$ClassName: \ Class_07.2bp-19$

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

TypeNum: <u>39</u> Num: <u>40</u> OutS: <u>130000</u> InS: <u>102031</u> Rate: <u>0.785</u> UB: <u>13</u> LB0: <u>13</u>

LBWithCut: $\underline{\bf 13}$ NodeCut: $\underline{\bf 0}$

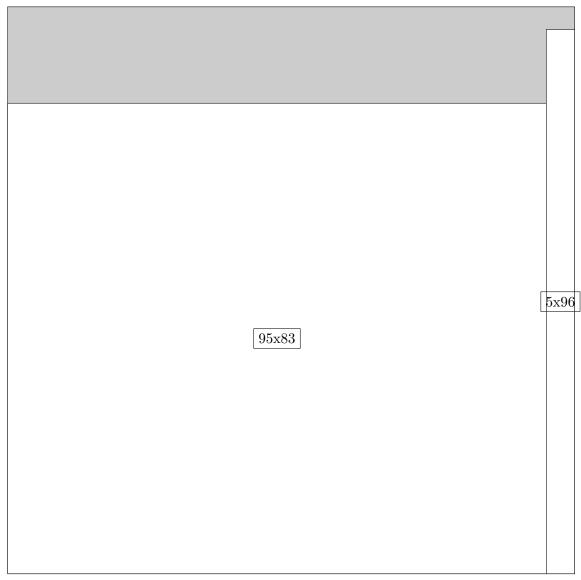
LB: **13**

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

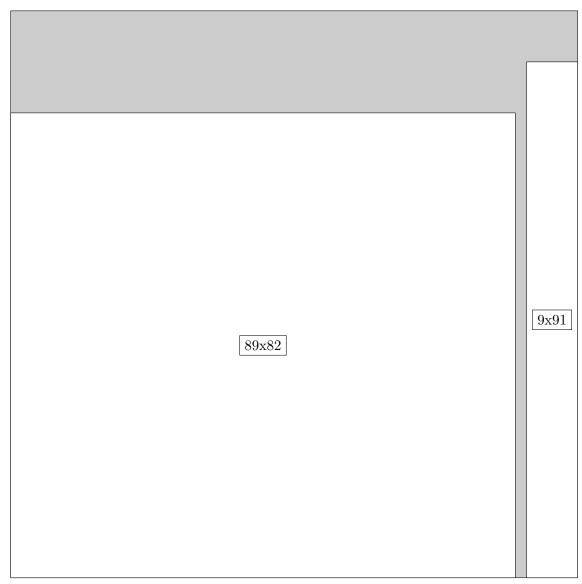
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{13}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

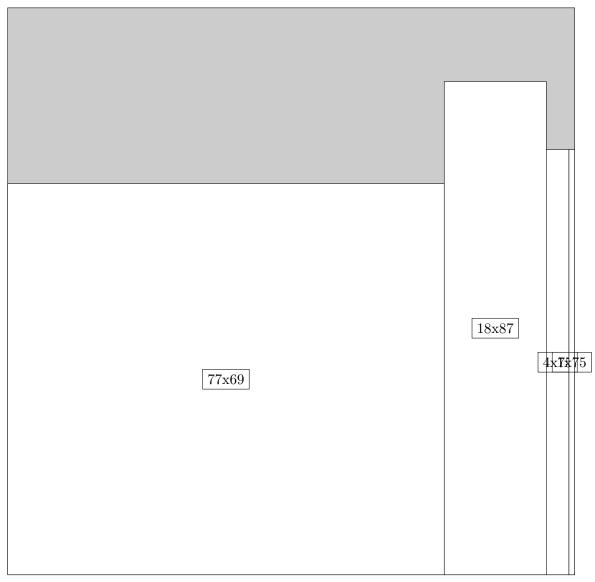
isOpt: $\underline{\mathbf{true}}$

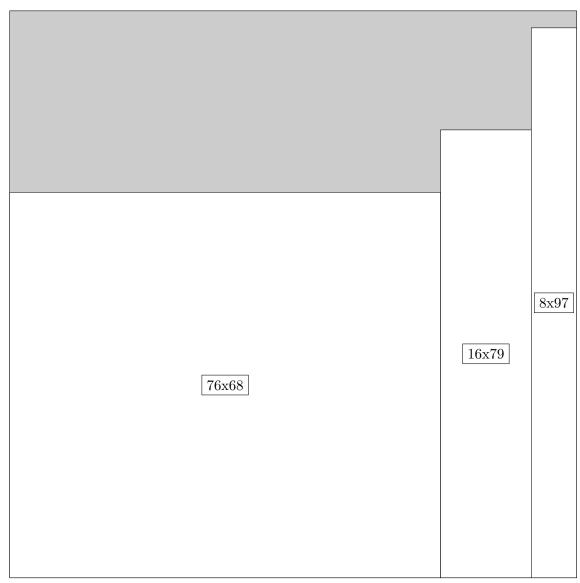
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.030 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.062 \ s} \\ {\rm TotalTime:} \ \underline{0.155 \ s} \end{array}$

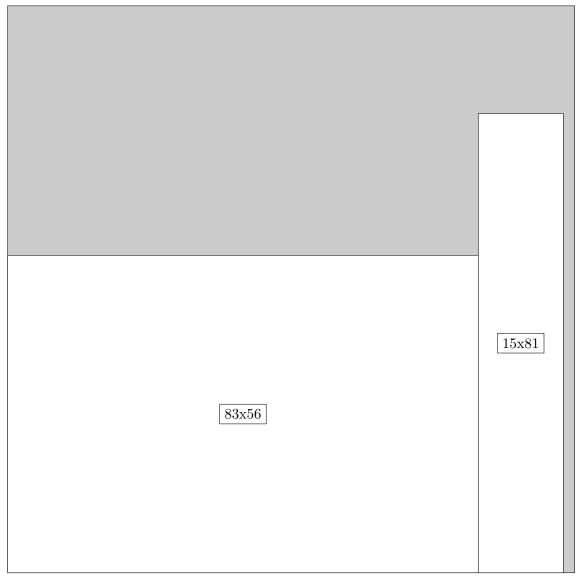


$$\begin{array}{l} w = \! 95 \ , \, h = \! 83 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 7885 \\ w = \! 5 \ , \, h = \! 96 \ , \, x = \! 95 \ , \, y = \! 0 \ , \, v = \! 480 \end{array}$$

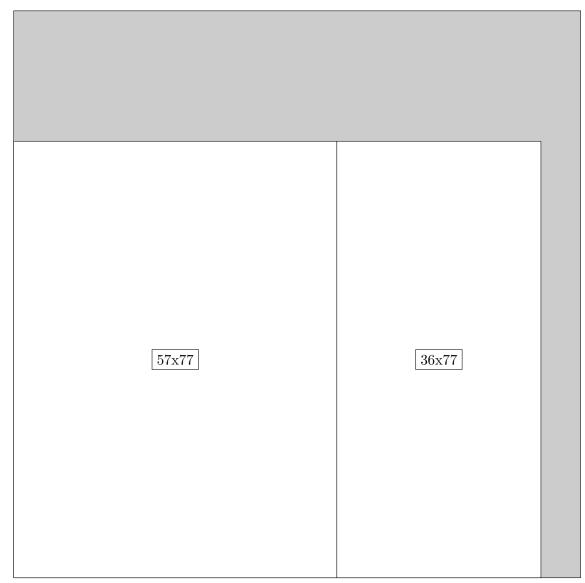




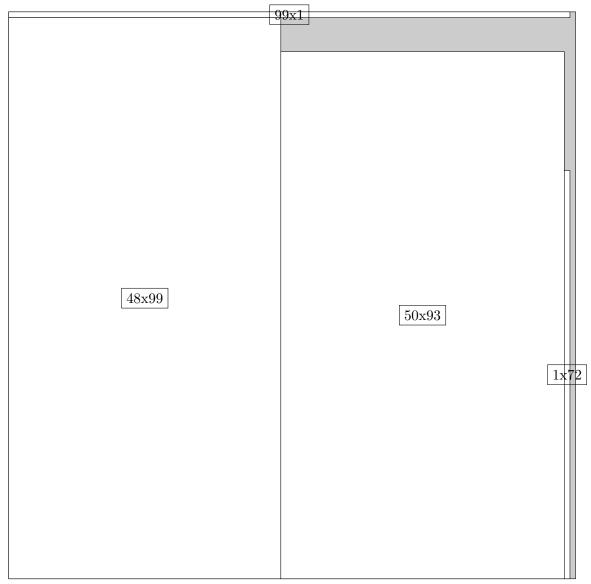




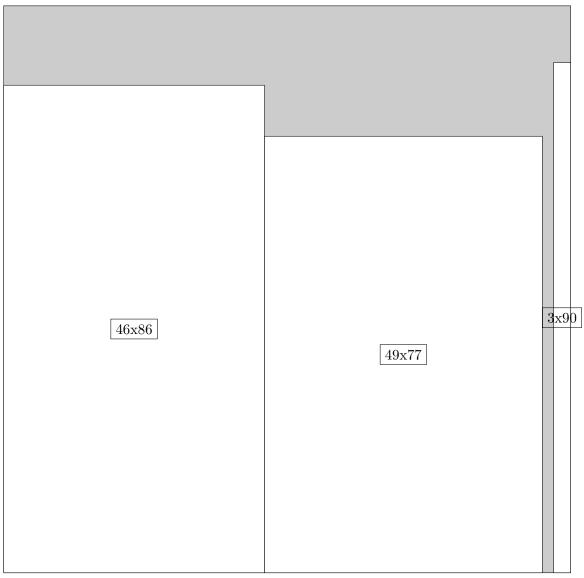
$$\begin{array}{c} w = \! 83 \; , \; h = \! 56 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4648 \\ w = \! 15 \; , \; h = \! 81 \; , \; x = \! 83 \; , \; y = \! 0 \; , \; v = \! 1215 \\ \end{array}$$



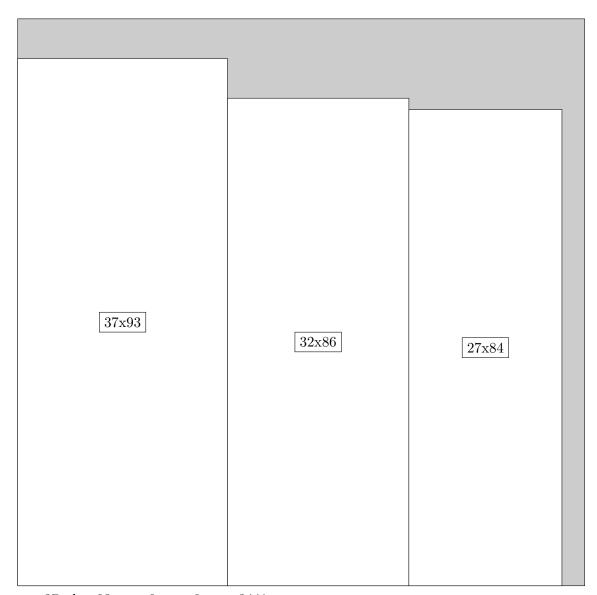
$$\begin{array}{c} w = \!\! 57 \; , \; h = \!\! 77 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 4389 \\ w = \!\! 36 \; , \; h = \!\! 77 \; , \; x = \!\! 57 \; , \; y = \!\! 0 \; , \; v = \!\! 2772 \end{array}$$



 $\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 99 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4752 \\ w = \!\! 50 \ , \ h = \!\! 93 \ , \ x = \!\! 48 \ , \ y = \!\! 0 \ , \ v = \!\! 4650 \\ w = \!\! 99 \ , \ h = \!\! 1 \ , \ x = \!\! 0 \ , \ y = \!\! 99 \ , \ v = \!\! 99 \\ w = \!\! 1 \ , \ h = \!\! 72 \ , \ x = \!\! 98 \ , \ y = \!\! 0 \ , \ v = \!\! 72 \end{array}$

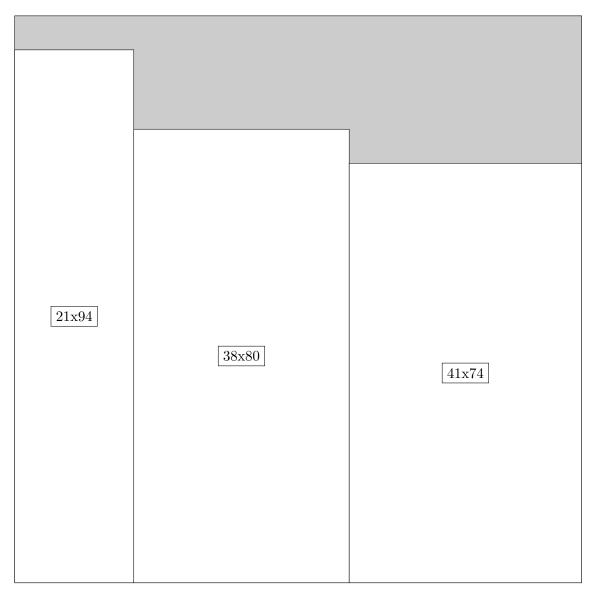


 $\begin{array}{l} w = \!\! 46 \ , \ h = \!\! 86 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3956 \\ w = \!\! 49 \ , \ h = \!\! 77 \ , \ x = \!\! 46 \ , \ y = \!\! 0 \ , \ v = \!\! 3773 \\ w = \!\! 3 \ , \ h = \!\! 90 \ , \ x = \!\! 97 \ , \ y = \!\! 0 \ , \ v = \!\! 270 \end{array}$



 $\begin{array}{l} w = \!\! 37 \ , \ h = \!\! 93 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3441 \\ w = \!\! 32 \ , \ h = \!\! 86 \ , \ x = \!\! 37 \ , \ y = \!\! 0 \ , \ v = \!\! 2752 \end{array}$

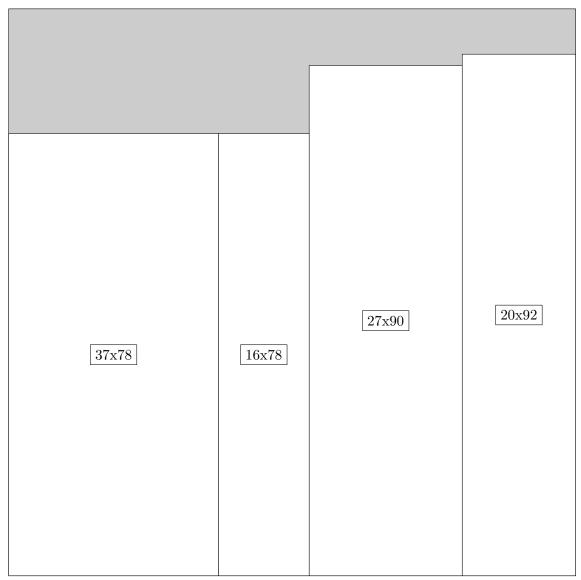
 $\le =27$, h =84 , x =69 , y =0 , v =2268



$$w = 38$$
, $h = 80$, $x = 21$, $y = 0$, $v = 3040$

$$\mathbf{w}$$
 =41 , h =74 , x =59 , y =0 , v =3034

$$\le =21$$
 , h =94 , x =0 , y =0 , v =1974

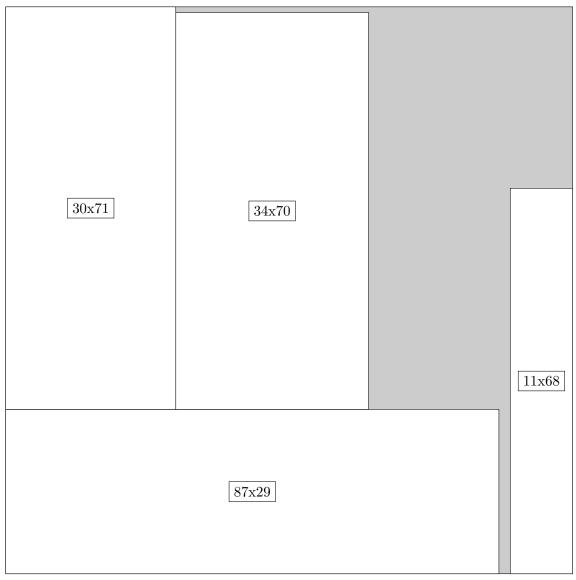


$$\le =37$$
 , h =78 , x =0 , y =0 , v =2886

$$\le =27$$
 , h =90 , x =53 , y =0 , v =2430

$$\le =20$$
 , h =92 , x =80 , y =0 , v =1840

$$\mathbf{w}$$
 =16 , h =78 , x =37 , y =0 , v =1248

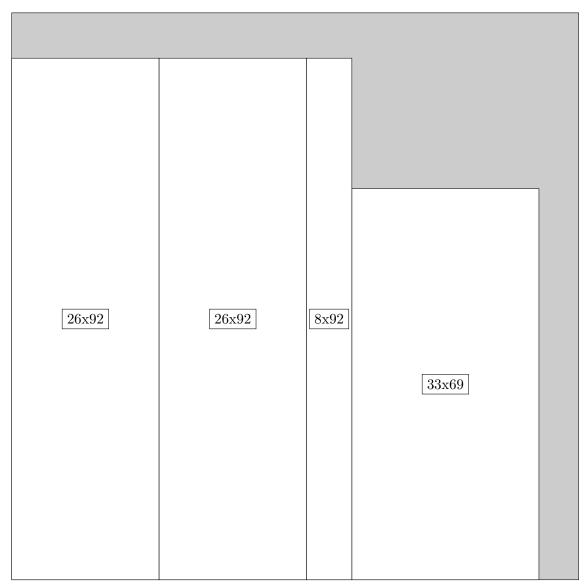


$$\le =87$$
 , h =29 , x =0 , y =0 , v =2523

$$\le =34$$
 , h =70 , x =30 , y =29 , v =2380

$$\le =30$$
 , h =71 , x =0 , y =29 , v =2130

$$\mathbf{w}$$
 =11 , h =68 , x =89 , y =0 , v =748



 $\begin{array}{l} w = 26 \ , \ h = 92 \ , \ x = 0 \ , \ y = 0 \ , \ v = 2392 \\ w = 26 \ , \ h = 92 \ , \ x = 26 \ , \ y = 0 \ , \ v = 2392 \\ w = 33 \ , \ h = 69 \ , \ x = 60 \ , \ y = 0 \ , \ v = 2277 \\ w = 8 \ , \ h = 92 \ , \ x = 52 \ , \ y = 0 \ , \ v = 736 \end{array}$