$ClassName: \ Class_07.2bp-11$

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

TypeNum: <u>39</u>
Num: <u>40</u>
OutS: <u>120000</u>
InS: <u>103150</u>
Rate: <u>0.860</u>
UB: <u>12</u>
LB0: <u>12</u>
LB: **12**

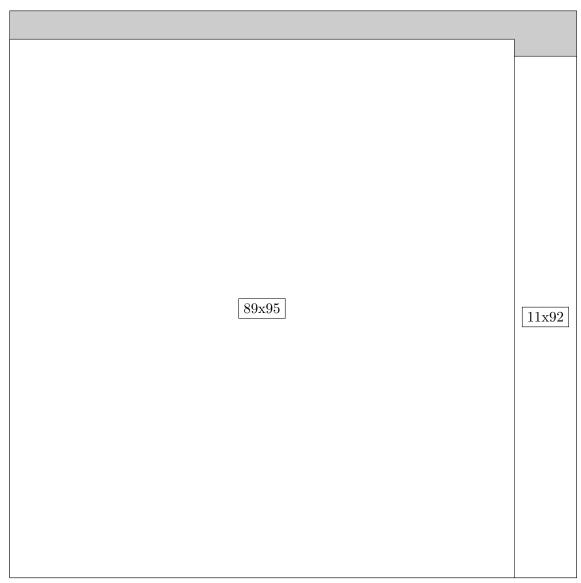
LBWithCut: $\underline{12}$ NodeCut: $\underline{0}$

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

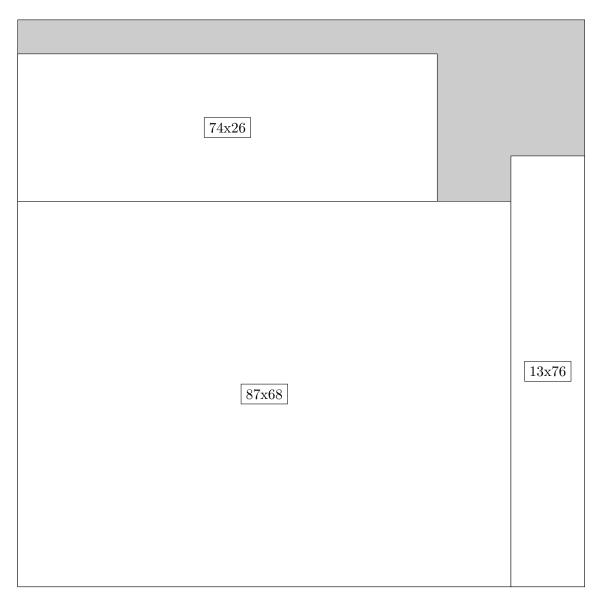
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{12}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

is Opt: $\underline{\mathbf{true}}$

TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{0.000 \text{ s}}$ TimeOnRmp: $\underline{0.063 \text{ s}}$ TotalTime: $\underline{0.125 \text{ s}}$



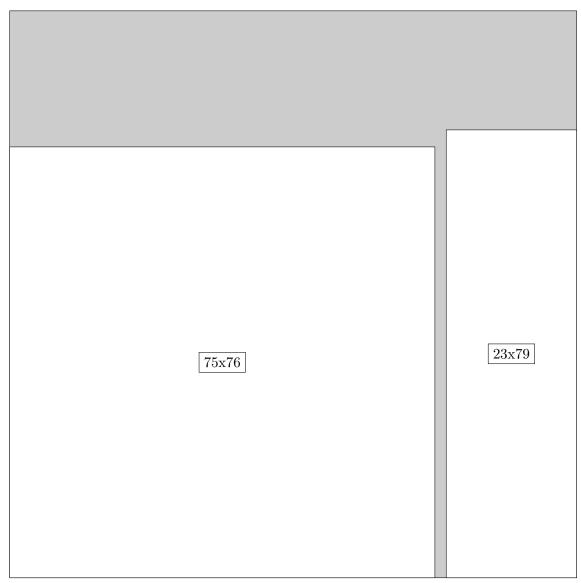
$$\begin{array}{c} w = 89 \; , \; h = 95 \; , \; x = 0 \; , \; y = 0 \; , \; v = 8455 \\ w = 11 \; , \; h = 92 \; , \; x = 89 \; , \; y = 0 \; , \; v = 1012 \\ \end{array}$$

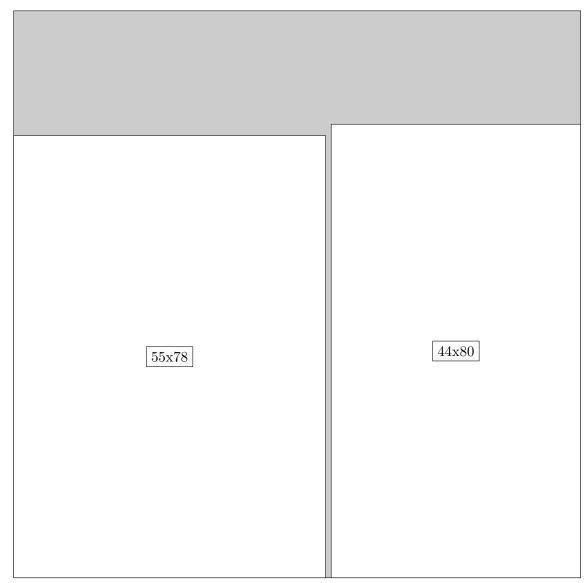


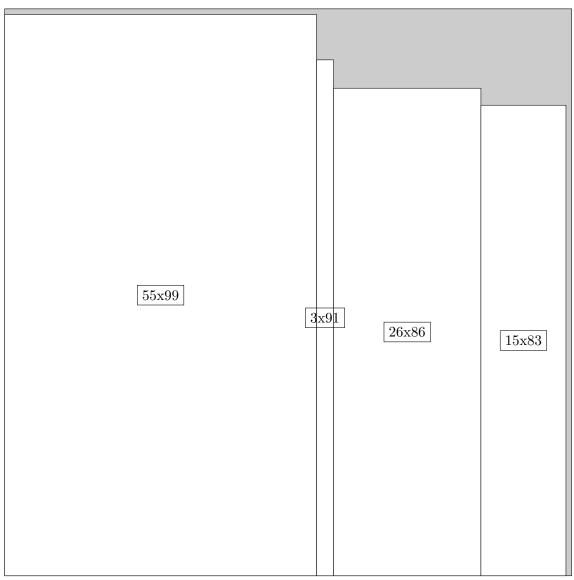
$$w = \! 87 \; , \; h = \! 68 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 5916$$

$$\le =74$$
 , h =26 , x =0 , y =68 , v =1924

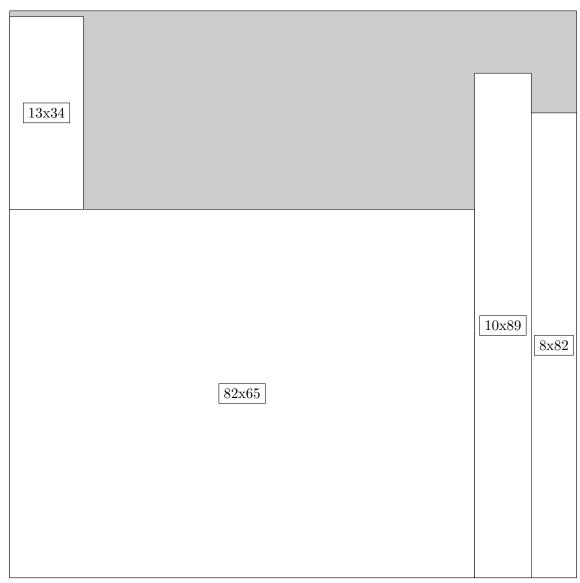
$$\le =13$$
 , h =76 , x =87 , y =0 , v =988



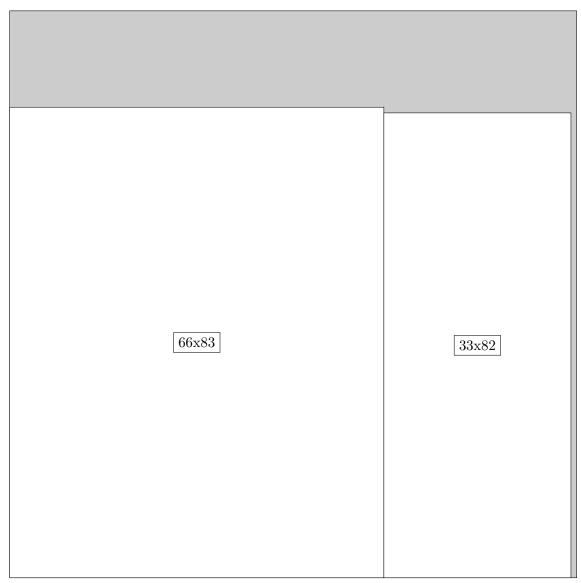




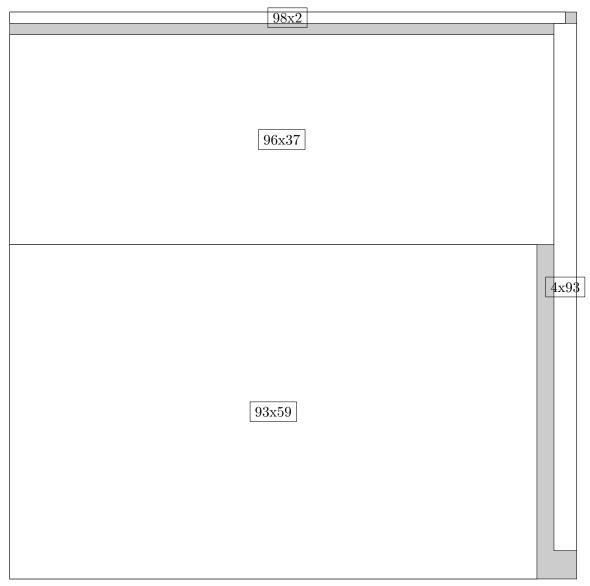
 $\begin{array}{l} w = \!55 \;,\; h = \!99 \;,\; x = \!0 \;,\; y = \!0 \;,\; v = \!5445 \\ w = \!26 \;,\; h = \!86 \;,\; x = \!58 \;,\; y = \!0 \;,\; v = \!2236 \\ w = \!3 \;,\; h = \!91 \;,\; x = \!55 \;,\; y = \!0 \;,\; v = \!273 \\ w = \!15 \;,\; h = \!83 \;,\; x = \!84 \;,\; y = \!0 \;,\; v = \!1245 \end{array}$



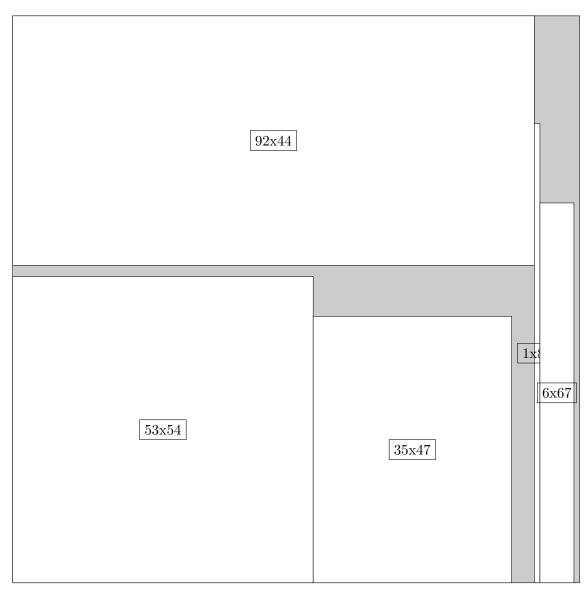
 $\begin{array}{l} w = \! 82 \; , \; h = \! 65 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 5330 \\ w = \! 10 \; , \; h = \! 89 \; , \; x = \! 82 \; , \; y = \! 0 \; , \; v = \! 890 \\ w = \! 8 \; , \; h = \! 82 \; , \; x = \! 92 \; , \; y = \! 0 \; , \; v = \! 656 \\ w = \! 13 \; , \; h = \! 34 \; , \; x = \! 0 \; , \; y = \! 65 \; , \; v = \! 442 \end{array}$



$$\begin{array}{c} w = \!\!\! 66 \; , \; h = \!\!\! 83 \; , \; x = \!\!\! 0 \; , \; y = \!\!\! 0 \; , \; v = \!\!\! 5478 \\ w = \!\!\! 33 \; , \; h = \!\!\! 82 \; , \; x = \!\!\! 66 \; , \; y = \!\!\! 0 \; , \; v = \!\!\! 2706 \\ \end{array}$$



$$\begin{array}{l} w = \! 93 \ , \ h = \! 59 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5487 \\ w = \! 96 \ , \ h = \! 37 \ , \ x = \! 0 \ , \ y = \! 59 \ , \ v = \! 3552 \\ w = \! 4 \ , \ h = \! 93 \ , \ x = \! 96 \ , \ y = \! 5 \ , \ v = \! 372 \\ w = \! 98 \ , \ h = \! 2 \ , \ x = \! 0 \ , \ y = \! 98 \ , \ v = \! 196 \end{array}$$



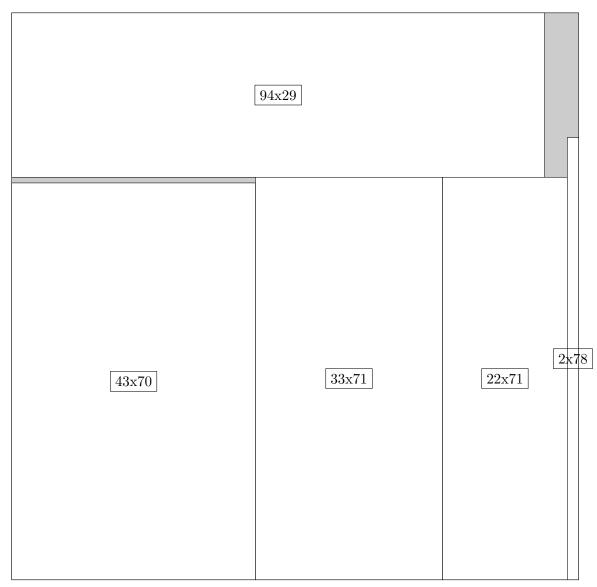
$$w = 92$$
, $h = 44$, $x = 0$, $y = 56$, $v = 4048$

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

$$\le =35$$
 , h =47 , x =53 , y =0 , v =1645

$$\mathbf{w}$$
 =1 , h =81 , x =92 , y =0 , v =81

$$w = 6$$
, $h = 67$, $x = 93$, $y = 0$, $v = 402$



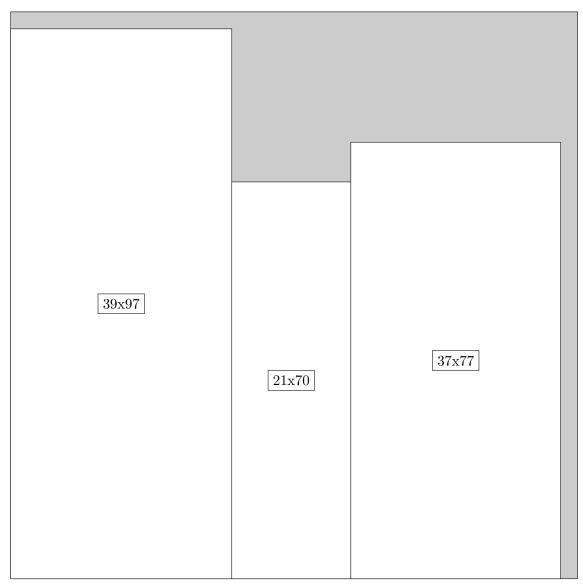
$$\mathbf{w}$$
 =43 , h =70 , x =0 , y =0 , v =3010

$$\le =94$$
 , h =29 , x =0 , y =71 , v =2726

$$\mathbf{w}=\!\!33$$
 , $\mathbf{h}=\!\!71$, $\mathbf{x}=\!\!43$, $\mathbf{y}=\!\!0$, $\mathbf{v}=\!\!2343$

$$w = 22$$
, $h = 71$, $x = 76$, $y = 0$, $v = 1562$

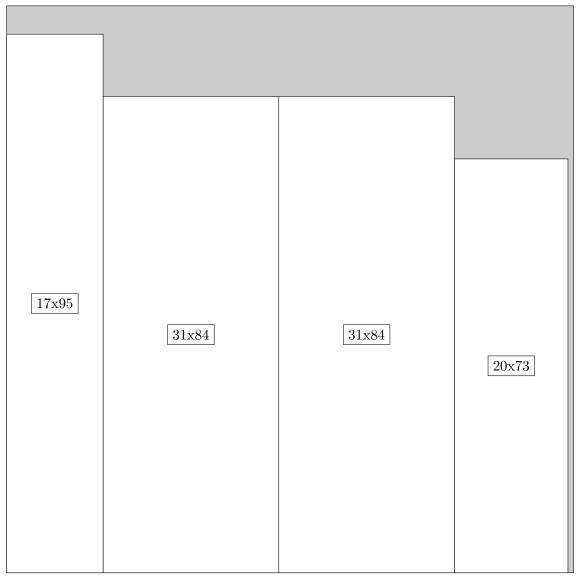
$$w=2$$
 , $h=\!78$, $x=\!98$, $y=\!0$, $v=\!156$



$$w = 39$$
, $h = 97$, $x = 0$, $y = 0$, $v = 3783$

$$\le =21$$
 , h =70 , x =39 , y =0 , v =1470

$$\le =37$$
 , h =77 , x =60 , y =0 , v =2849



 $\begin{array}{l} w = & 31 \ , \ h = & 84 \ , \ x = & 17 \ , \ y = & 0 \ , \ v = & 2604 \\ w = & 31 \ , \ h = & 84 \ , \ x = & 48 \ , \ y = & 0 \ , \ v = & 2604 \\ w = & 17 \ , \ h = & 95 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 1615 \\ w = & 20 \ , \ h = & 73 \ , \ x = & 79 \ , \ y = & 0 \ , \ v = & 1460 \end{array}$