$ClassName: \ Class\_09.2bp-26$ 

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

TypeNum:  $\underline{58}$ Num:  $\underline{60}$ OutS:  $\underline{410000}$ InS:  $\underline{247413}$ Rate:  $\underline{0.603}$ UB:  $\underline{41}$ 

UB: <u>41</u> LB0: <u>41</u> LB: 41

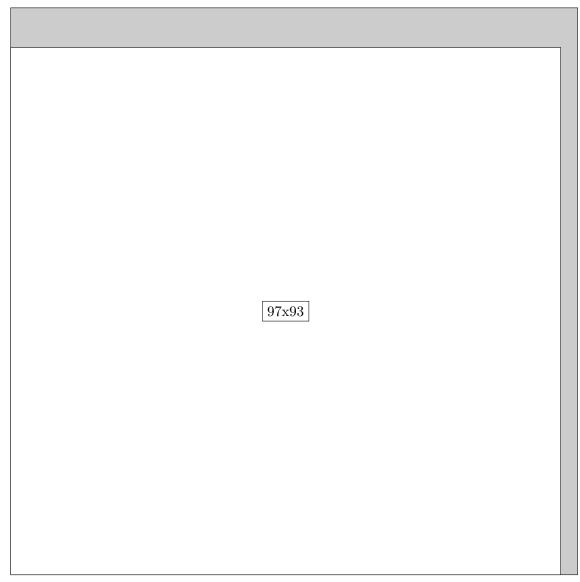
LBWithCut:  $\underline{\mathbf{41}}$ NodeCut:  $\underline{\mathbf{0}}$ 

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

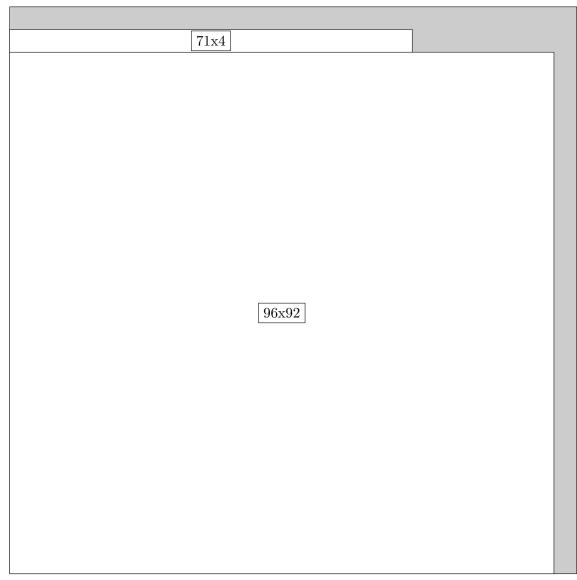
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{41}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

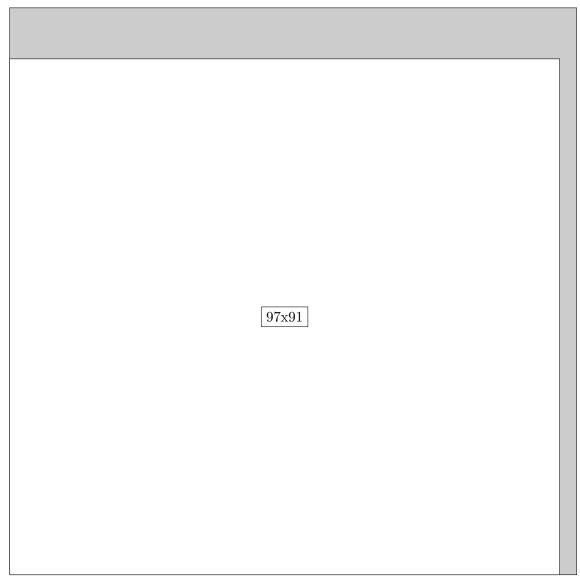
TimeOnInitSolution: 0.230 sTimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.355 s



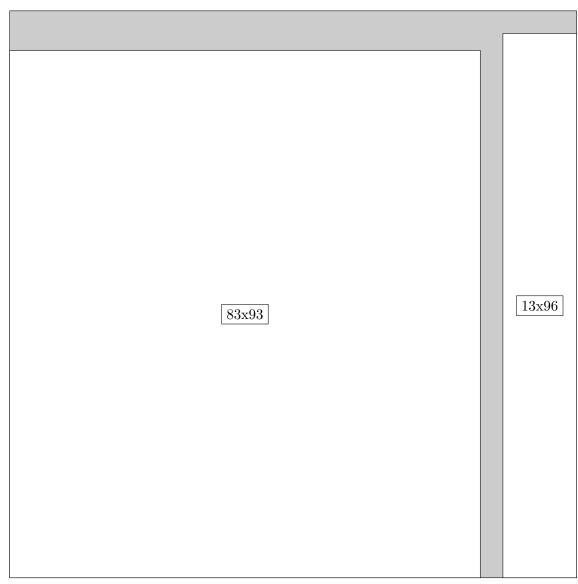
w = 97, h = 93, x = 0, y = 0, v = 9021

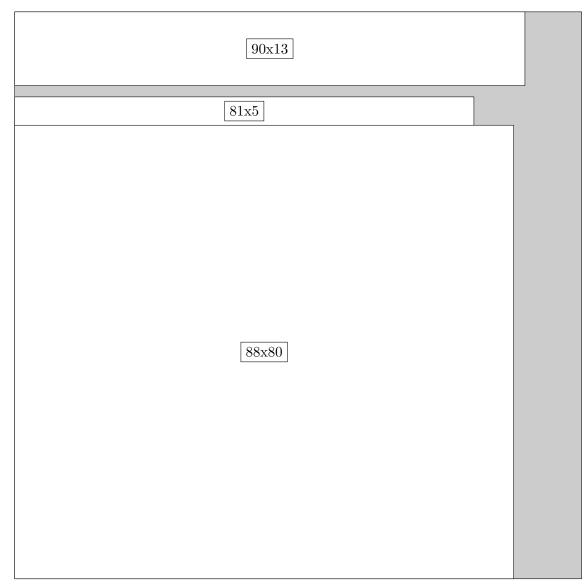


$$\begin{array}{l} w = \! 96 \ , \, h = \! 92 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 8832 \\ w = \! 71 \ , \, h = \! 4 \ , \, x = \! 0 \ , \, y = \! 92 \ , \, v = \! 284 \end{array}$$

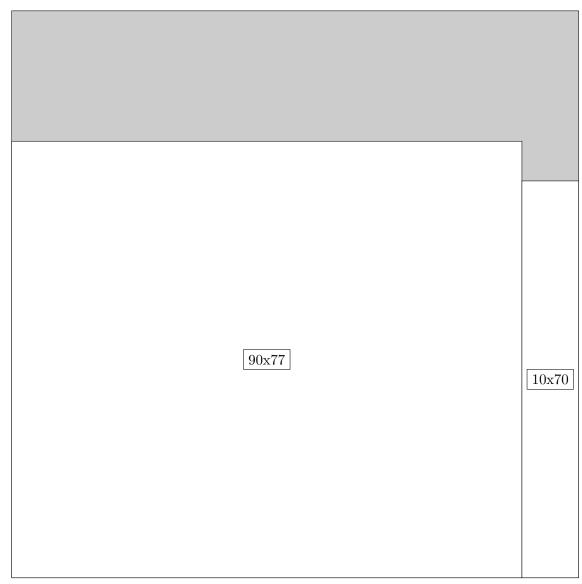


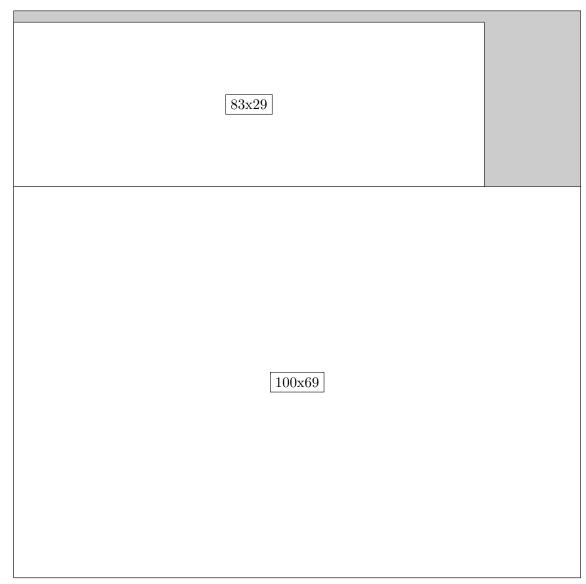
w = 97, h = 91, x = 0, y = 0, v = 8827



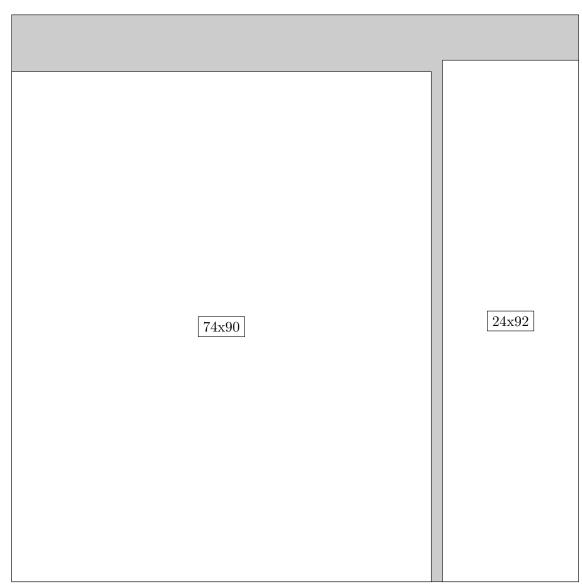


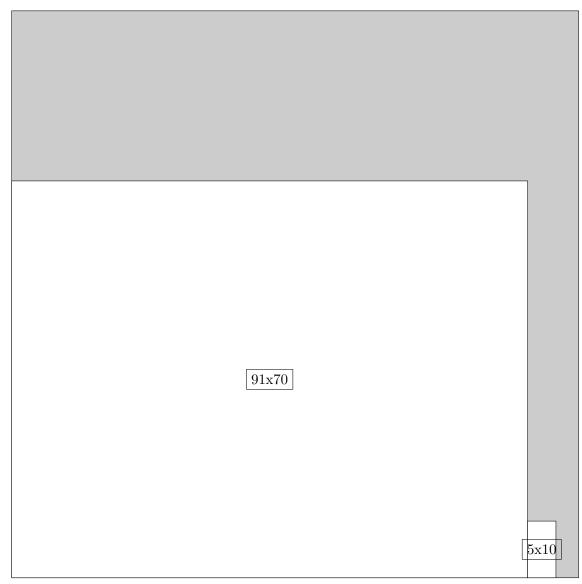
$$\begin{array}{l} w = \! 88 \ , \ h = \! 80 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7040 \\ w = \! 90 \ , \ h = \! 13 \ , \ x = \! 0 \ , \ y = \! 87 \ , \ v = \! 1170 \\ w = \! 81 \ , \ h = \! 5 \ , \ x = \! 0 \ , \ y = \! 80 \ , \ v = \! 405 \end{array}$$



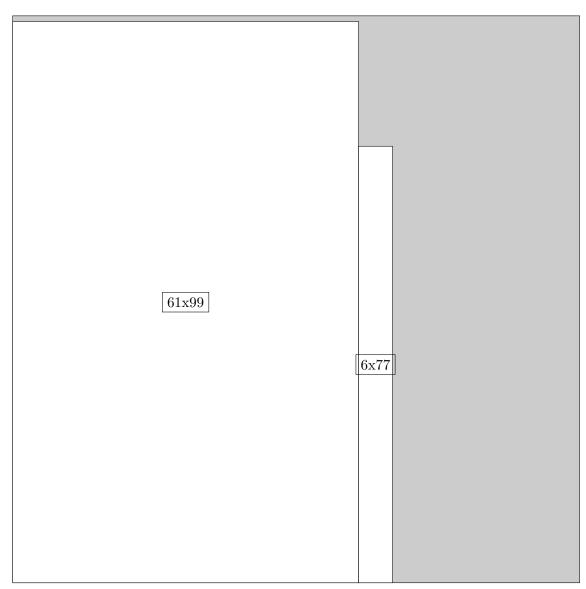


$$\begin{array}{c} w = \! 100 \; , \; h = \! 69 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 6900 \\ w = \! 83 \; , \; h = \! 29 \; , \; x = \! 0 \; , \; y = \! 69 \; , \; v = \! 2407 \end{array}$$

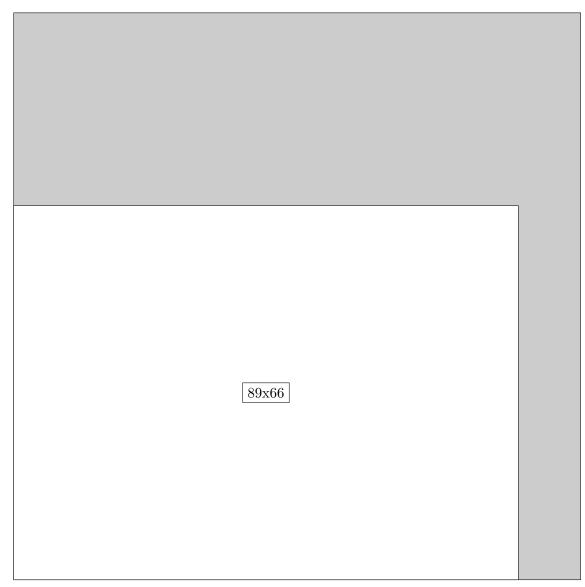




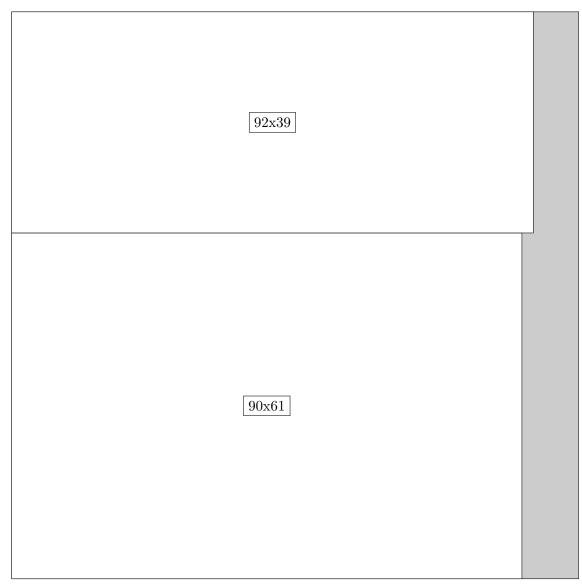
 $\begin{array}{l} w = \! 91 \ , \, h = \! 70 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 6370 \\ w = \! 5 \ , \, h = \! 10 \ , \, x = \! 91 \ , \, y = \! 0 \ , \, v = \! 50 \end{array}$ 

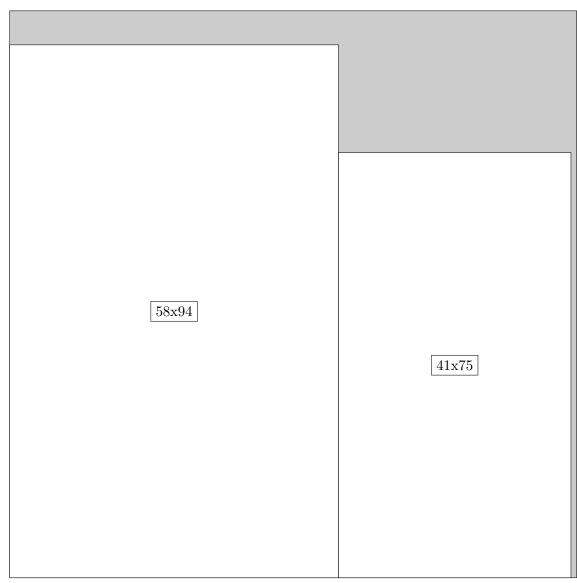


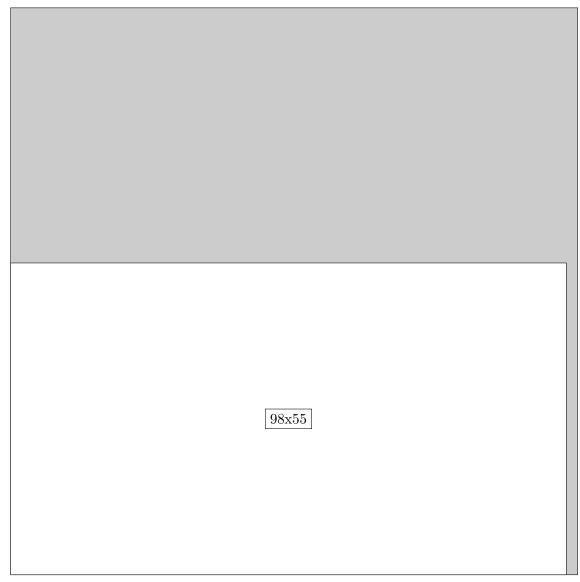
 $\begin{array}{l} w = \! 61 \ , \, h = \! 99 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 6039 \\ w = \! 6 \ , \, h = \! 77 \ , \, x = \! 61 \ , \, y = \! 0 \ , \, v = \! 462 \end{array}$ 



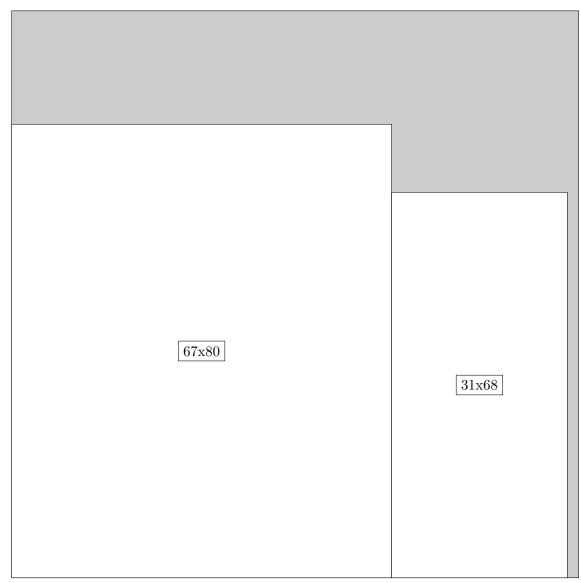
 $\le =89$  , h =66 , x =0 , y =0 , v =5874

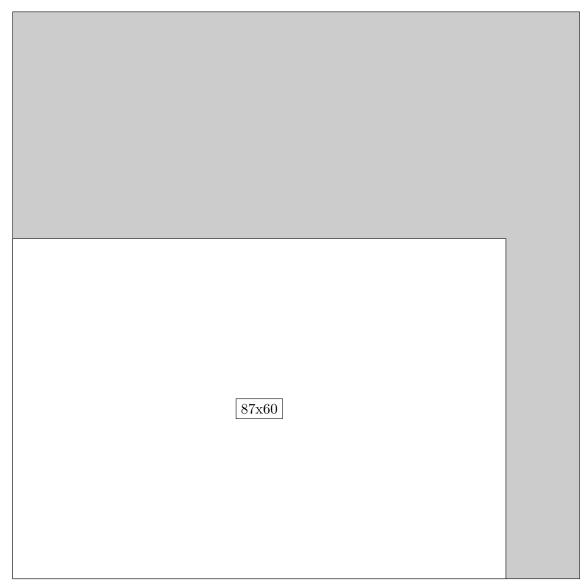




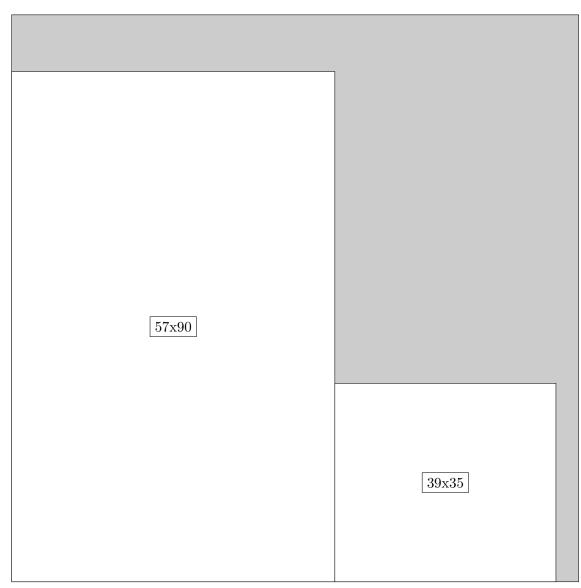


 $\le =98$  , h =55 , x =0 , y =0 , v =5390



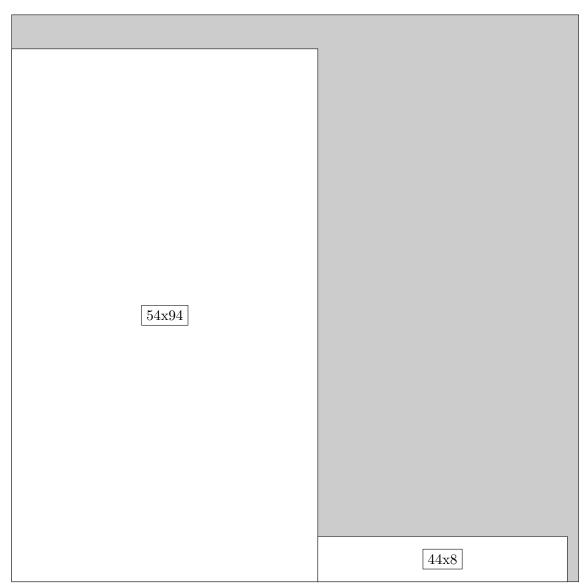


w = 87, h = 60, x = 0, y = 0, v = 5220

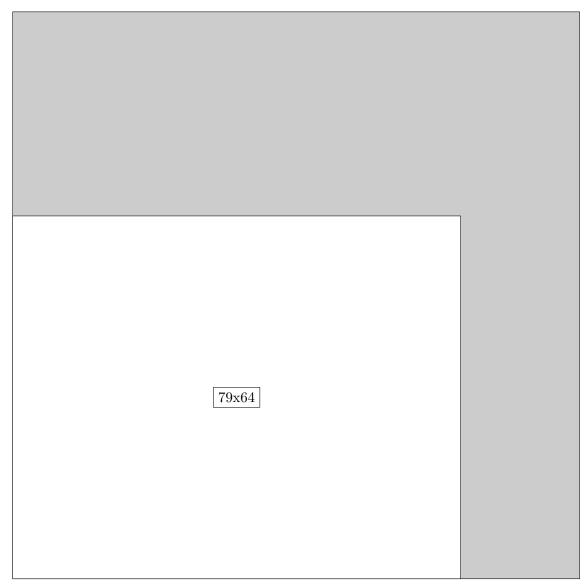




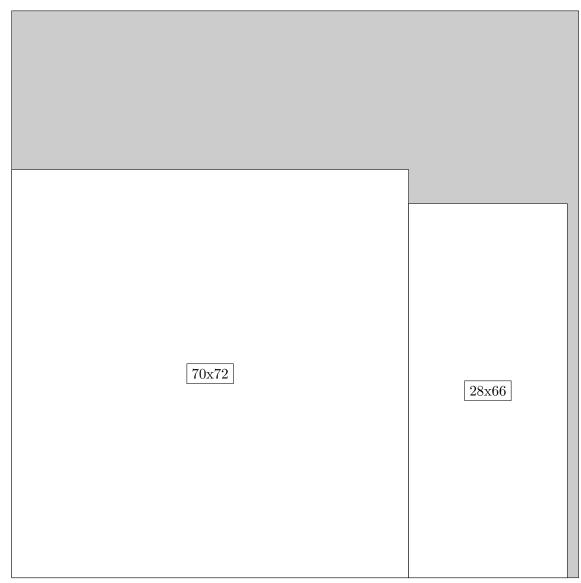
$$\begin{array}{c} w = 98 \; , \; h = 52 \; , \; x = 0 \; , \; y = 0 \; , \; v = 5096 \\ w = 75 \; , \; h = 23 \; , \; x = 0 \; , \; y = 52 \; , \; v = 1725 \\ \end{array}$$

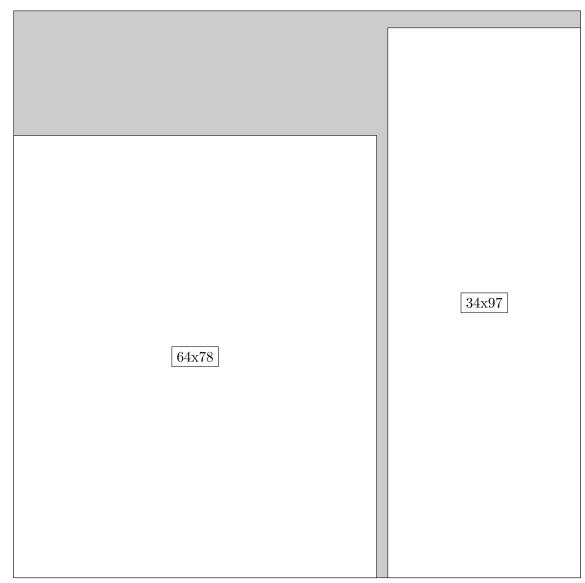


 $\begin{array}{l} w = \!54 \ , \, h = \!94 \ , \, x = \!0 \ , \, y = \!0 \ , \, v = \!5076 \\ w = \!44 \ , \, h = \!8 \ , \, x = \!54 \ , \, y = \!0 \ , \, v = \!352 \end{array}$ 

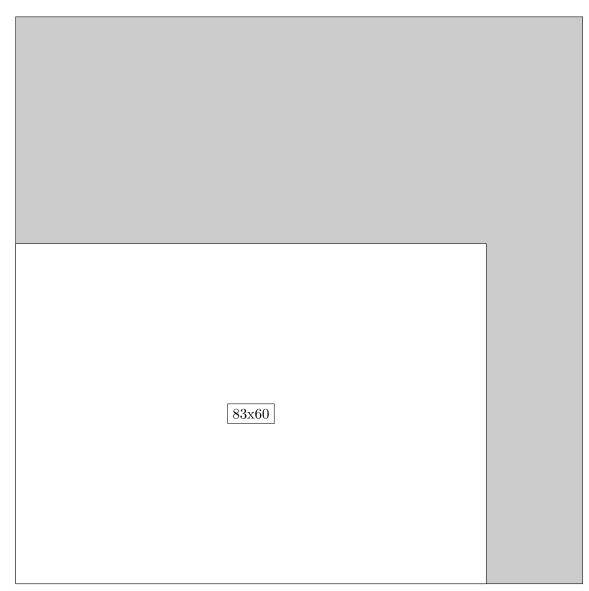


w = 79, h = 64, x = 0, y = 0, v = 5056

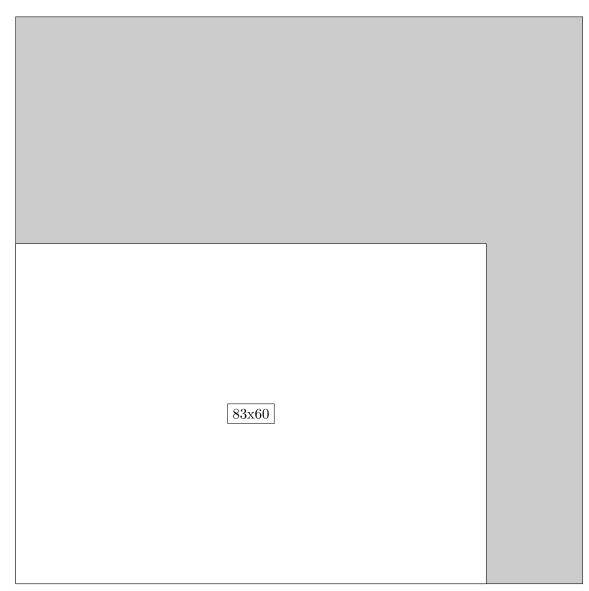




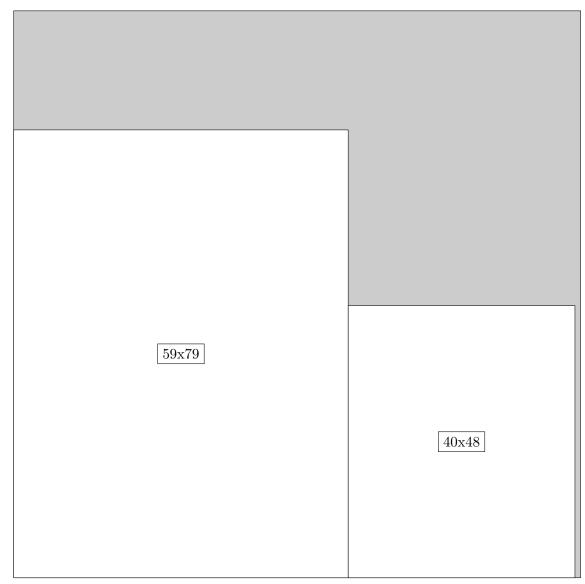
$$\begin{array}{c} w = 64 \; , \; h = 78 \; , \; x = 0 \; , \; y = 0 \; , \; v = 4992 \\ w = 34 \; , \; h = 97 \; , \; x = 66 \; , \; y = 0 \; , \; v = 3298 \\ \end{array}$$

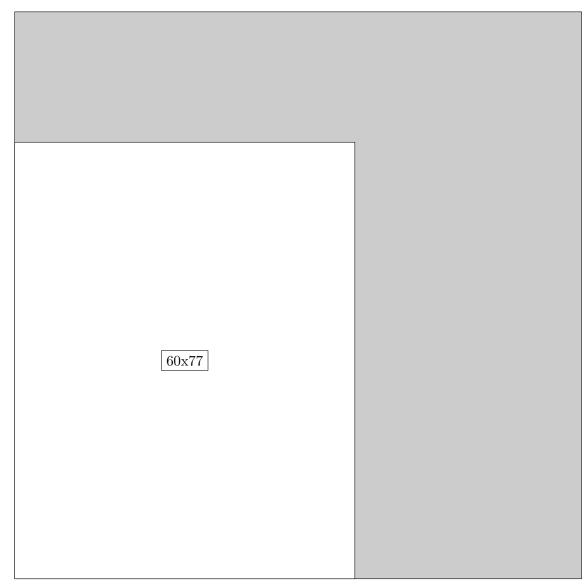


 $\overline{\rm w}$  =83 , h =60 , x =0 , y =0 , v =4980

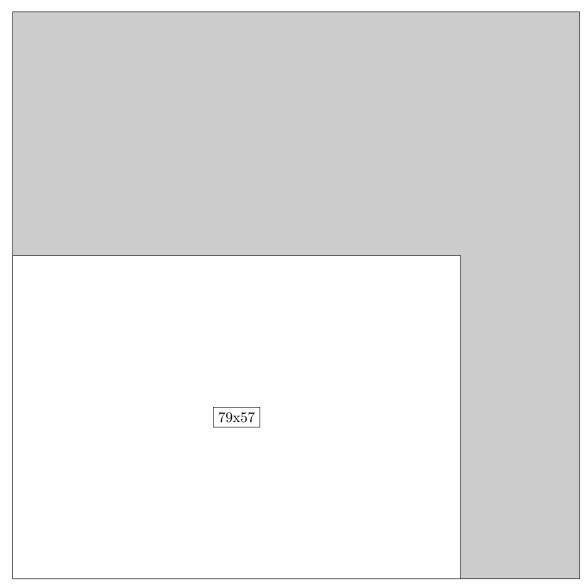


 $\overline{\rm w}$  =83 , h =60 , x =0 , y =0 , v =4980

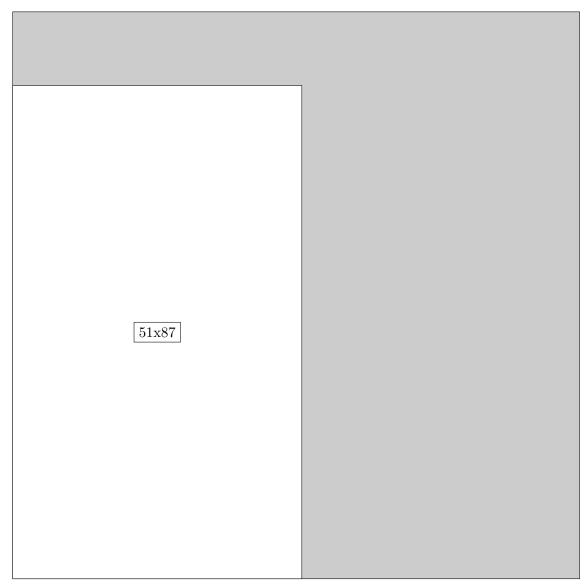




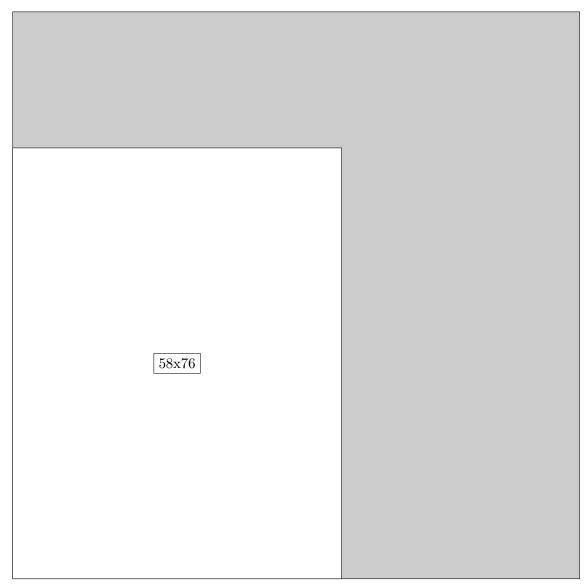
w = 60, h = 77, x = 0, y = 0, v = 4620



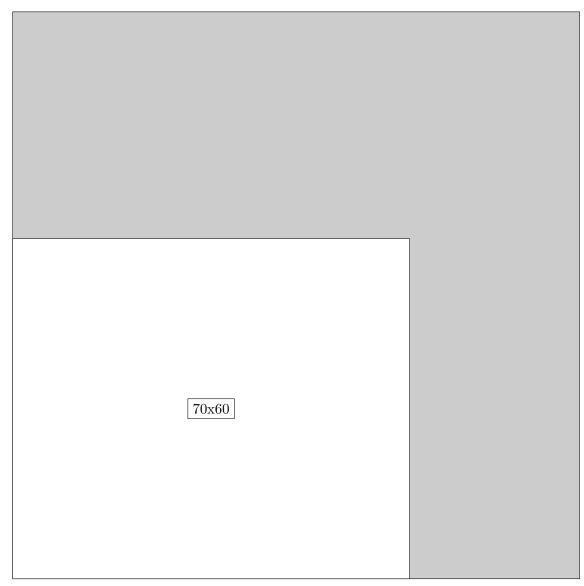
w = 79, h = 57, x = 0, y = 0, v = 4503



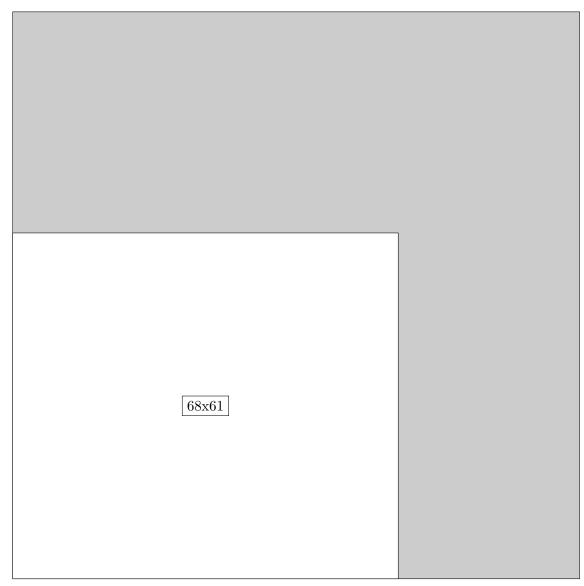
w = 51, h = 87, x = 0, y = 0, v = 4437



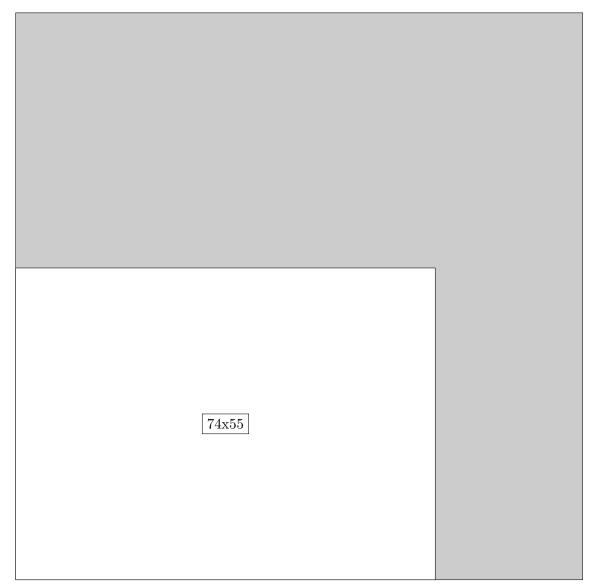
w = 58, h = 76, x = 0, y = 0, v = 4408



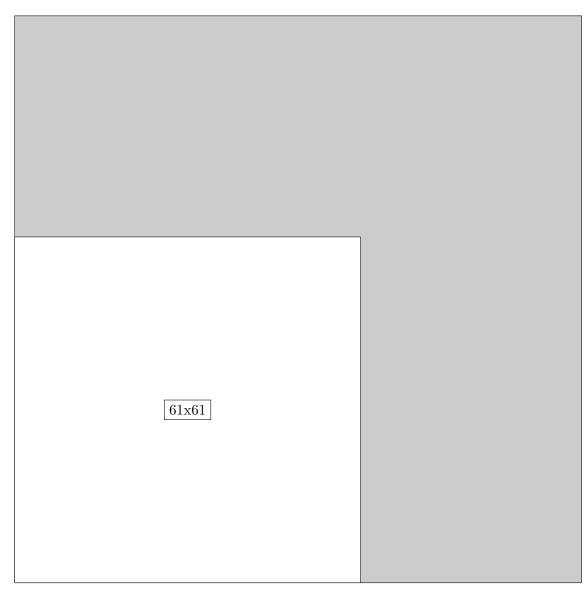
 $\overline{\mathbf{w}} = 70$ ,  $\mathbf{h} = 60$ ,  $\mathbf{x} = 0$ ,  $\mathbf{y} = 0$ ,  $\mathbf{v} = 4200$ 



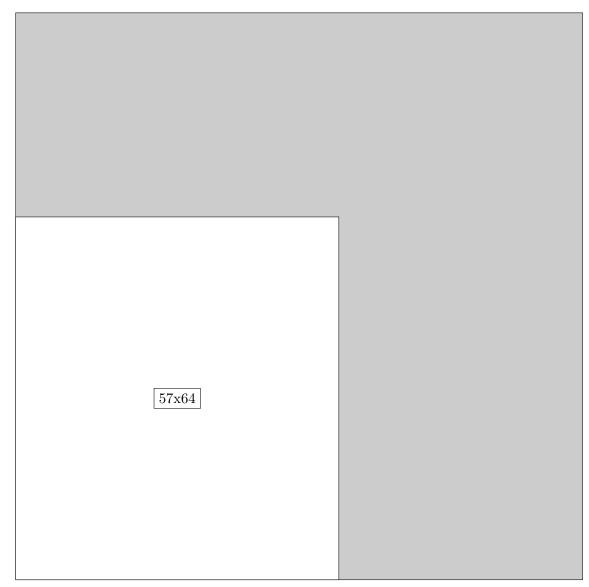
w = 68, h = 61, x = 0, y = 0, v = 4148



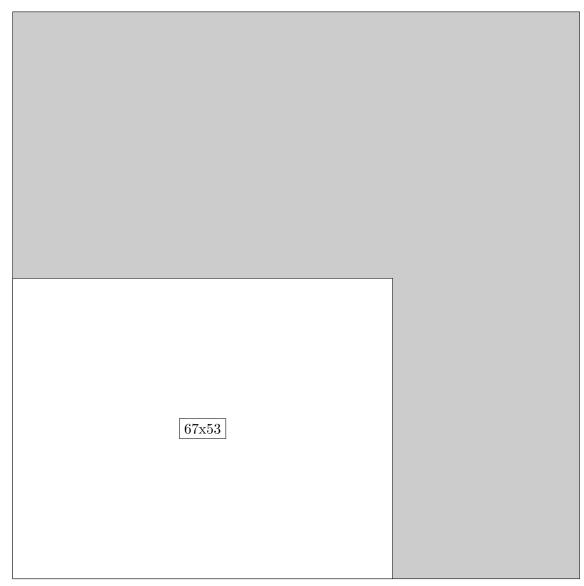
w = 74, h = 55, x = 0, y = 0, v = 4070



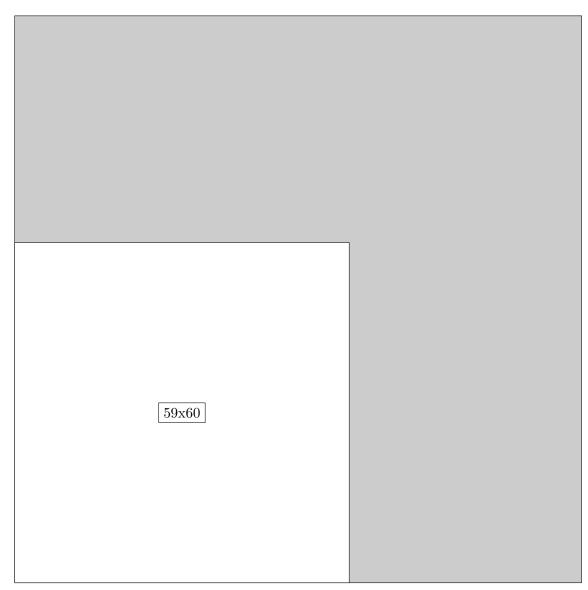
w = 61, h = 61, x = 0, y = 0, v = 3721



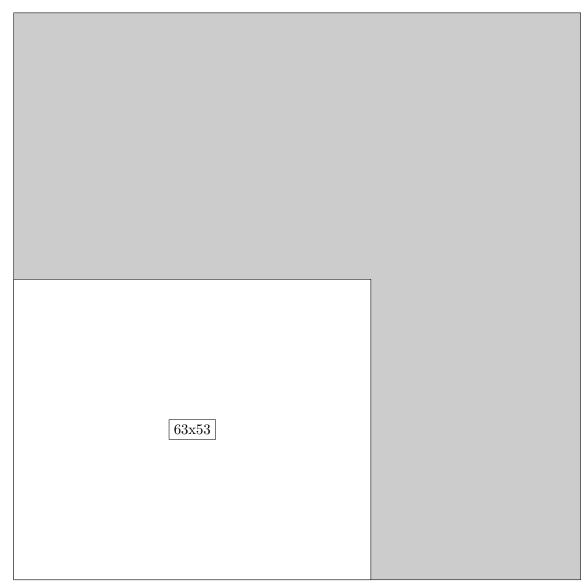
w = 57, h = 64, x = 0, y = 0, v = 3648



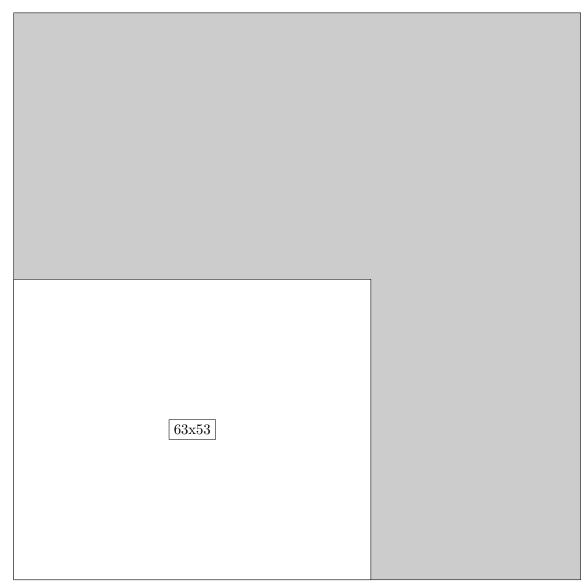
 $\overline{\mathbf{w}} = 67$ ,  $\mathbf{h} = 53$ ,  $\mathbf{x} = 0$ ,  $\mathbf{y} = 0$ ,  $\mathbf{v} = 3551$ 



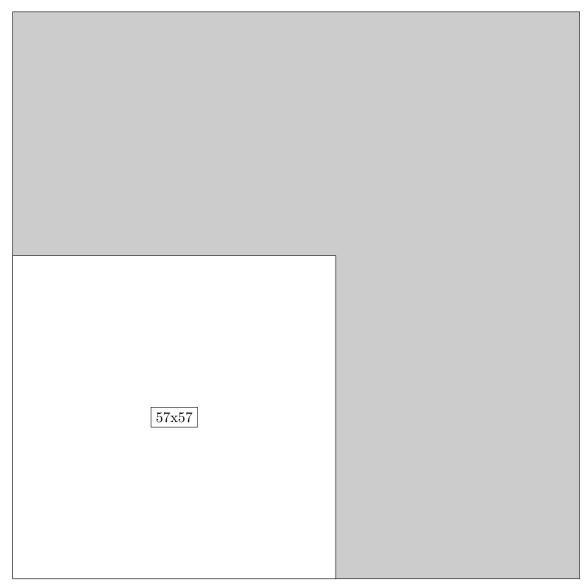
 $\overline{w} = 59$ , h = 60, x = 0, y = 0, v = 3540



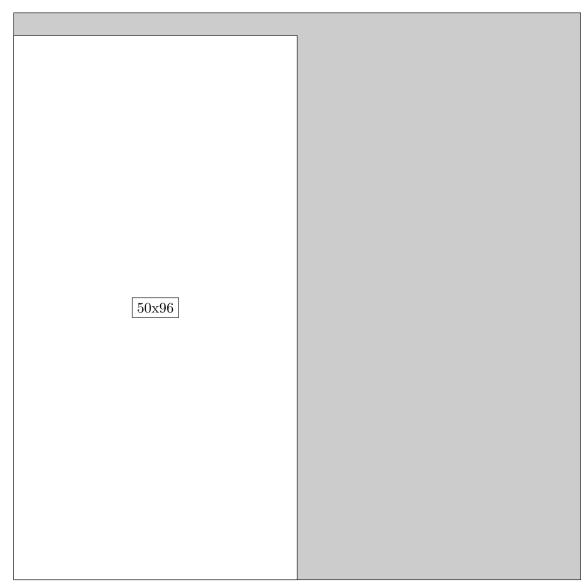
 $\overline{w} = 63$ , h = 53, x = 0, y = 0, v = 3339



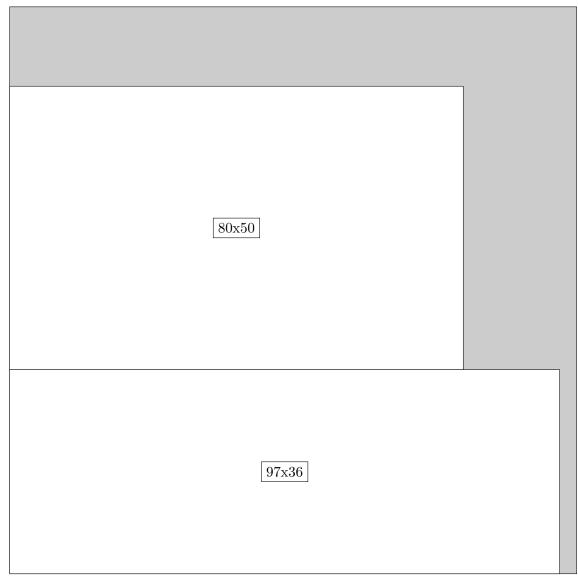
 $\overline{w} = 63$ , h = 53, x = 0, y = 0, v = 3339



w = 57, h = 57, x = 0, y = 0, v = 3249



 $\overline{w} = 50$ , h = 96, x = 0, y = 0, v = 4800



$$\begin{array}{l} w = \! 80 \ , \ h = \! 50 \ , \ x = \! 0 \ , \ y = \! 36 \ , \ v = \! 4000 \\ w = \! 97 \ , \ h = \! 36 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3492 \end{array}$$