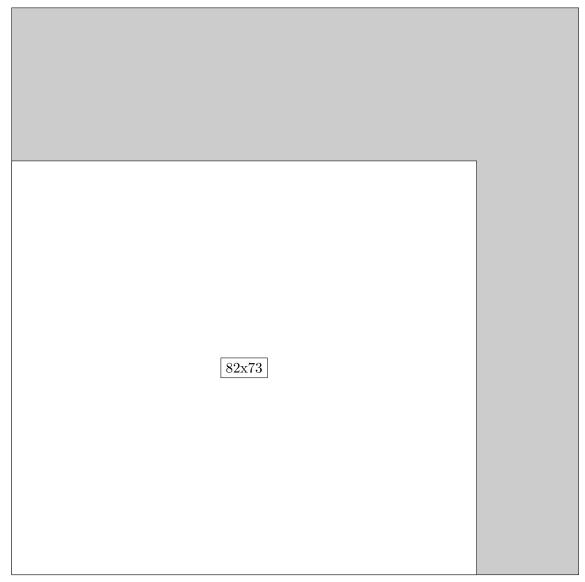
 $\le =92$  , h =78 , x =0 , y =0 , v =7176



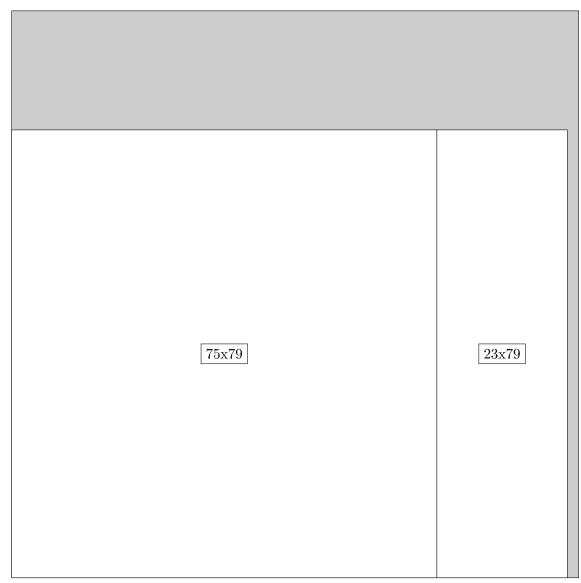
 $\le =94$  , h =70 , x =0 , y =0 , v =6580

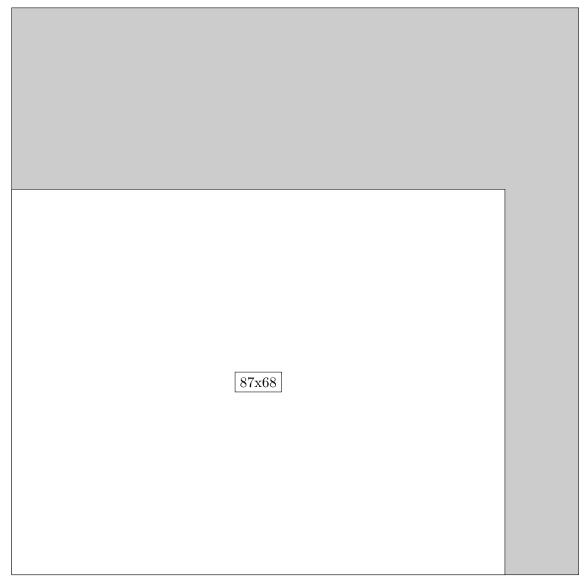


 $\le =81$  , h =77 , x =0 , y =0 , v =6237

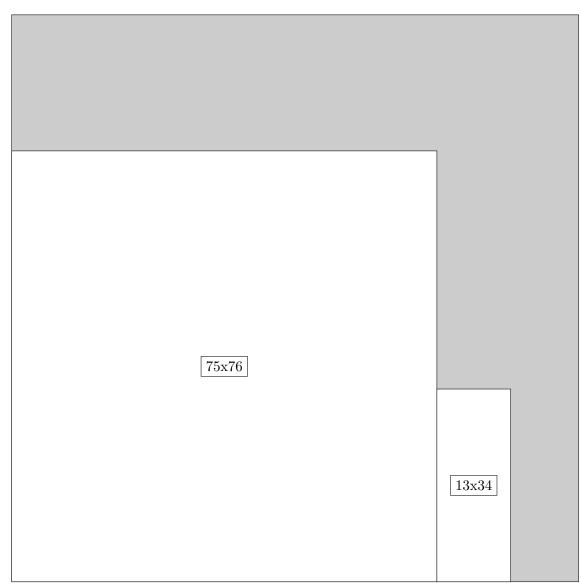


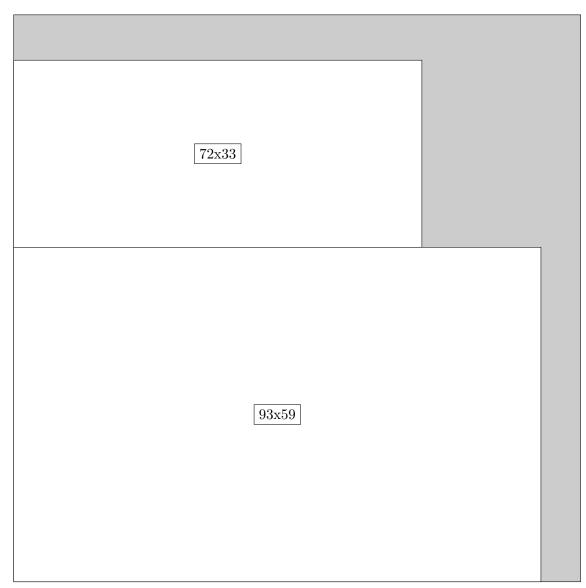
 $\le =82$  , h =73 , x =0 , y =0 , v =5986



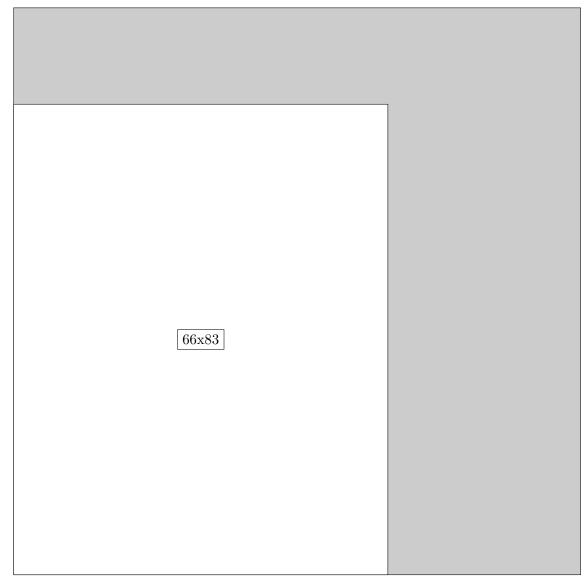


w = 87, h = 68, x = 0, y = 0, v = 5916

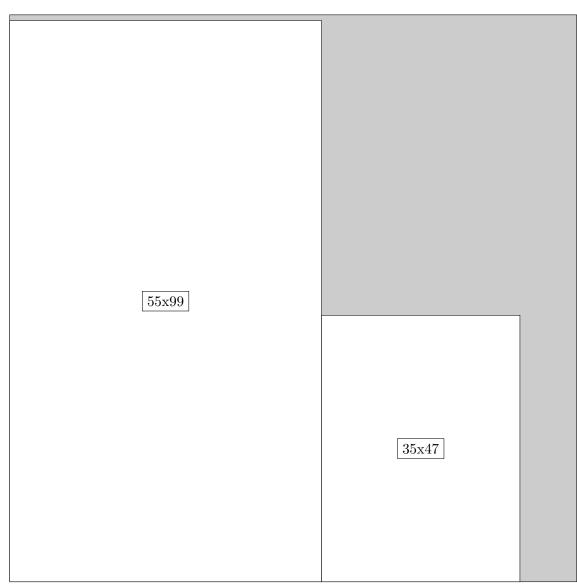




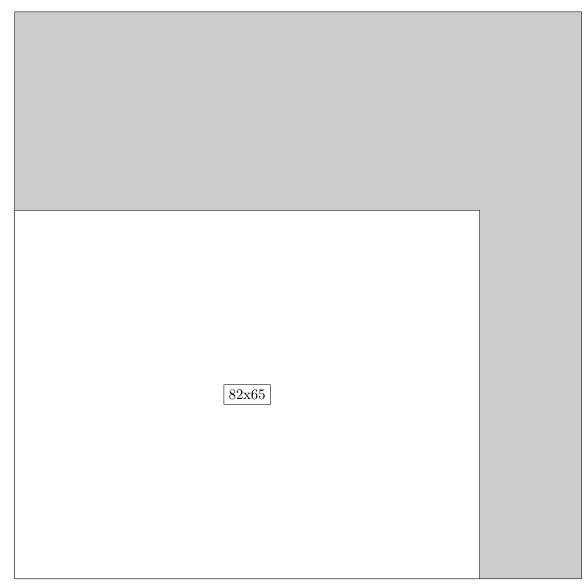
$$\begin{array}{l} w = \!\!\! 72 \ , \ h = \!\!\! 33 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 59 \ , \ v = \!\!\! 2376 \\ w = \!\!\! 93 \ , \ h = \!\!\! 59 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 5487 \end{array}$$



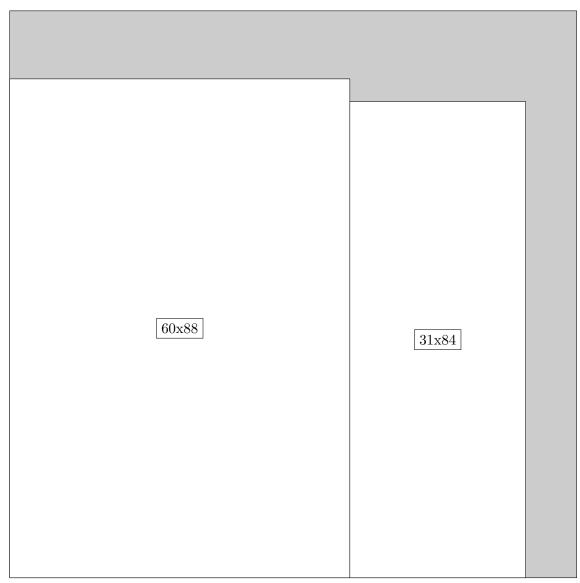
w = 66, h = 83, x = 0, y = 0, v = 5478

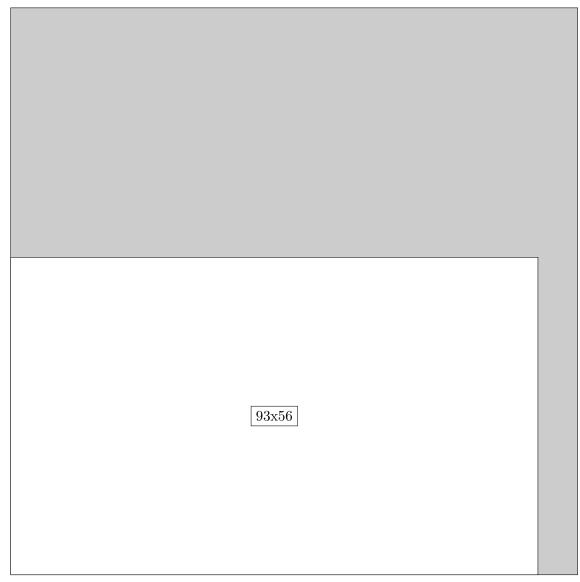


$$\begin{array}{c} w = \!\! 55 \ , \ h = \!\! 99 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 5445 \\ w = \!\! 35 \ , \ h = \!\! 47 \ , \ x = \!\! 55 \ , \ y = \!\! 0 \ , \ v = \!\! 1645 \end{array}$$



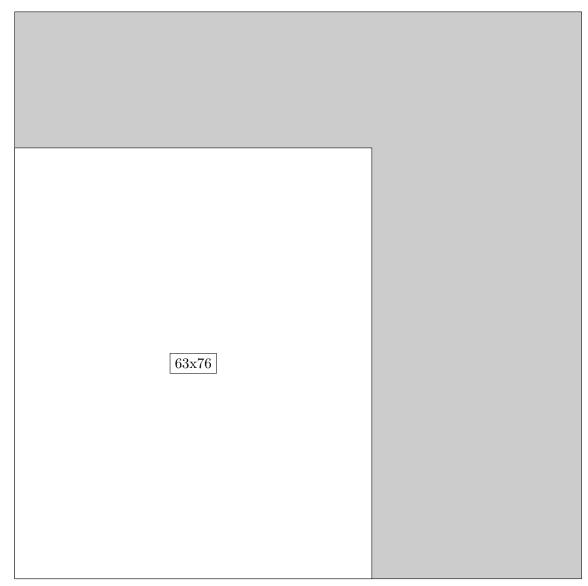
 $\le =82$  , h =65 , x =0 , y =0 , v =5330



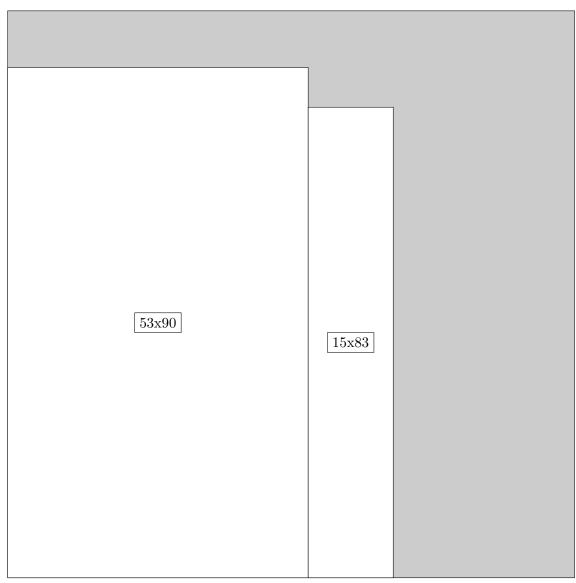


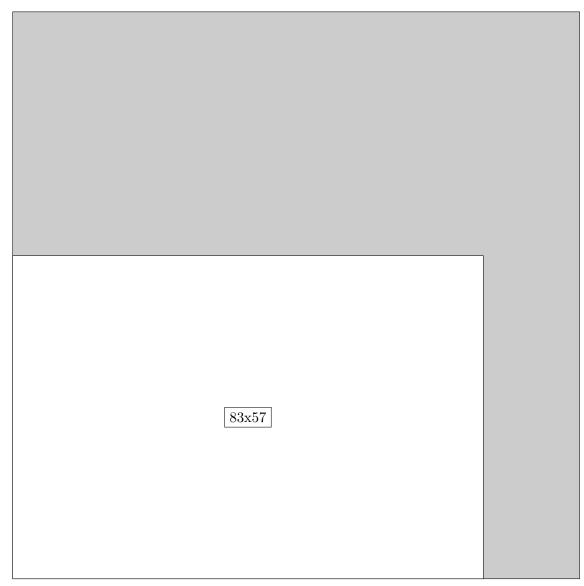
 $\le =93$  , h =56 , x =0 , y =0 , v =5208



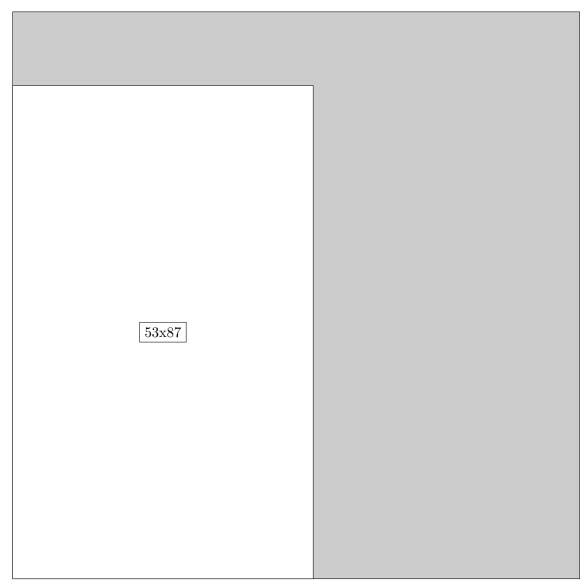


w = 63, h = 76, x = 0, y = 0, v = 4788

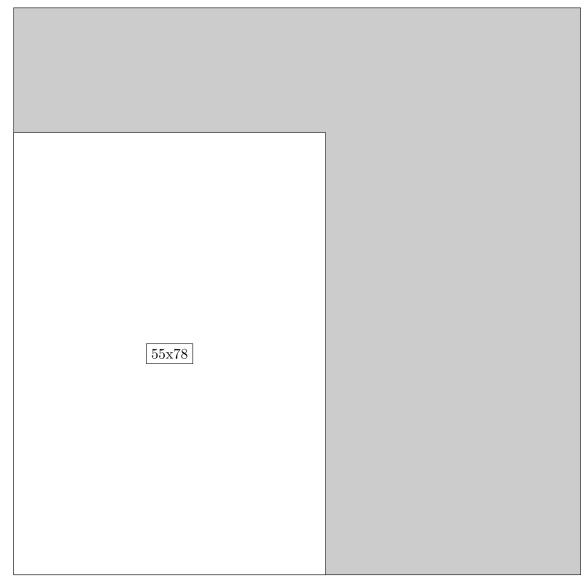




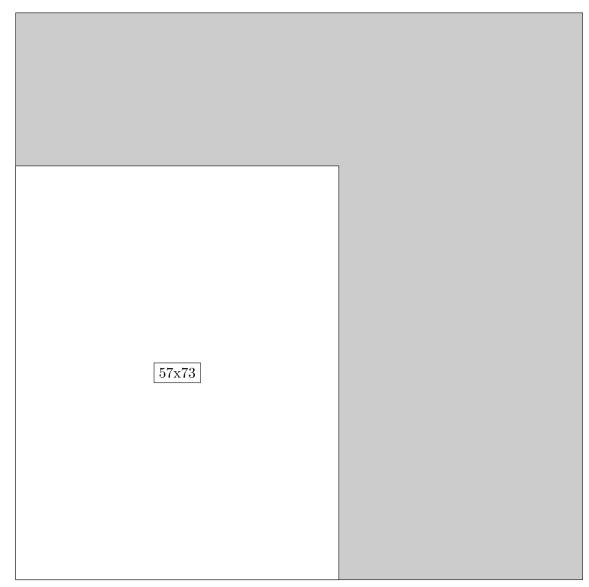
 $\le =83$  , h =57 , x =0 , y =0 , v =4731



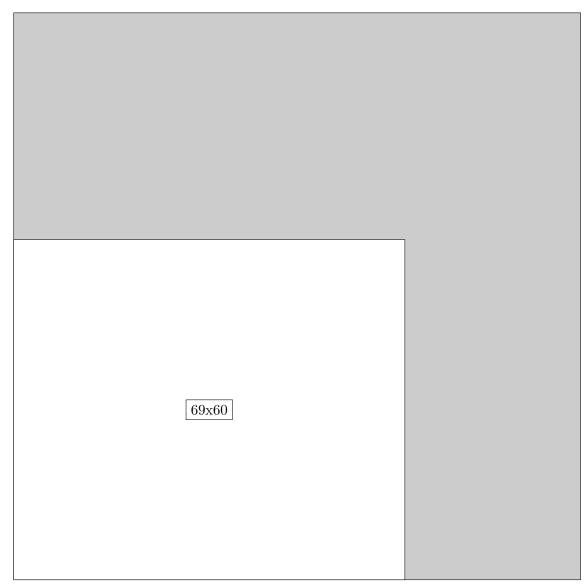
 $\overline{w} = 53$ , h = 87, x = 0, y = 0, v = 4611



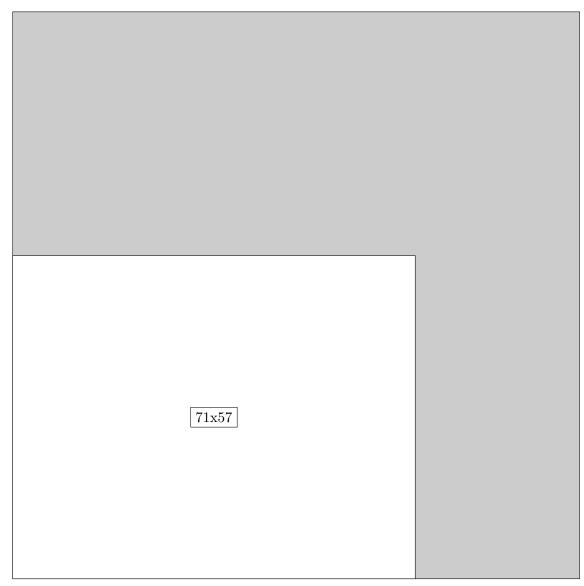
w = 55, h = 78, x = 0, y = 0, v = 4290



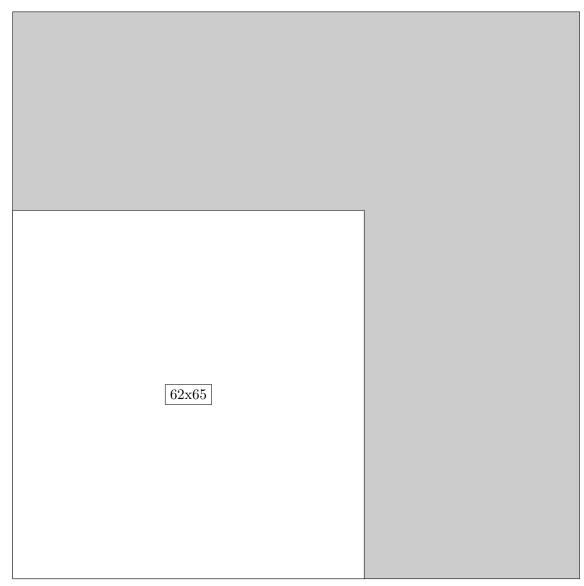
w = 57, h = 73, x = 0, y = 0, v = 4161



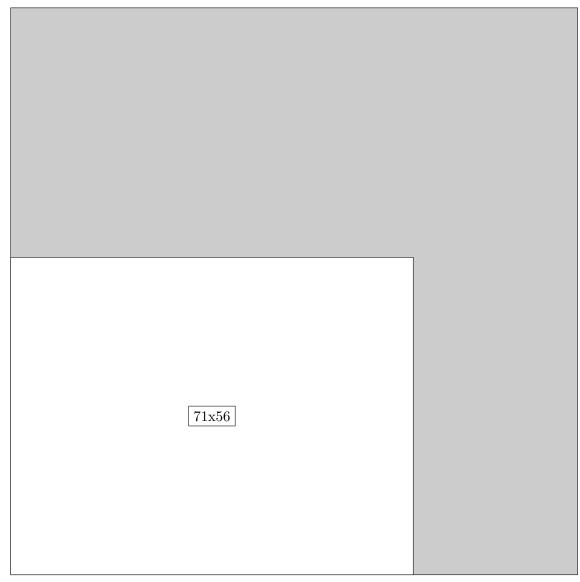
 $\overline{\mathbf{w}} = 69$ ,  $\mathbf{h} = 60$ ,  $\mathbf{x} = 0$ ,  $\mathbf{y} = 0$ ,  $\mathbf{v} = 4140$ 



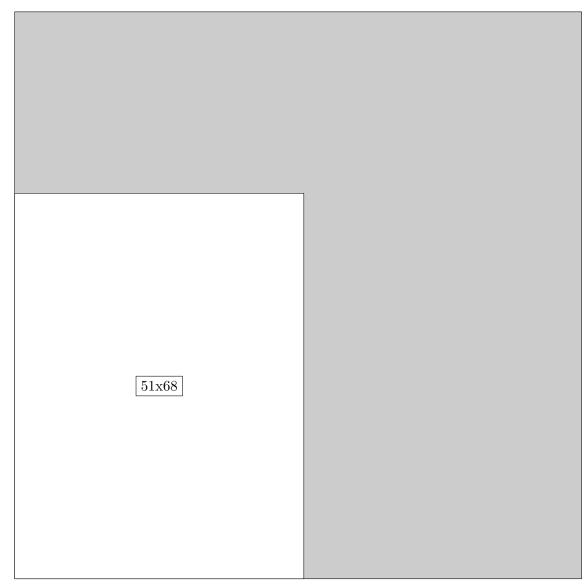
w = 71, h = 57, x = 0, y = 0, v = 4047



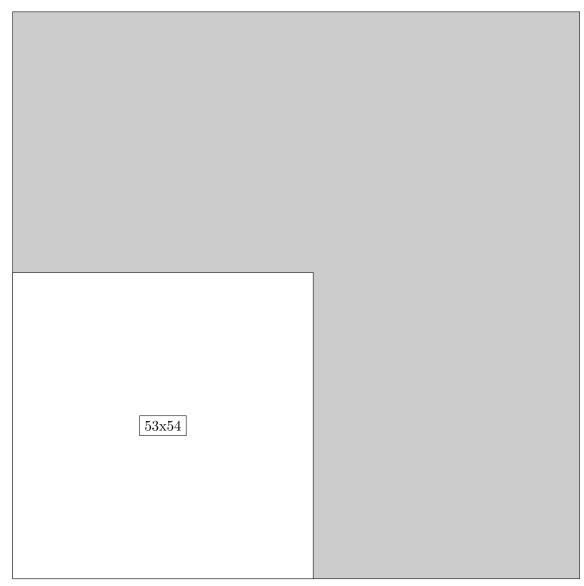
w = 62, h = 65, x = 0, y = 0, v = 4030



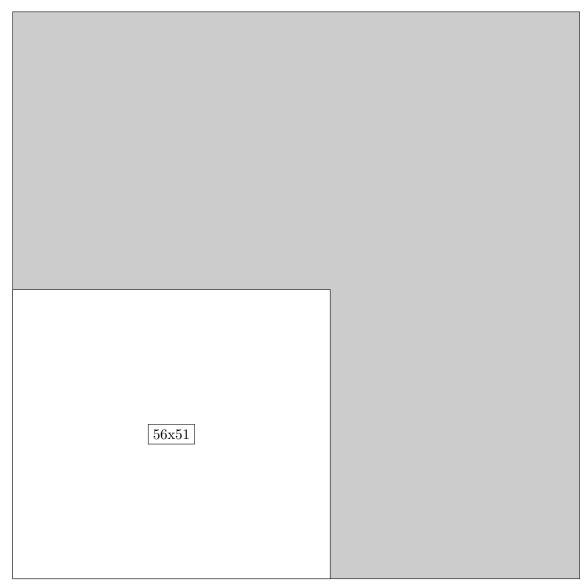
w = 71, h = 56, x = 0, y = 0, v = 3976



 $\overline{w} = 51$ , h = 68, x = 0, y = 0, v = 3468



w = 53, h = 54, x = 0, y = 0, v = 2862



w = 56, h = 51, x = 0, y = 0, v = 2856

