$ClassName: \ Class\_09.2bp-20$ 

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

TypeNum: <u>59</u> Num: <u>60</u> OutS: <u>460000</u> InS: <u>292882</u> Rate: <u>0.637</u> UB: <u>46</u> LB0: <u>46</u>

LBWithCut:  $\underline{\mathbf{46}}$ NodeCut:  $\mathbf{0}$ 

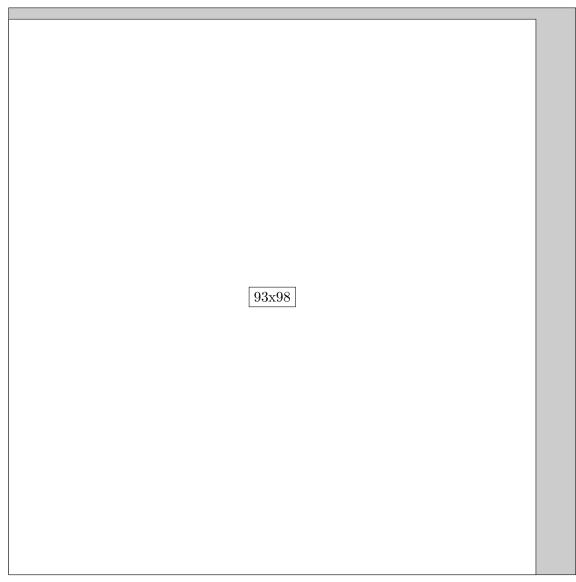
LB: **46** 

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

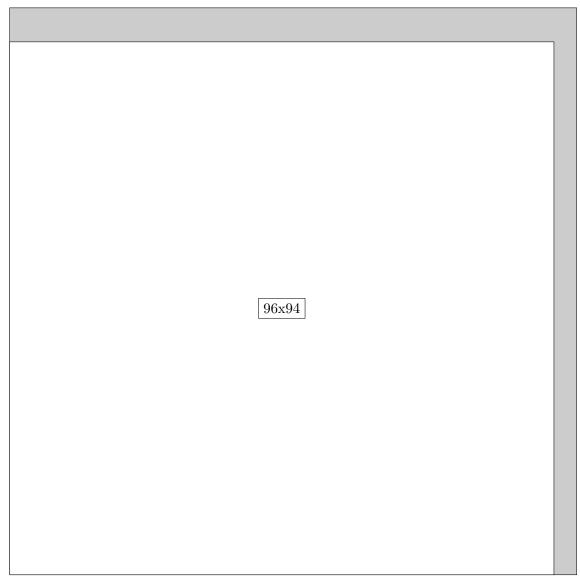
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{46}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

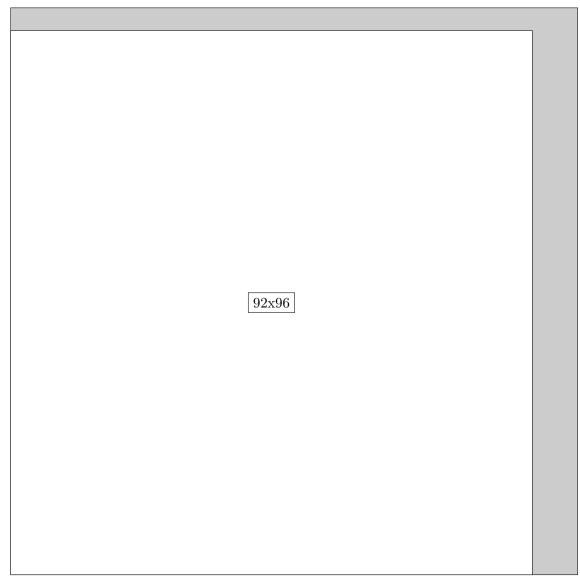
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.240 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.365 \ s} \end{array}$ 



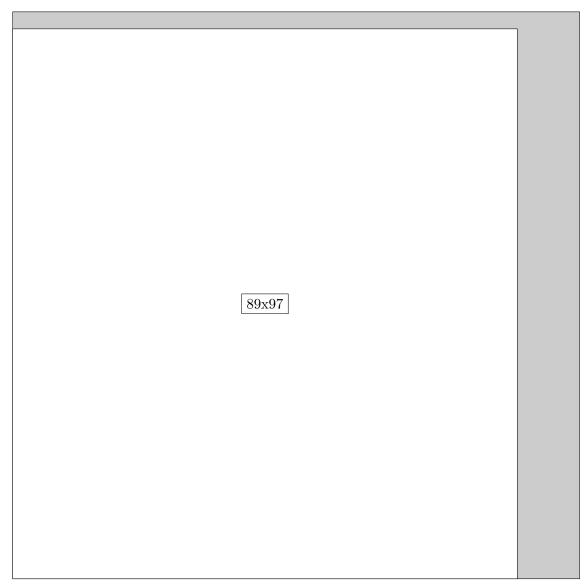
w = 93, h = 98, x = 0, y = 0, v = 9114



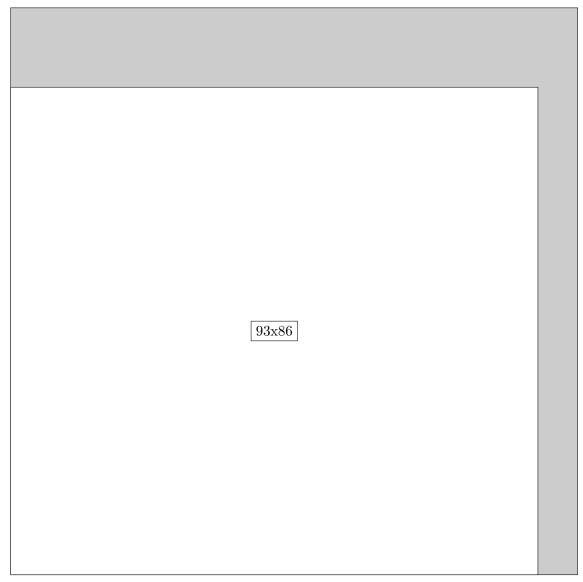
 $\le =96$  , h =94 , x =0 , y =0 , v =9024



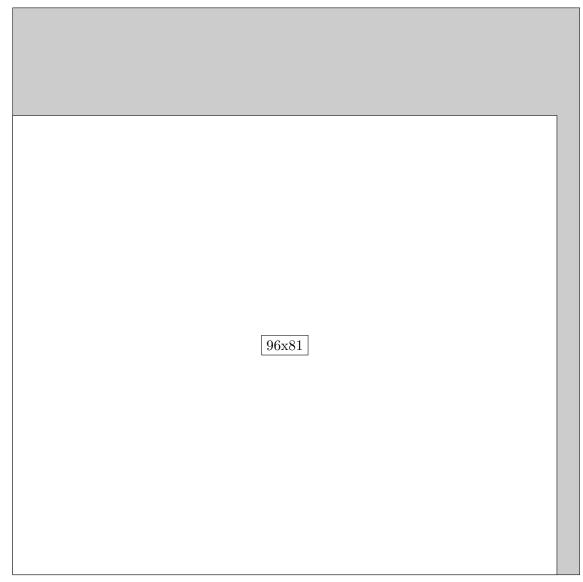
 $\le =92$  , h =96 , x =0 , y =0 , v =8832



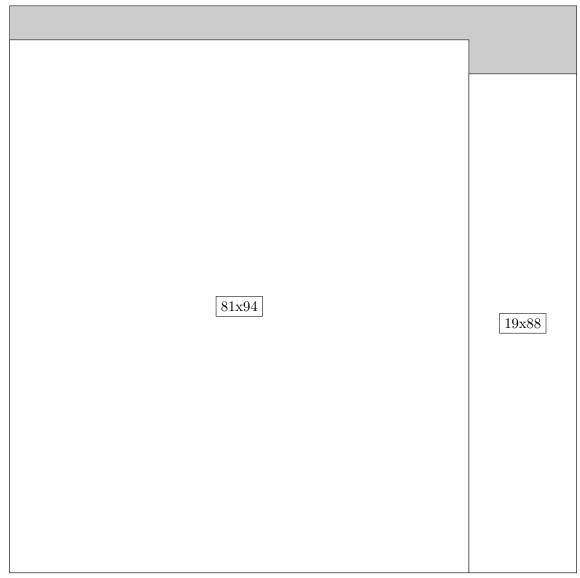
 $\le =89$  , h =97 , x =0 , y =0 , v =8633

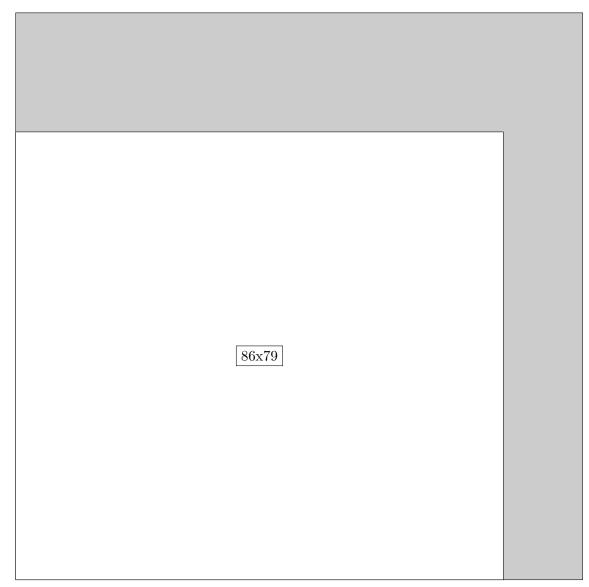


 $\overline{\rm w}$  =93 , h =86 , x =0 , y =0 , v =7998

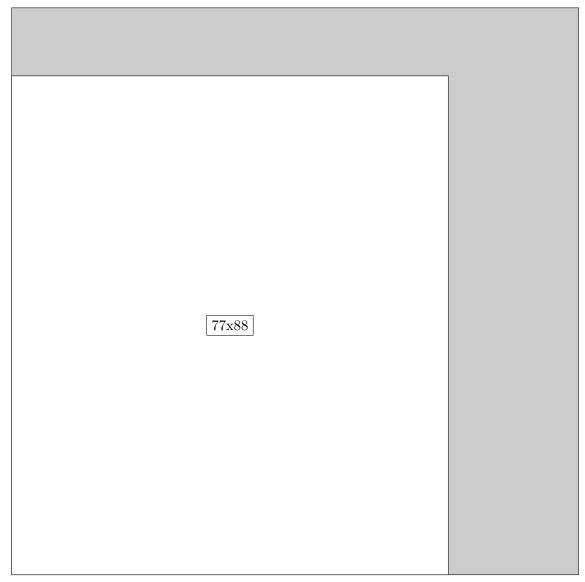


 $\le =96$  , h =81 , x =0 , y =0 , v =7776

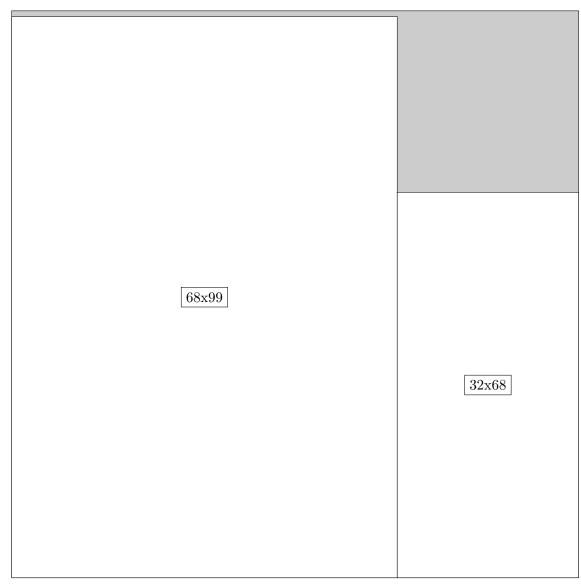




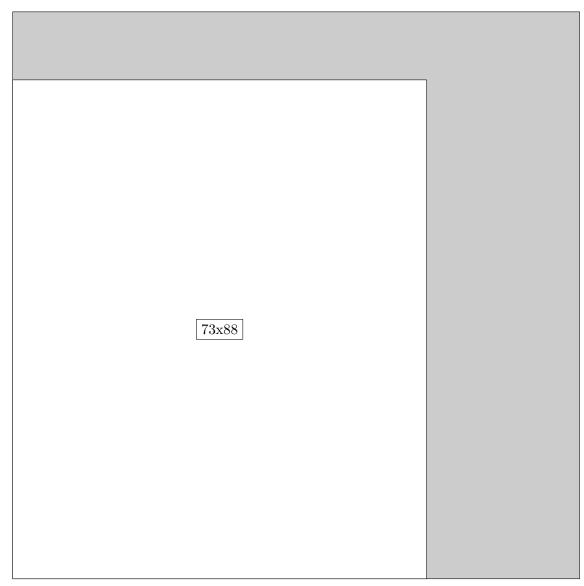
 $\le =86$  , h =79 , x =0 , y =0 , v =6794



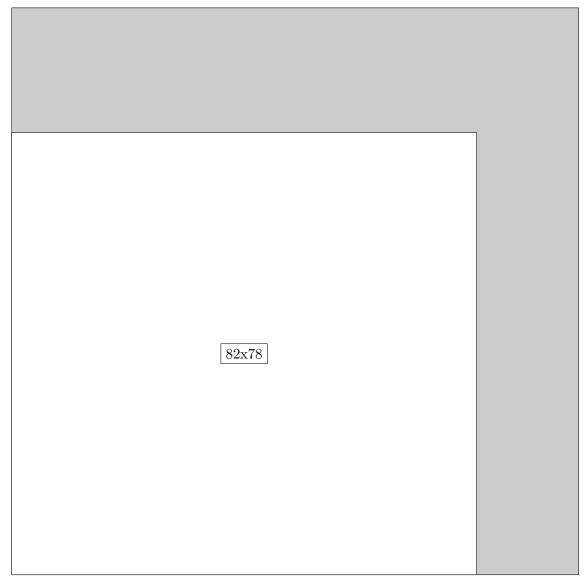
w = 77, h = 88, x = 0, y = 0, v = 6776



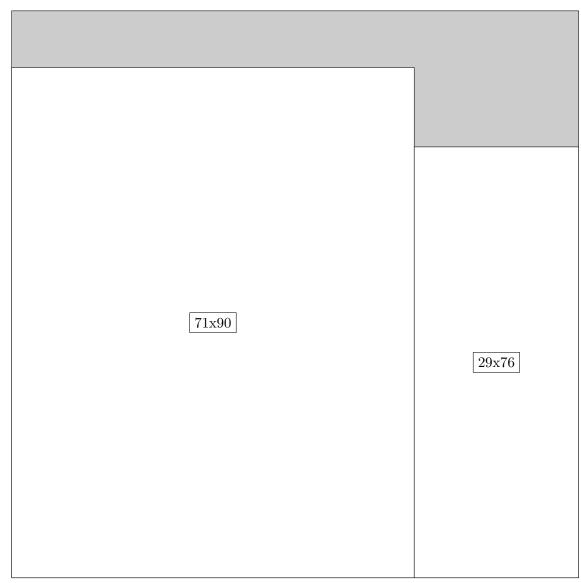
$$\begin{array}{c} w = 68 \; , \; h = 99 \; , \; x = 0 \; , \; y = 0 \; , \; v = 6732 \\ w = 32 \; , \; h = 68 \; , \; x = 68 \; , \; y = 0 \; , \; v = 2176 \\ \end{array}$$

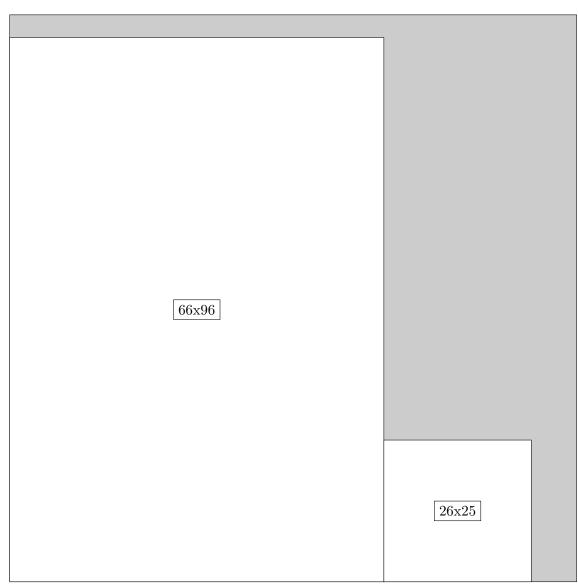


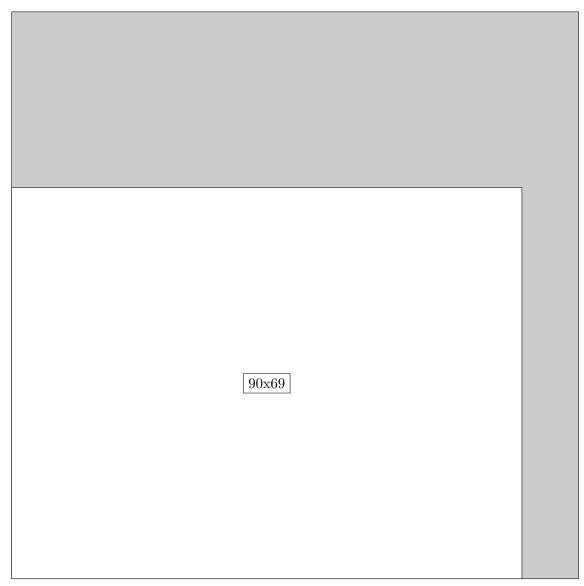
w = 73, h = 88, x = 0, y = 0, v = 6424



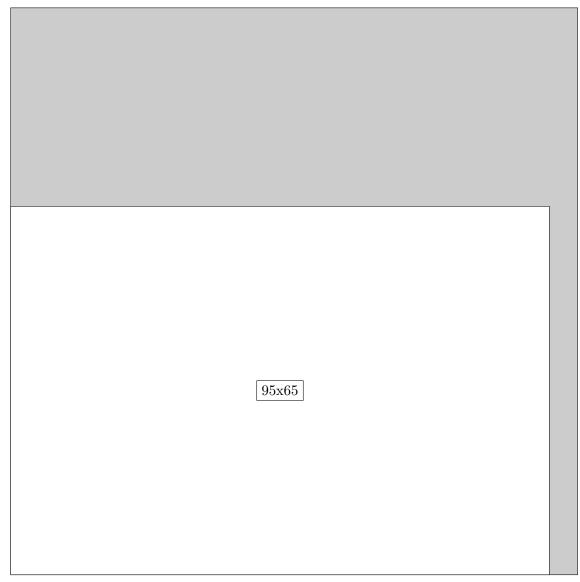
 $\le =82$  , h =78 , x =0 , y =0 , v =6396



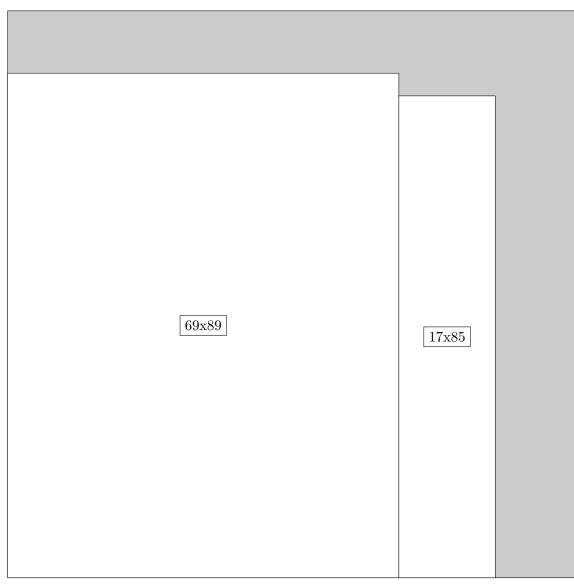




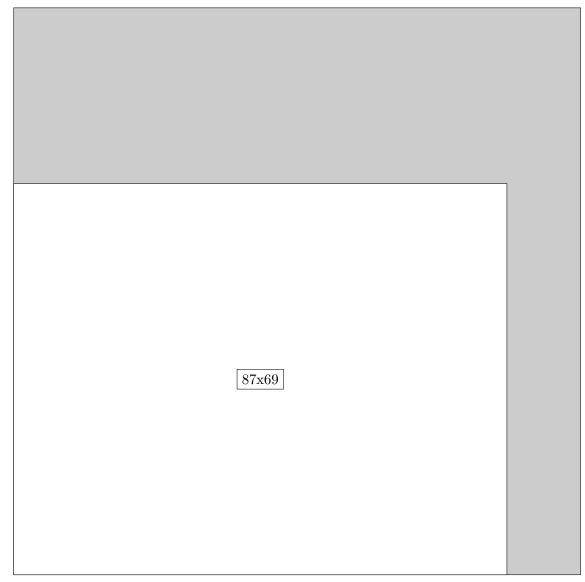
w = 90, h = 69, x = 0, y = 0, v = 6210



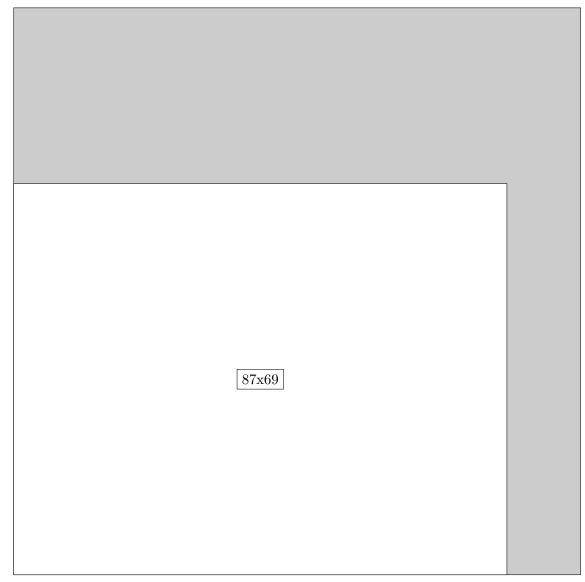
w = 95, h = 65, x = 0, y = 0, v = 6175



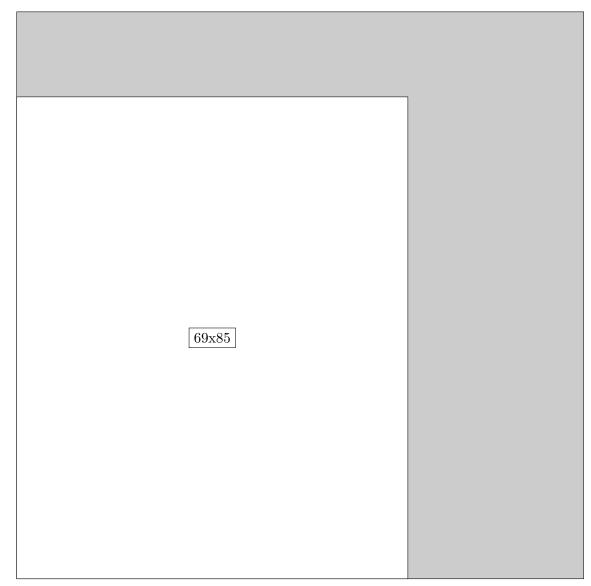
$$\begin{array}{c} w = 69 \; , \; h = 89 \; , \; x = 0 \; , \; y = 0 \; , \; v = 6141 \\ w = 17 \; , \; h = 85 \; , \; x = 69 \; , \; y = 0 \; , \; v = 1445 \\ \end{array}$$



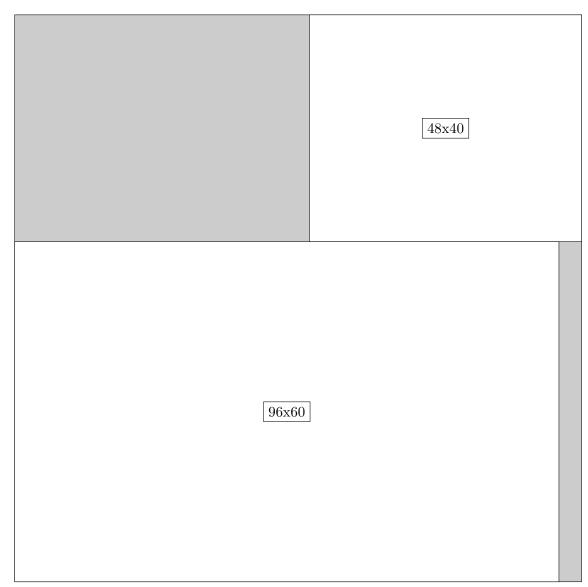
w = 87, h = 69, x = 0, y = 0, v = 6003



w = 87, h = 69, x = 0, y = 0, v = 6003

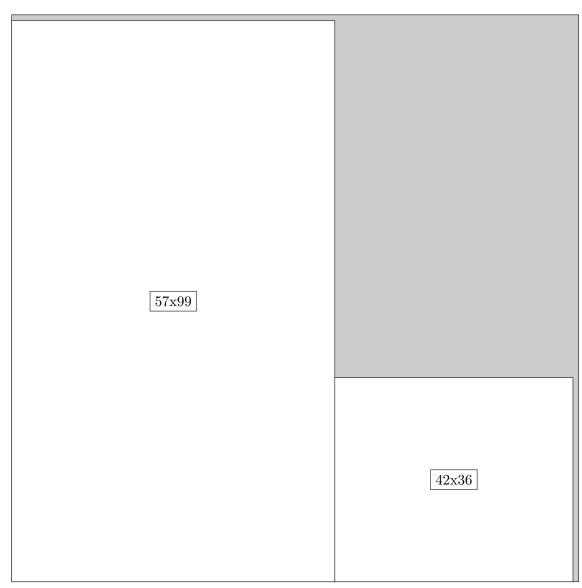


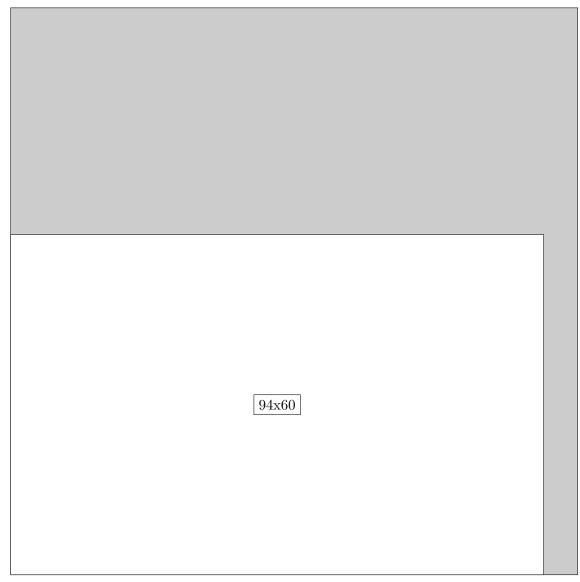
 $\overline{\mathbf{w}} = 69$ ,  $\mathbf{h} = 85$ ,  $\mathbf{x} = 0$ ,  $\mathbf{y} = 0$ ,  $\mathbf{v} = 5865$ 



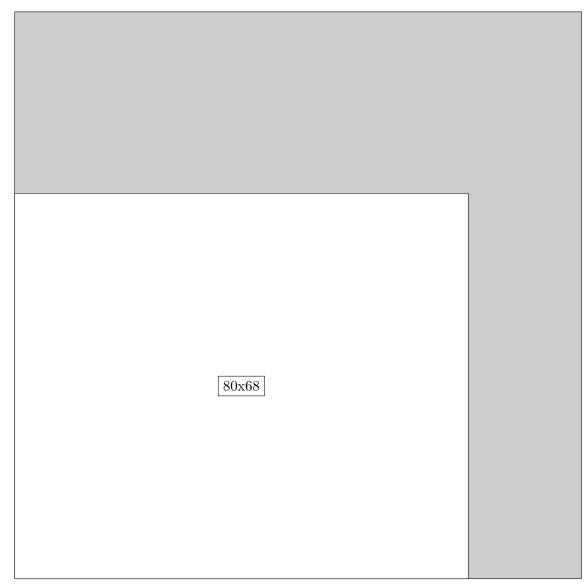


$$\begin{array}{c} w = 99 \ , \ h = 57 \ , \ x = 0 \ , \ y = 0 \ , \ v = 5643 \\ w = 68 \ , \ h = 29 \ , \ x = 0 \ , \ y = 57 \ , \ v = 1972 \end{array}$$

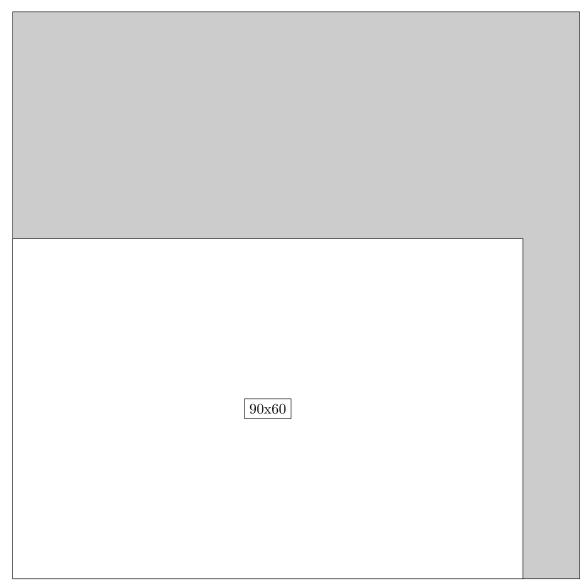




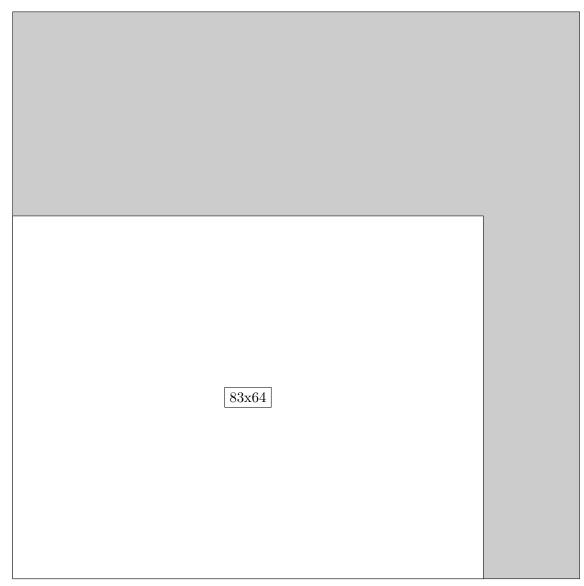
 $\overline{\rm w}$  =94 , h =60 , x =0 , y =0 , v =5640



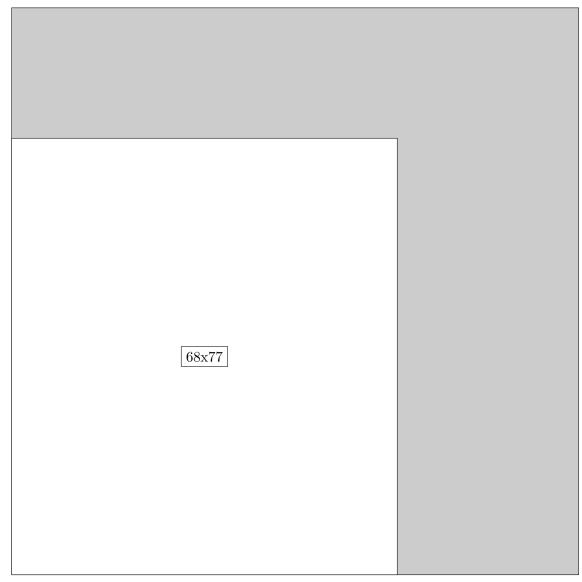
 $\overline{w} = 80$ , h = 68, x = 0, y = 0, v = 5440



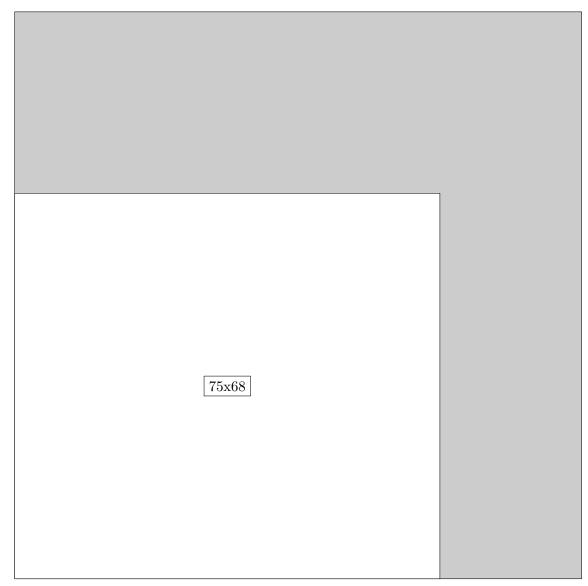
w = 90, h = 60, x = 0, y = 0, v = 5400



 $\le =83$  , h =64 , x =0 , y =0 , v =5312



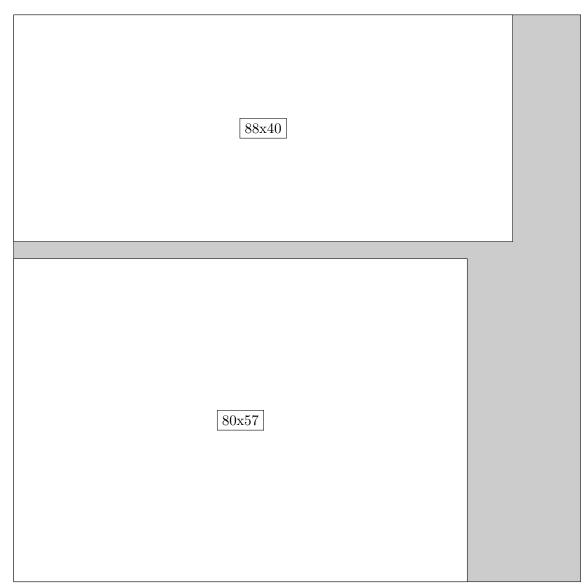
 $\le =68$  , h =77 , x =0 , y =0 , v =5236



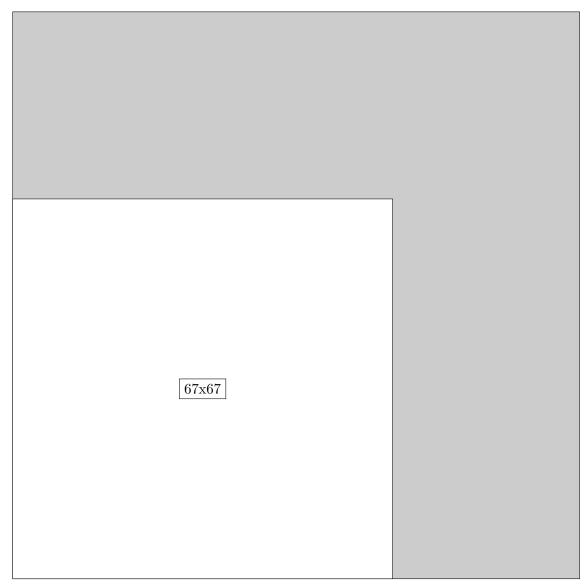
w = 75, h = 68, x = 0, y = 0, v = 5100



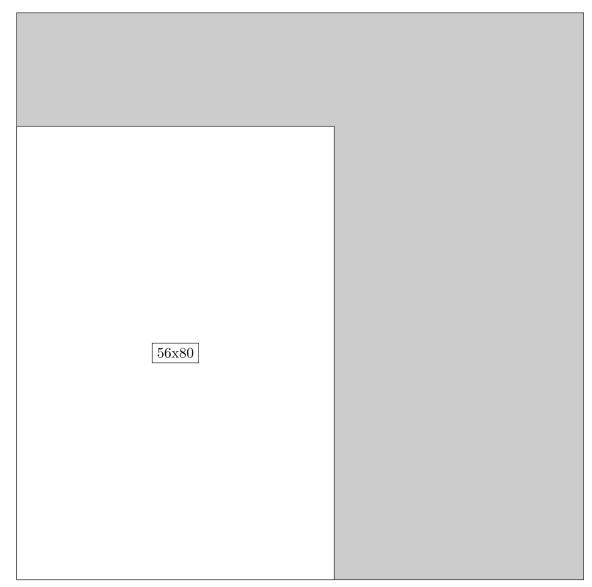
$$\begin{array}{l} w = \!\!82 \ , \ h = \!\!46 \ , \ x = \!\!0 \ , \ y = \!\!54 \ , \ v = \!\!3772 \\ w = \!\!87 \ , \ h = \!\!54 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!4698 \end{array}$$



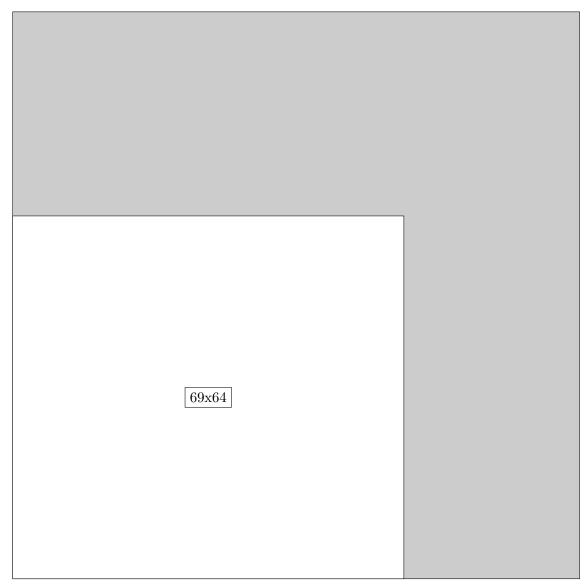
$$\begin{array}{c} w = \! 80 \; , \; h = \! 57 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4560 \\ w = \! 88 \; , \; h = \! 40 \; , \; x = \! 0 \; , \; y = \! 60 \; , \; v = \! 3520 \\ \end{array}$$



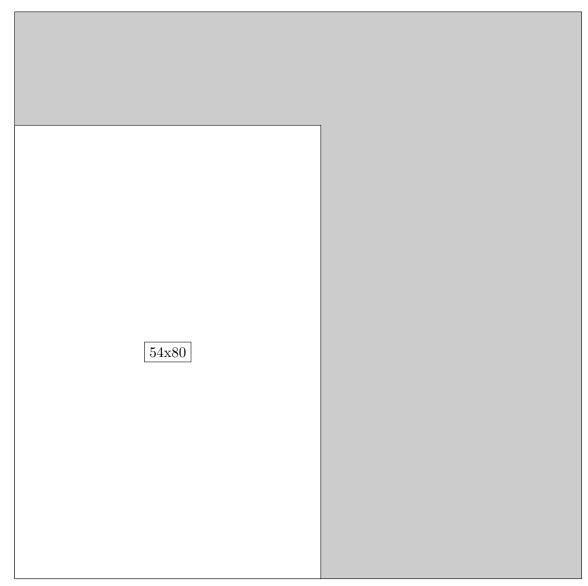
w = 67, h = 67, x = 0, y = 0, v = 4489



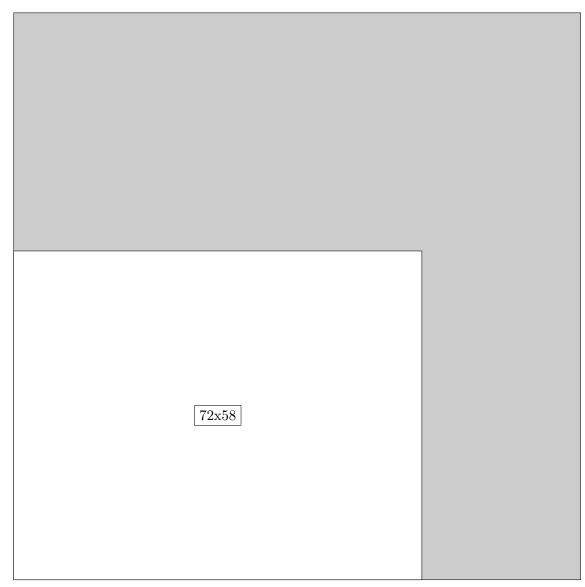
w = 56, h = 80, x = 0, y = 0, v = 4480



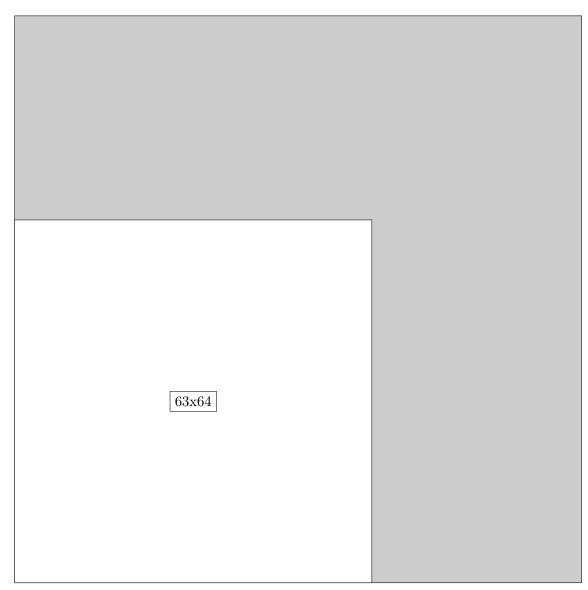
w = 69, h = 64, x = 0, y = 0, v = 4416



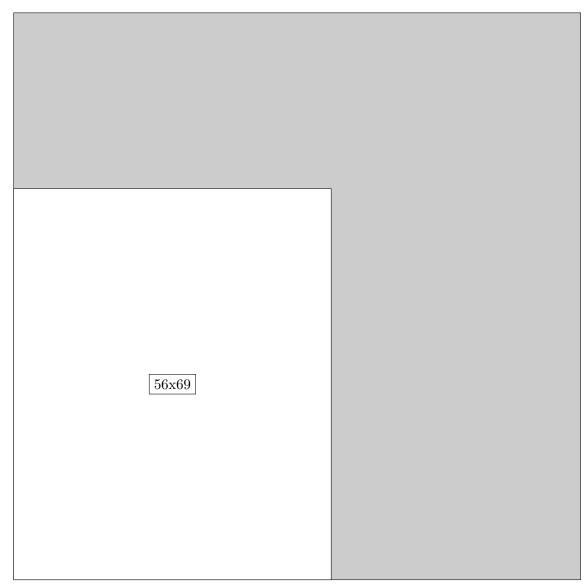
w = 54, h = 80, x = 0, y = 0, v = 4320



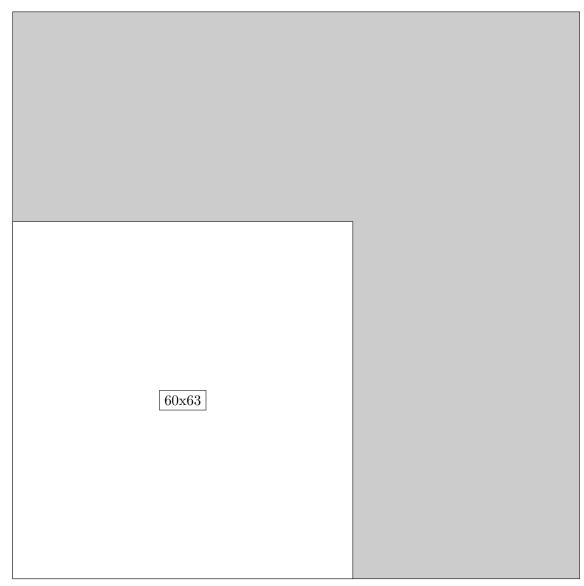
 $\mathbf{w}$  =72 , h =58 , x =0 , y =0 , v =4176



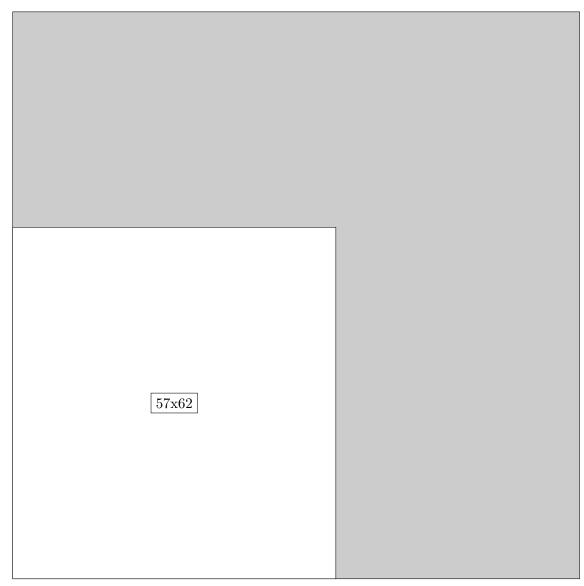
w = 63, h = 64, x = 0, y = 0, v = 4032



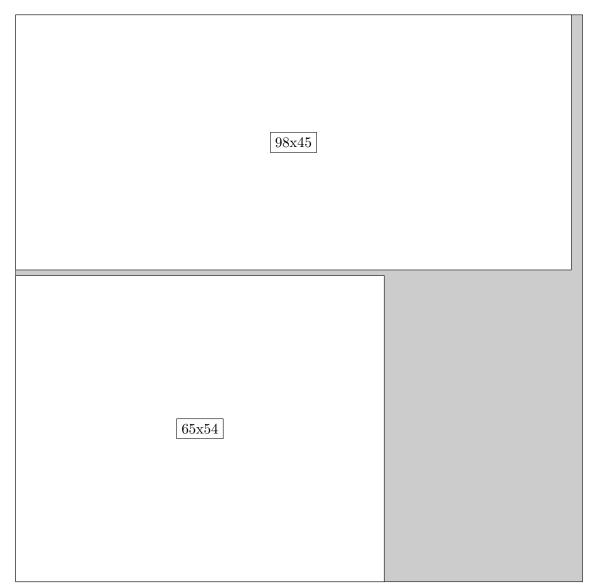
w = 56, h = 69, x = 0, y = 0, v = 3864



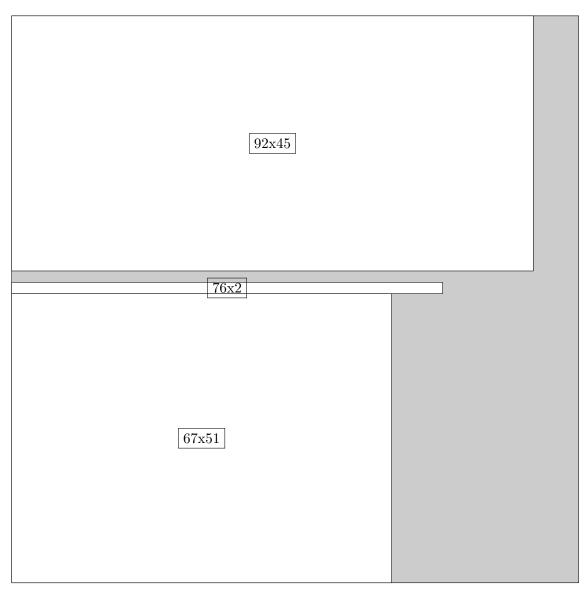
 $\overline{\mathbf{w}} = 60$ ,  $\mathbf{h} = 63$ ,  $\mathbf{x} = 0$ ,  $\mathbf{y} = 0$ ,  $\mathbf{v} = 3780$ 



 $\mathbf{w}$  =57 , h =62 , x =0 , y =0 , v =3534



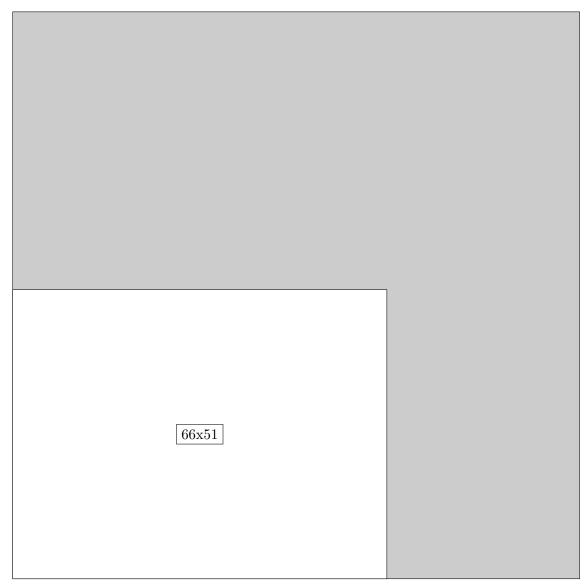
$$\begin{array}{l} w = \! 98 \ , \ h = \! 45 \ , \ x = \! 0 \ , \ y = \! 55 \ , \ v = \! 4410 \\ w = \! 65 \ , \ h = \! 54 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3510 \end{array}$$



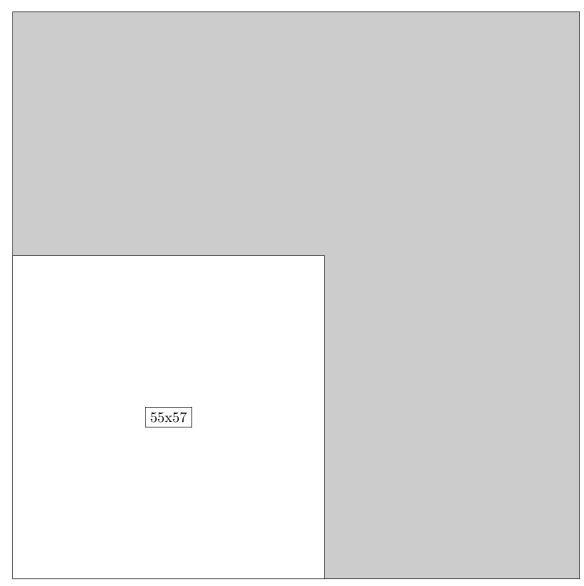
$$w = 92$$
,  $h = 45$ ,  $x = 0$ ,  $y = 55$ ,  $v = 4140$ 

$$\mathbf{w}$$
 =67 , h =51 , x =0 , y =0 , v =3417

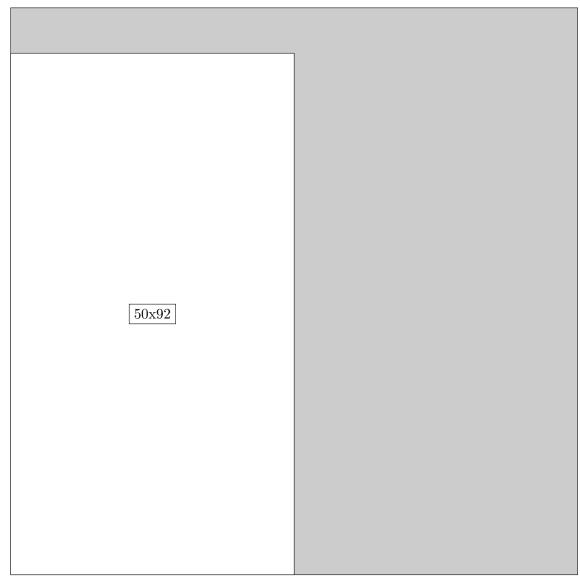
$$\le -76$$
 , h =2 , x =0 , y =51 , v =152



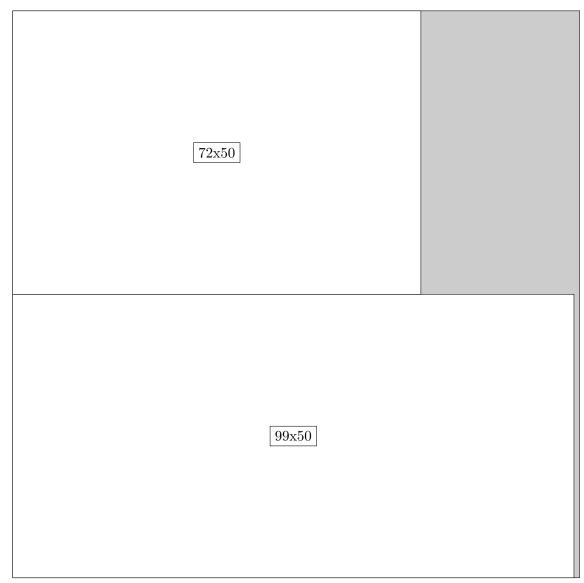
w = 66, h = 51, x = 0, y = 0, v = 3366



 $\overline{\mathrm{w}}$  =55 , h =57 , x =0 , y =0 , v =3135



 $\mathbf{w}$  =50 , h =92 , x =0 , y =0 , v =4600



$$\begin{array}{c} w = 99 \ , \ h = 50 \ , \ x = 0 \ , \ y = 0 \ , \ v = 4950 \\ w = 72 \ , \ h = 50 \ , \ x = 0 \ , \ y = 50 \ , \ v = 3600 \end{array}$$