$ClassName: \ Class_08.2bp\text{-}15$

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>120000</u> InS: <u>94805</u> Rate: <u>0.790</u> UB: <u>12</u> LB0: <u>12</u>

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

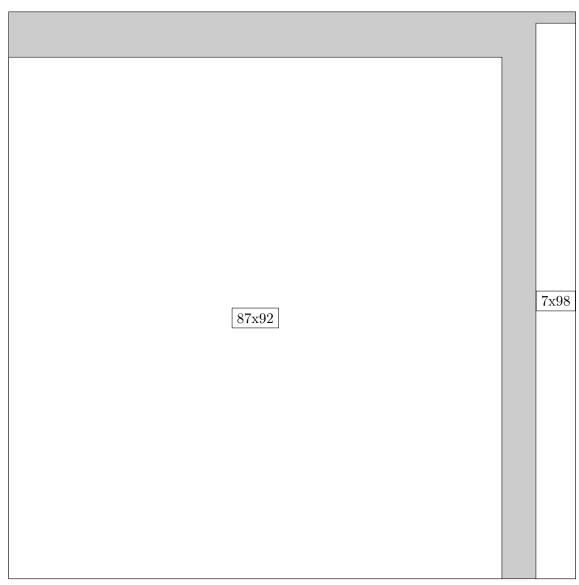
LB: **12**

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

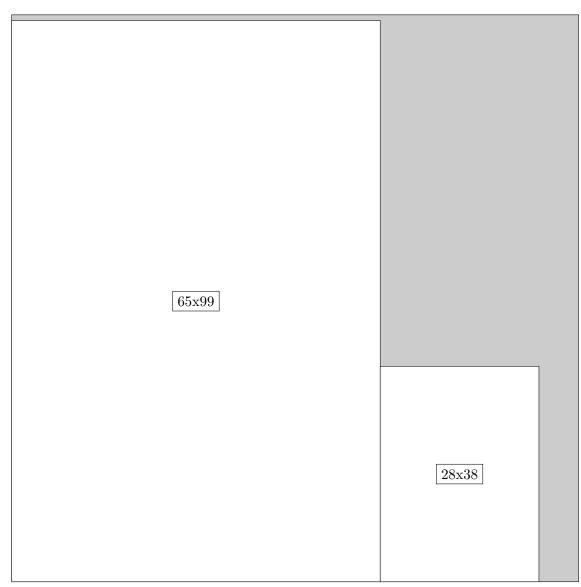
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{12}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

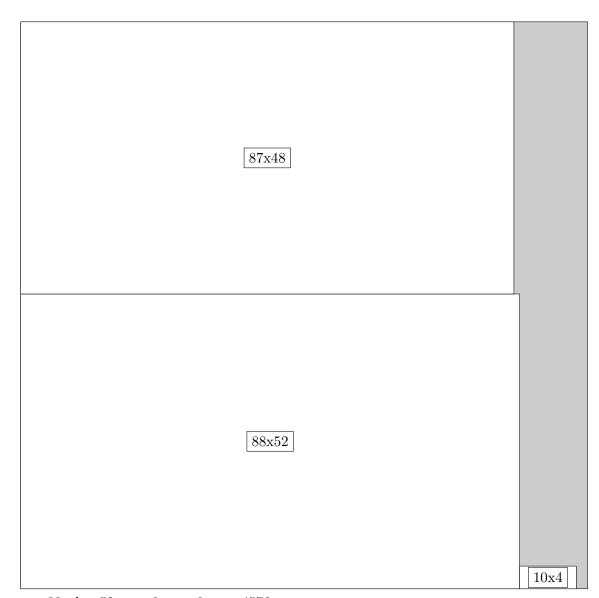
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.060 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.063 \ s} \\ {\rm TotalTime:} \ \underline{0.185 \ s} \\ \end{array}$



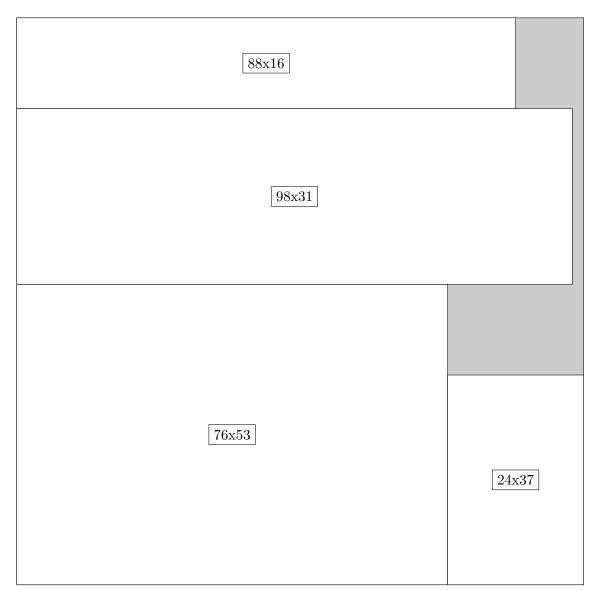
w =87, h =92, x =0, y =0, v =8004 w =7, h =98, x =93, y =0, v =686



$$\begin{array}{c} w = \!\! 65 \; , \; h = \!\! 99 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 6435 \\ w = \!\! 28 \; , \; h = \!\! 38 \; , \; x = \!\! 65 \; , \; y = \!\! 0 \; , \; v = \!\! 1064 \\ \end{array}$$



$$\begin{array}{l} w = \! 88 \ , \ h = \! 52 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4576 \\ w = \! 87 \ , \ h = \! 48 \ , \ x = \! 0 \ , \ y = \! 52 \ , \ v = \! 4176 \\ w = \! 10 \ , \ h = \! 4 \ , \ x = \! 88 \ , \ y = \! 0 \ , \ v = \! 40 \end{array}$$

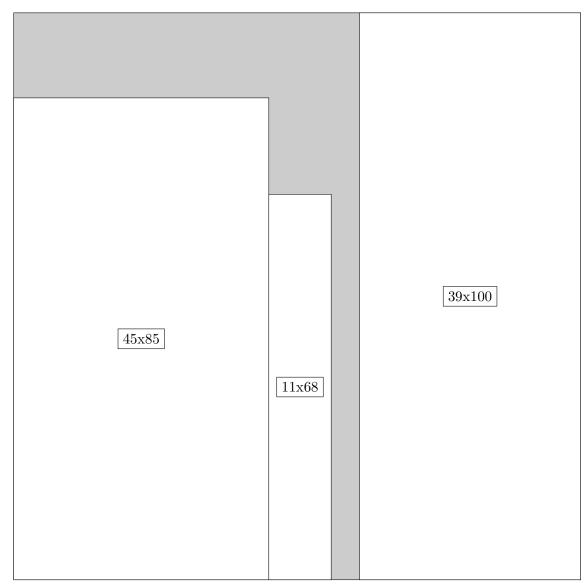


$$\le -76$$
 , h =
53 , x =0 , y =
0 , v =
4028

$$\le =98$$
 , h =31 , x =0 , y =53 , v =3038

$$\le =88$$
 , h =16 , x =0 , y =84 , v =1408

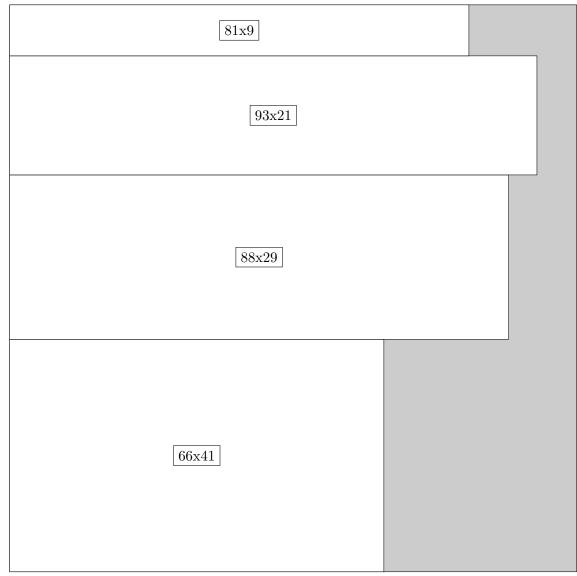
$$\le =24$$
 , h =37 , x =76 , y =0 , v =888



 ≤ 39 , $h = \! 100$, $x = \! 61$, $y = \! 0$, $v = \! 3900$

 $\le =45$, h =85 , x =0 , y =0 , v =3825

 $\le =11$, h =68 , x =45 , y =0 , v =748

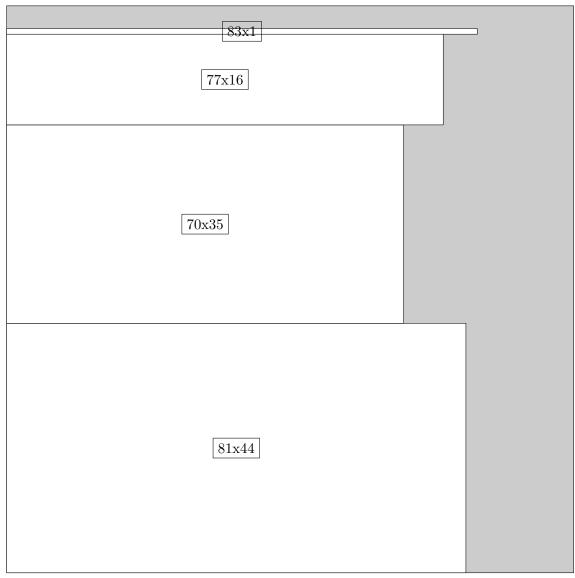


$$\mathbf{w}$$
 =66 , h =41 , x =0 , y =0 , v =2706

$$\le =88$$
 , h =29 , x =0 , y =41 , v =2552

$$\le =93$$
 , h =21 , x =0 , y =70 , v =1953

$$\le =81$$
 , $h=9$, $x=0$, $y=91$, $v=729$

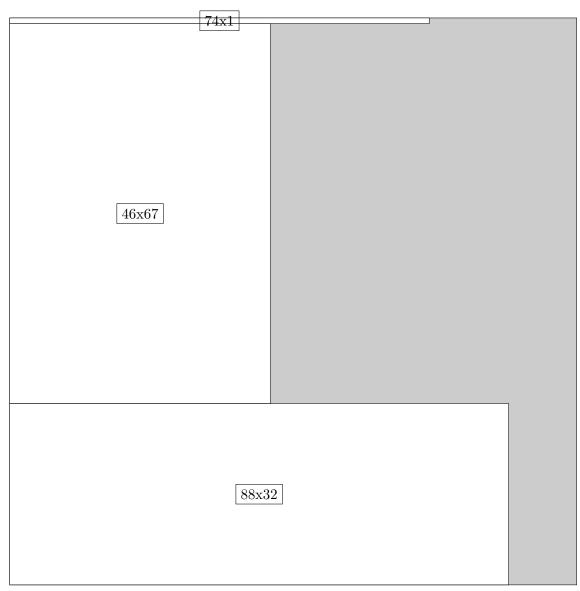


$$\le =81$$
 , $h=44$, $x=0$, $y=0$, $v=3564$

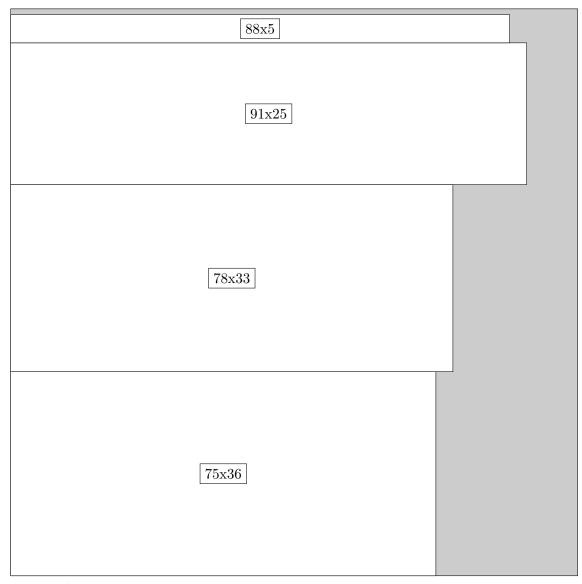
$$\le =70$$
 , h =35 , x =0 , y =44 , v =2450

$$\le =77$$
 , h =16 , x =0 , y =79 , v =1232

$$\le =83$$
 , h =1 , x =0 , y =95 , v =83



$$\begin{array}{l} w = \! 88 \; , \; h = \! 32 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 2816 \\ w = \! 46 \; , \; h = \! 67 \; , \; x = \! 0 \; , \; y = \! 32 \; , \; v = \! 3082 \\ w = \! 74 \; , \; h = \! 1 \; , \; x = \! 0 \; , \; y = \! 99 \; , \; v = \! 74 \end{array}$$

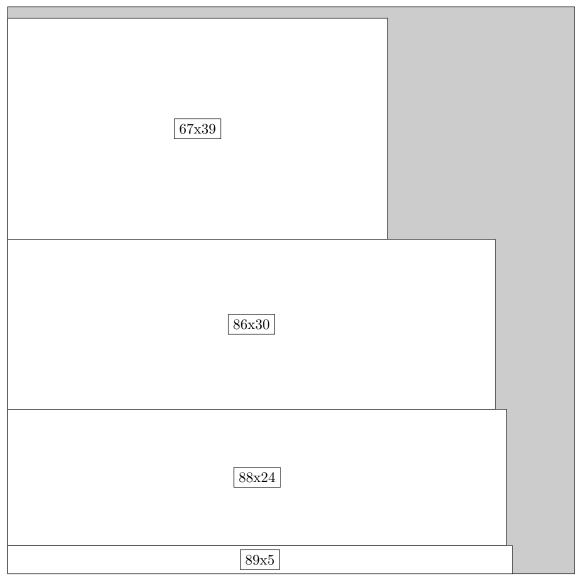


$$\le =75$$
 , h =36 , x =0 , y =0 , v =2700

$$\le -78$$
 , h =33 , x =0 , y =36 , v =2574

$$\le =91$$
 , h =25 , x =0 , y =69 , v =2275

$$\le =88$$
 , h =5 , x =0 , y =94 , v =440

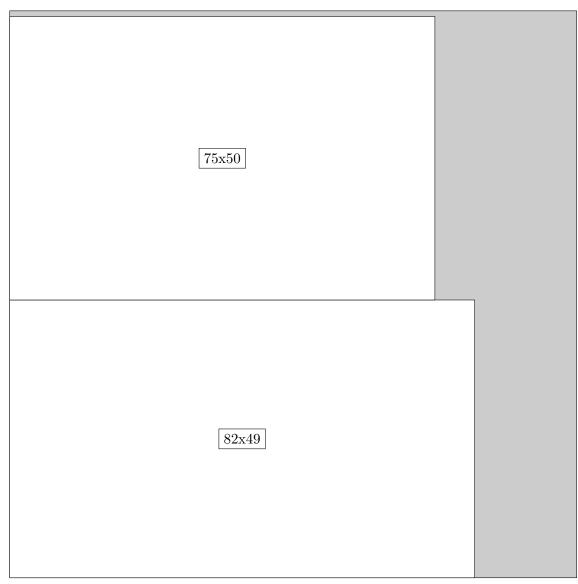


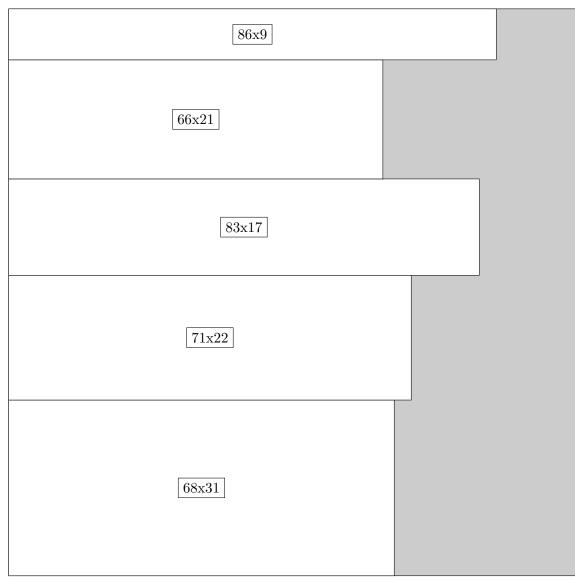
$$\le =67$$
 , h =39 , x =0 , y =59 , v =2613

$$\le =86$$
 , h =30 , x =0 , y =29 , v =2580

$$\le =88$$
 , h =24 , x =0 , y =5 , v =2112

$$\le =89$$
 , $h=5$, $x=0$, $y=0$, $v=445$





$$\mathbf{w}$$
 =68 , h =31 , x =0 , y =0 , v =2108

$$\le =71$$
 , h =22 , x =0 , y =31 , v =1562

$$\le =83$$
 , h =17 , x =0 , y =53 , v =1411

$$\le =66$$
 , h =21 , x =0 , y =70 , v =1386

$$\le =86$$
 , h =9 , x =0 , y =91 , v =774