$ClassName: \ Class_09.2bp-18$

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

TypeNum: <u>39</u> Num: <u>40</u> OutS: <u>210000</u> InS: <u>149025</u> Rate: <u>0.710</u> UB: <u>21</u>

UB: <u>21</u> LB0: <u>21</u> LB: <u>21</u>

LBWithCut: $\underline{\mathbf{21}}$ NodeCut: $\underline{\mathbf{0}}$

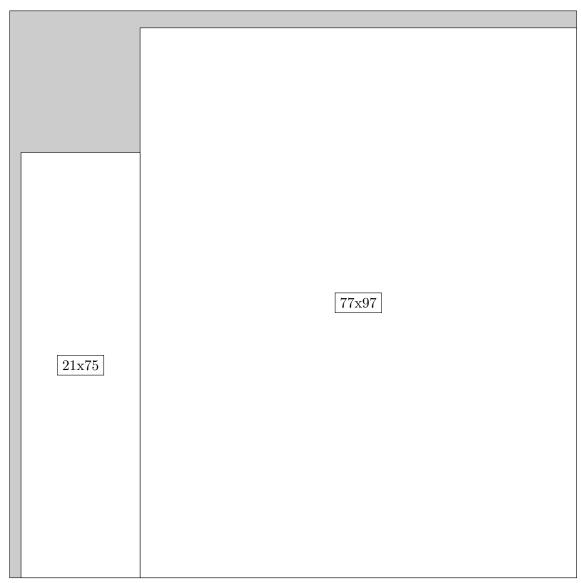
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{21}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

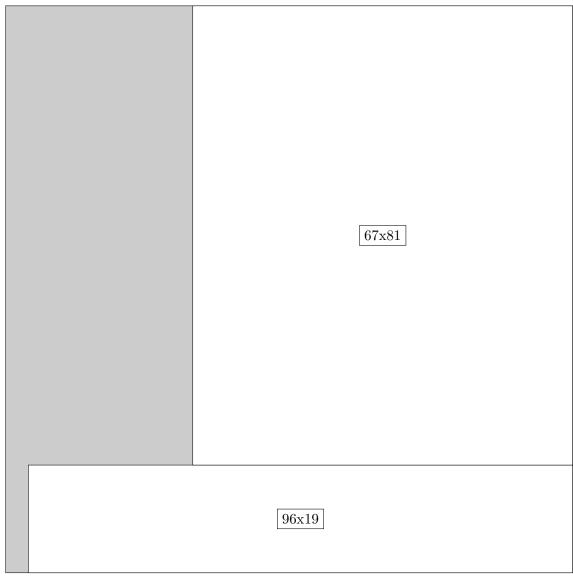
isOpt: $\underline{\mathbf{true}}$

TimeOnInitSolution: $\underline{600.000 \text{ s}}$

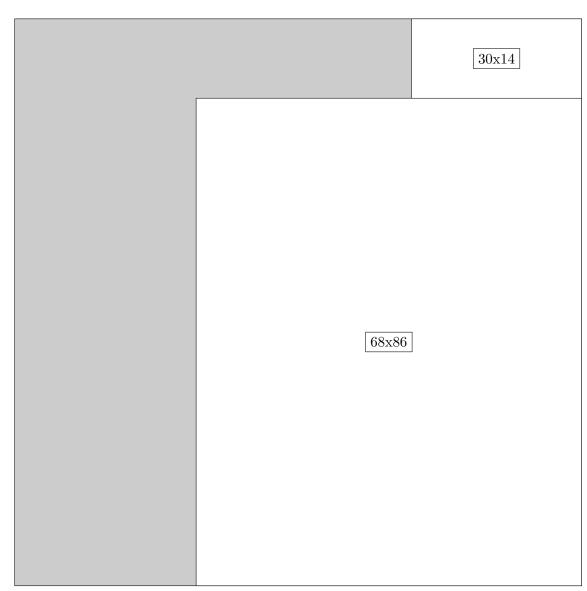
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 600.296 s



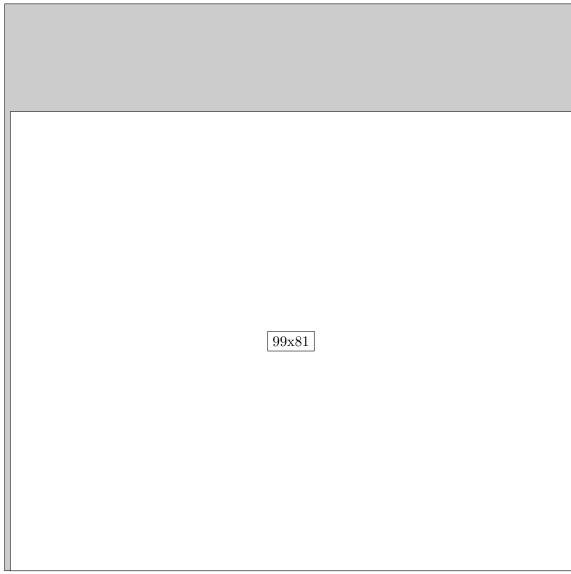
$$\begin{array}{l} w = \!\!\! 77 \ , \ h = \!\!\! 97 \ , \ x = \!\!\! 23 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 7469 \\ w = \!\!\! 21 \ , \ h = \!\!\! 75 \ , \ x = \!\!\! 2 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 1575 \end{array}$$



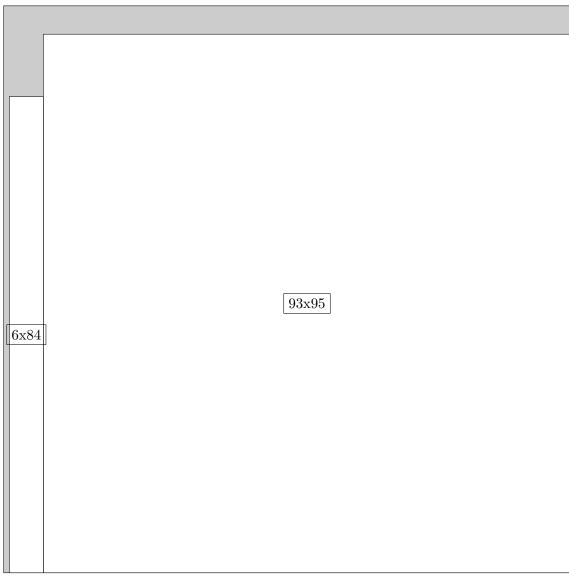
$$\begin{array}{l} w = \! 96 \; , \; h = \! 19 \; , \; x = \! 4 \; , \; y = \! 0 \; , \; v = \! 1824 \\ w = \! 67 \; , \; h = \! 81 \; , \; x = \! 33 \; , \; y = \! 19 \; , \; v = \! 5427 \end{array}$$



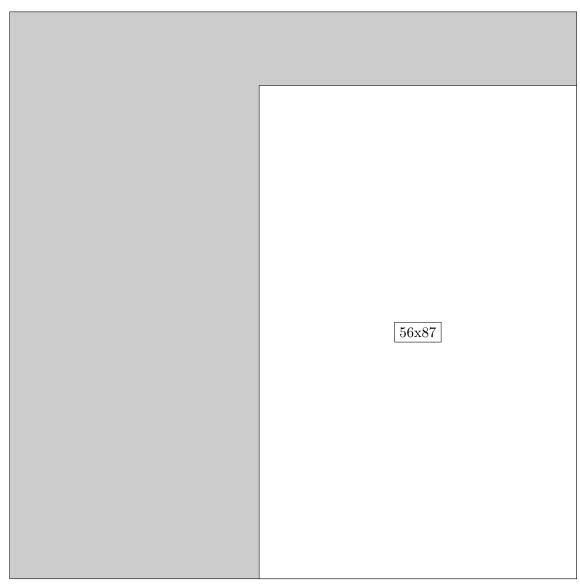
$$\begin{array}{l} w = \!68 \; , \; h = \!86 \; , \; x = \!32 \; , \; y = \!0 \; , \; v = \!5848 \\ w = \!30 \; , \; h = \!14 \; , \; x = \!70 \; , \; y = \!86 \; , \; v = \!420 \end{array}$$



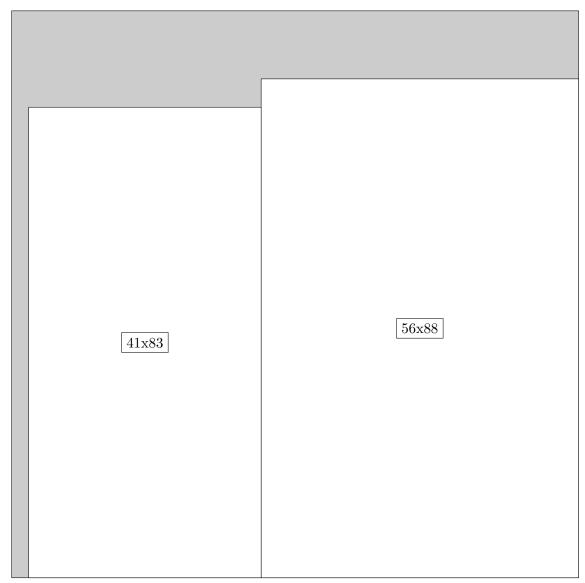
 $\le =99$, h =81 , x =1 , y =0 , v =8019



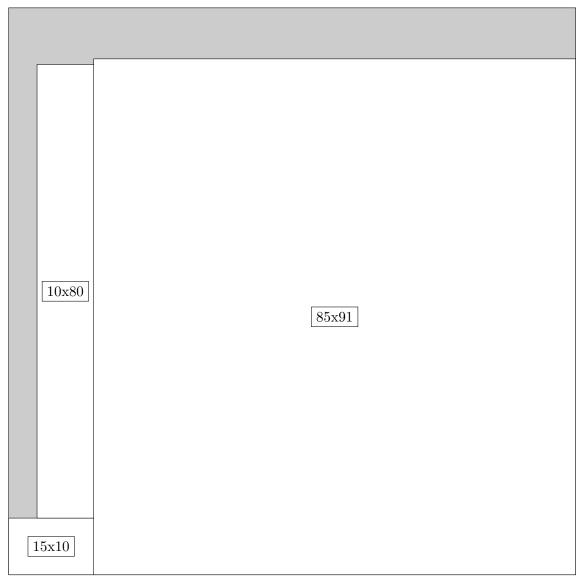
 $\begin{array}{l} w = \! 93 \; , \; h = \! 95 \; , \; x = \! 7 \; , \; y = \! 0 \; , \; v = \! 8835 \\ w = \! 6 \; , \; h = \! 84 \; , \; x = \! 1 \; , \; y = \! 0 \; , \; v = \! 504 \end{array}$



 $\le =56$, h =87 , x =44 , y =0 , v =4872



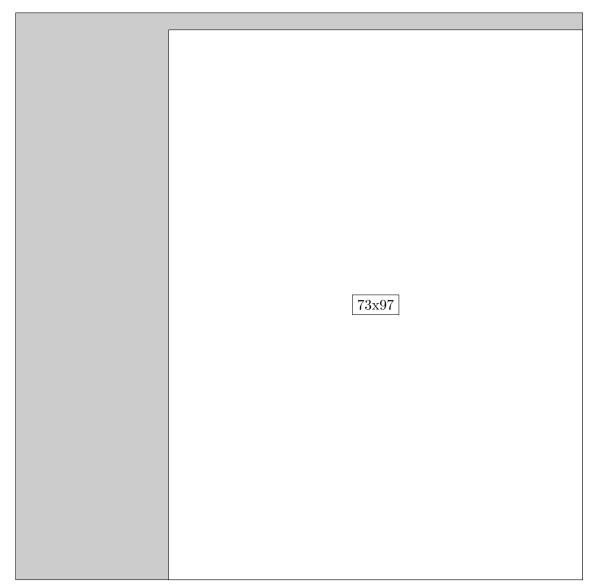
w = 56, h = 88, x = 44, y = 0, v = 4928 w = 41, h = 83, x = 3, y = 0, v = 3403



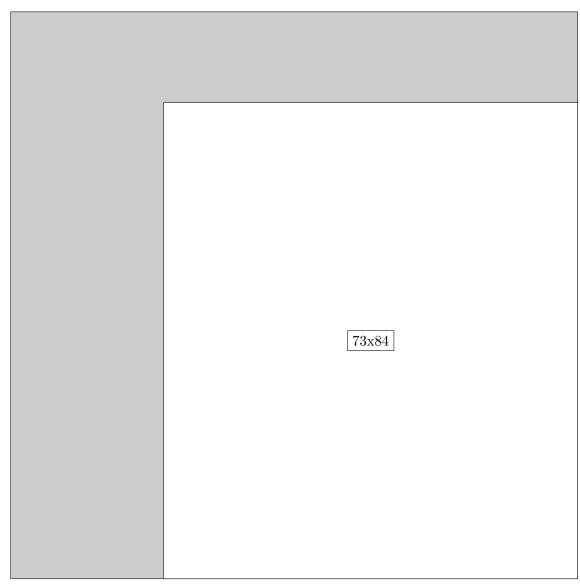
$$w$$
 =85 , h =91 , x =15 , y =0 , v =7735

$$\le =15$$
 , h =10 , x =0 , y =0 , v =150

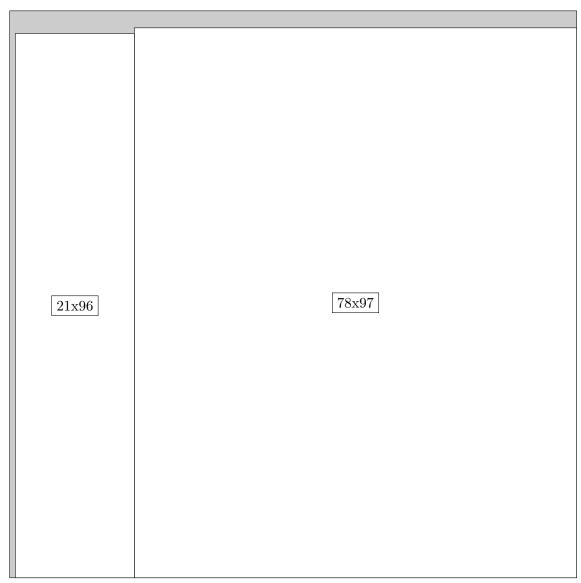
$$\le =10$$
 , h =80 , x =5 , y =10 , v =800

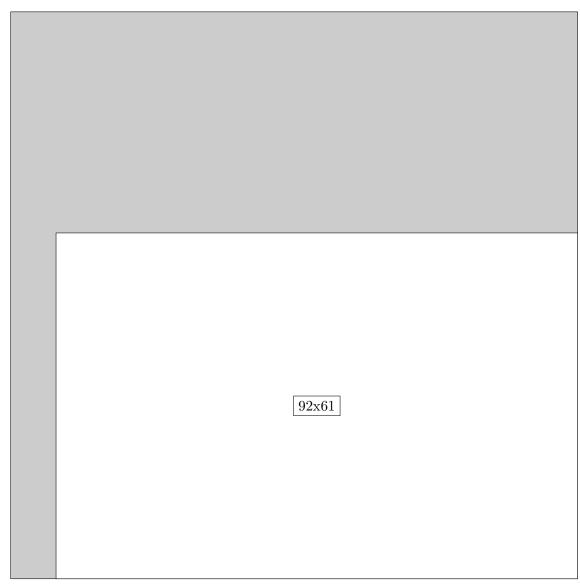


 $\le =73$, h =97 , x =27 , y =0 , v =7081

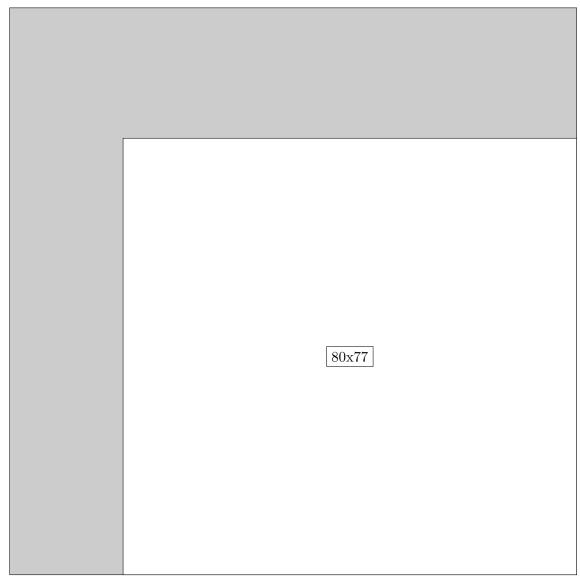


 $\le =73$, h =84 , x =27 , y =0 , v =6132

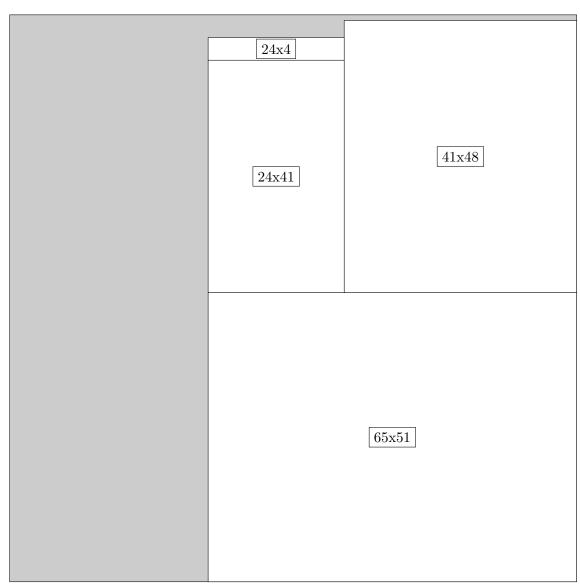




 ≤ -92 , h =61 , x =8 , y =0 , v = 5612



 $\le =80$, h =77 , x =20 , y =0 , v =6160

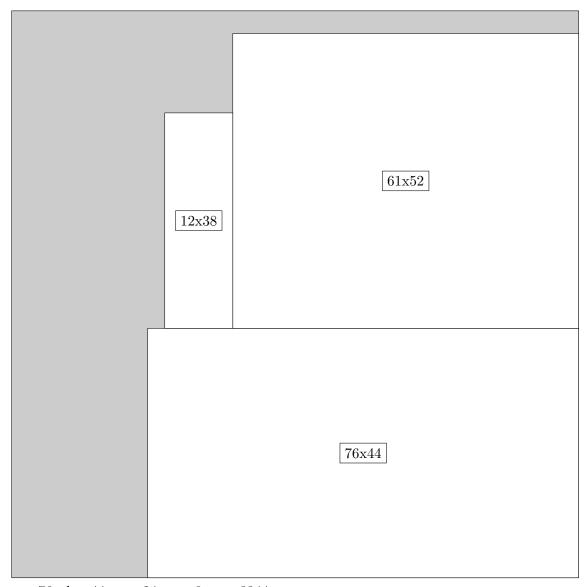


$$\le =65$$
 , h =51 , x =35 , y =0 , v =3315

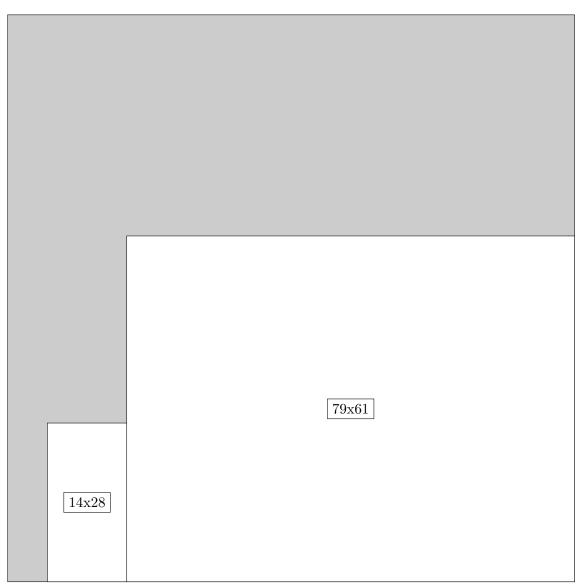
$$\le =41$$
 , $h=48$, $x=59$, $y=51$, $v=1968$

$$\le =24$$
 , h =41 , x =35 , y =51 , v =984

$$\le =24$$
 , h =4 , x =35 , y =92 , v =96



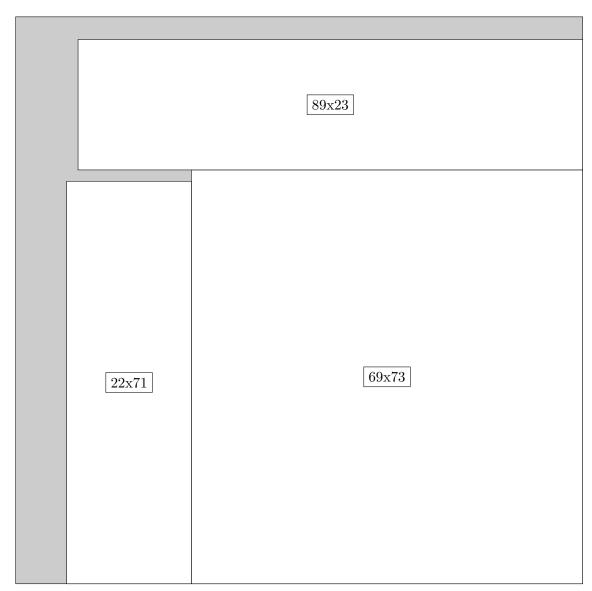
$$w$$
 =12 , h =38 , x =27 , y =44 , v =456



$$\begin{array}{l} w = 79 \ , \ h = 61 \ , \ x = 21 \ , \ y = 0 \ , \ v = 4819 \\ w = 14 \ , \ h = 28 \ , \ x = 7 \ , \ y = 0 \ , \ v = 392 \end{array}$$



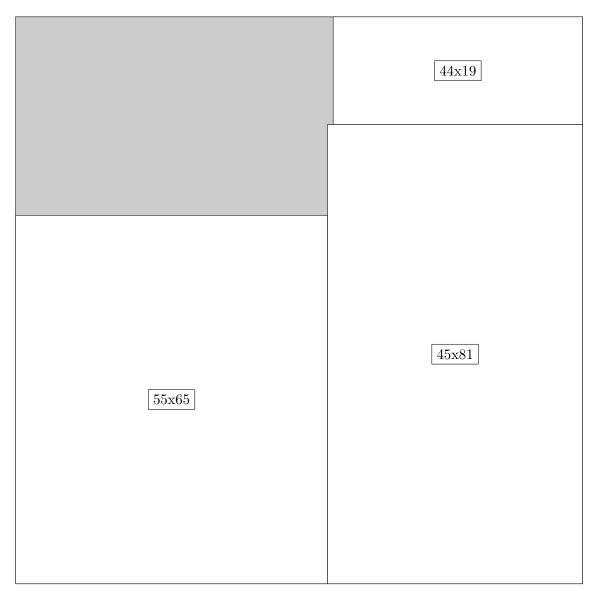
$$\begin{array}{l} w = 8 \;, \; h = \!\! 80 \;, \; x = \!\! 92 \;, \; y = \!\! 0 \;, \; v = \!\! 640 \\ w = \!\! 87 \;, \; h = \!\! 77 \;, \; x = \!\! 5 \;, \; y = \!\! 0 \;, \; v = \!\! 6699 \end{array}$$



$$\mathbf{w}$$
 =69 , h =73 , x =31 , y =0 , v =5037

$$\le =22$$
 , h =71 , x =9 , y =0 , v =1562

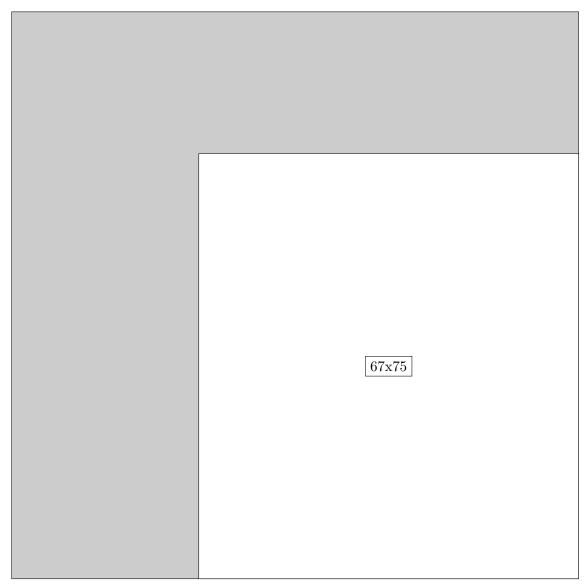
$$\le =89$$
 , h =23 , x =11 , y =73 , v =2047



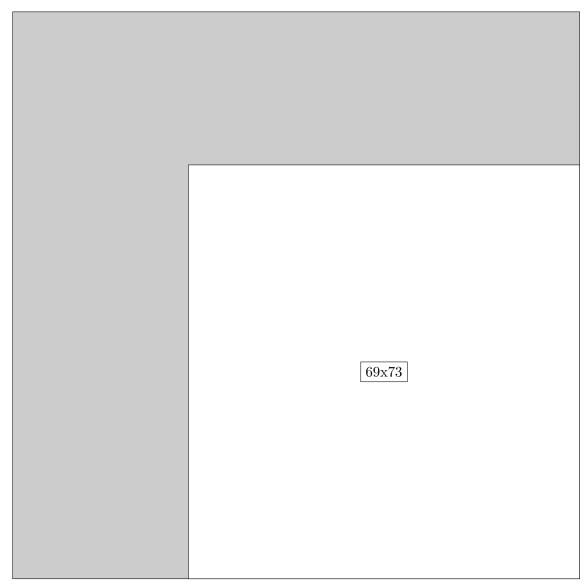
$$\mathbf{w}$$
 =45 , \mathbf{h} =81 , \mathbf{x} =55 , \mathbf{y} =0 , \mathbf{v} =3645

$$\le =44$$
 , h =19 , x =
56 , y =81 , v =
836

$$\le -55$$
 , h =65 , x =0 , y =0 , v =3575



 $\le =67$, h =75 , x =33 , y =0 , v =5025



 $\le =69$, h =73 , x =31 , y =0 , v =5037