$ClassName: \ Class_05.2bp\text{-}15$

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>120000</u> InS: <u>87773</u> Rate: <u>0.731</u> UB: <u>12</u> LB0: <u>12</u>

 $\begin{array}{c} -\overline{\mathbf{LBWithCut:}} \ \underline{\mathbf{12}} \\ \mathrm{NodeCut:} \ \underline{\mathbf{0}} \end{array}$

LB: **12**

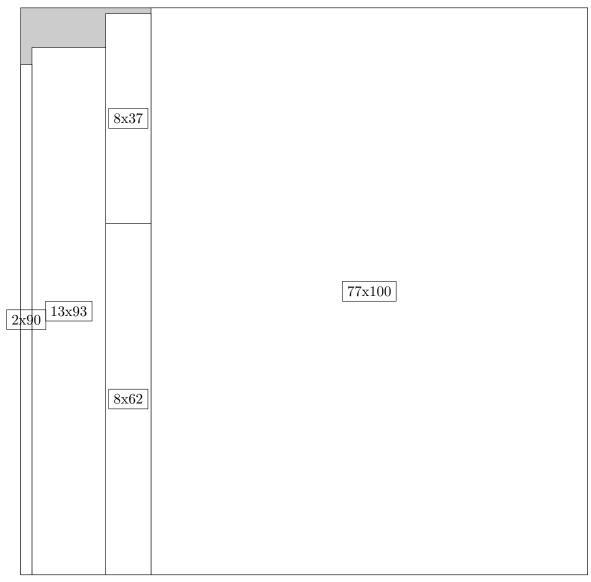
 $\operatorname{ExtendedNodeCnt}$: $\underline{\mathbf{1}}$

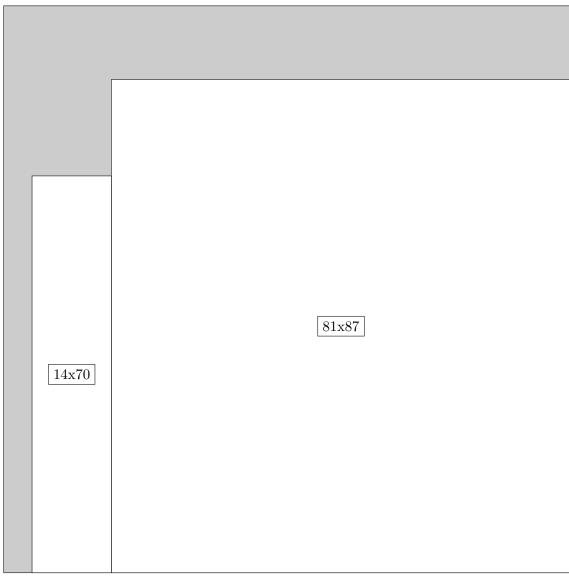
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{12}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

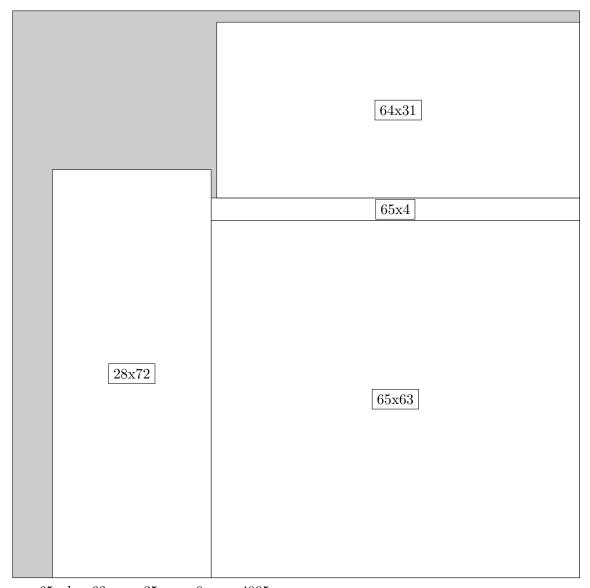
TimeOnInitSolution: $\underline{600.000 \text{ s}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.360 s





$$\begin{array}{l} w = \! 81 \ , \ h = \! 87 \ , \ x = \! 19 \ , \ y = \! 0 \ , \ v = \! 7047 \\ w = \! 14 \ , \ h = \! 70 \ , \ x = \! 5 \ , \ y = \! 0 \ , \ v = \! 980 \end{array}$$

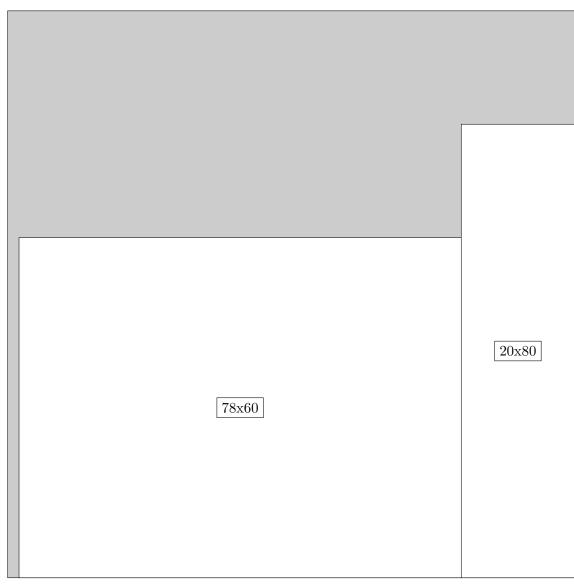


 $\le =65$, h=63 , x=35 , y=0 , v=4095

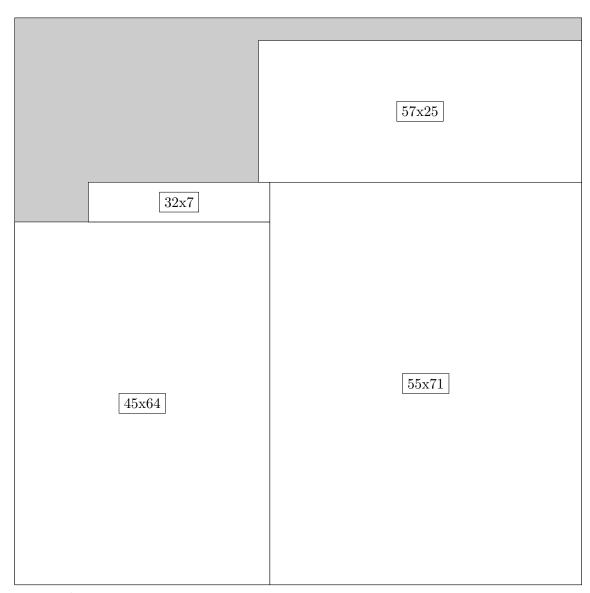
 $\le =65$, h =4 , x =35 , y =63 , v =260

 $\le =64$, h =31 , x =36 , y =67 , v =1984

 $\le =28$, h =72 , x =7 , y =0 , v =2016



$$\begin{array}{l} w = \! 20 \ , \ h = \! 80 \ , \ x = \! 80 \ , \ y = \! 0 \ , \ v = \! 1600 \\ w = \! 78 \ , \ h = \! 60 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 4680 \end{array}$$

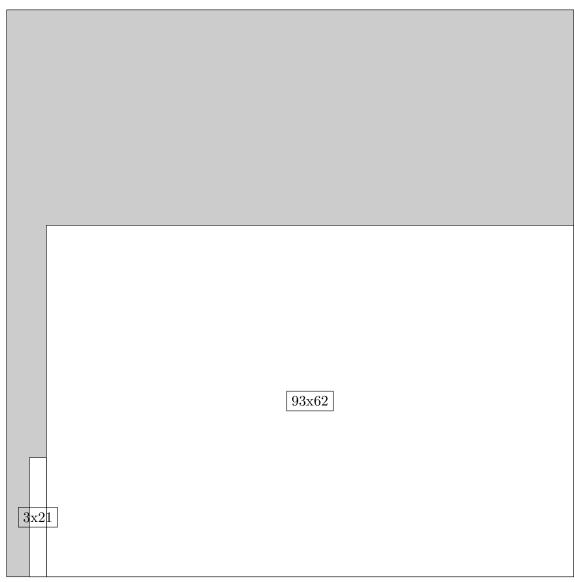


$$\le =55$$
 , h =71 , x =45 , y =0 , v =3905

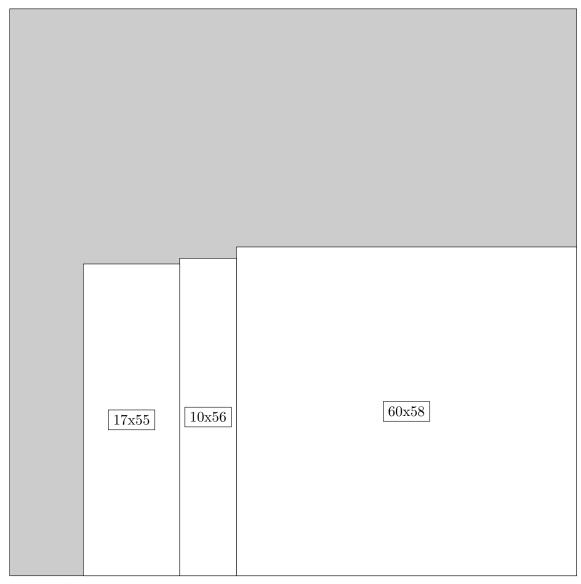
$$\le =45$$
 , $h=64$, $x=0$, $y=0$, $v=2880$

$$\le =32$$
 , h =7 , x =13 , y =64 , v =224

$$w$$
 =57 , h =25 , x =43 , y =71 , v =1425



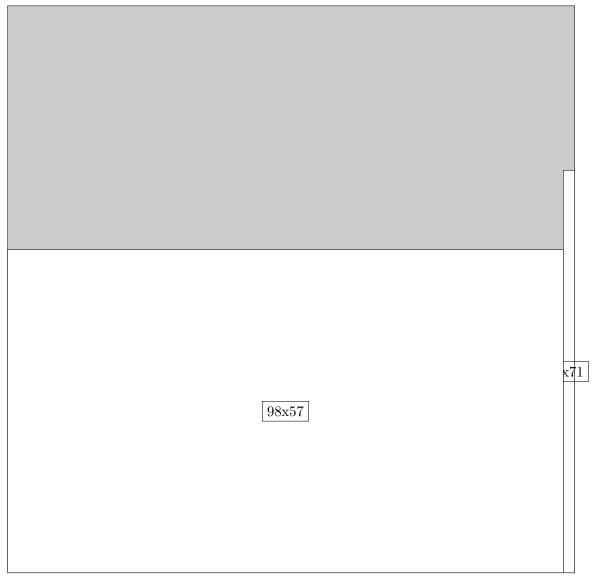
 $\begin{array}{l} w = \! 93 \ , \ h = \! 62 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 5766 \\ w = \! 3 \ , \ h = \! 21 \ , \ x = \! 4 \ , \ y = \! 0 \ , \ v = \! 63 \end{array}$



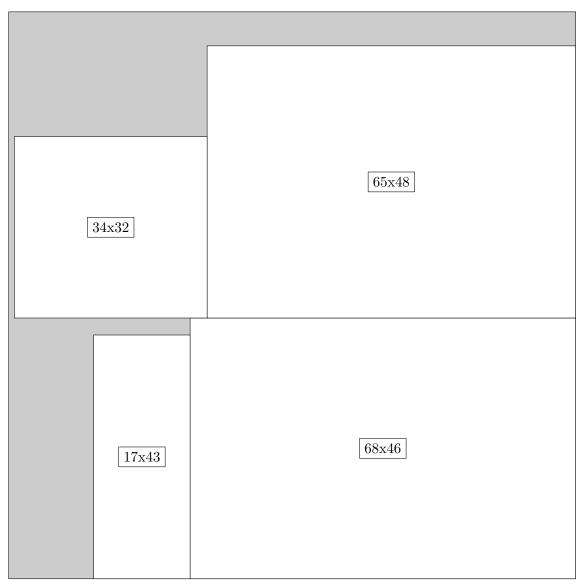
$$\le =60$$
 , $h=58$, $x=40$, $y=0$, $v=3480$

$$\le =10$$
 , h =
56 , x =
30 , y =
0 , v =
560

$$w$$
 =17 , h =55 , x =13 , y =0 , v =935



$$\begin{array}{c} w = 2 \; , \; h = 71 \; , \; x = 98 \; , \; y = 0 \; , \; v = 142 \\ w = 98 \; , \; h = 57 \; , \; x = 0 \; , \; y = 0 \; , \; v = 5586 \\ \end{array}$$

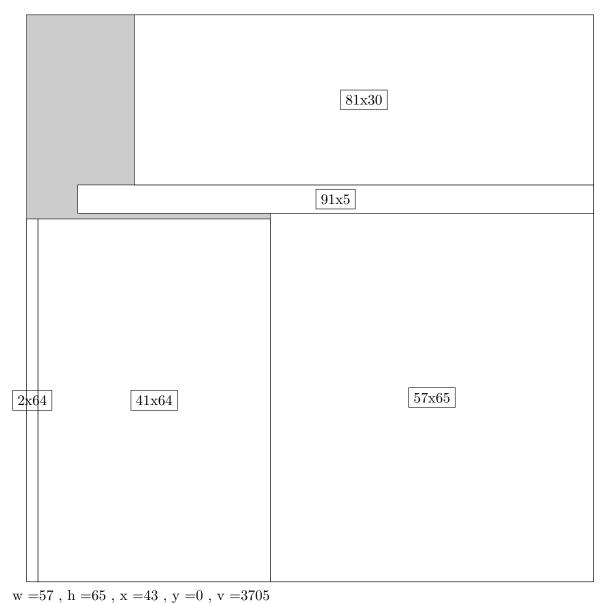


$$\le =68$$
 , h =46 , x =32 , y =0 , v =3128

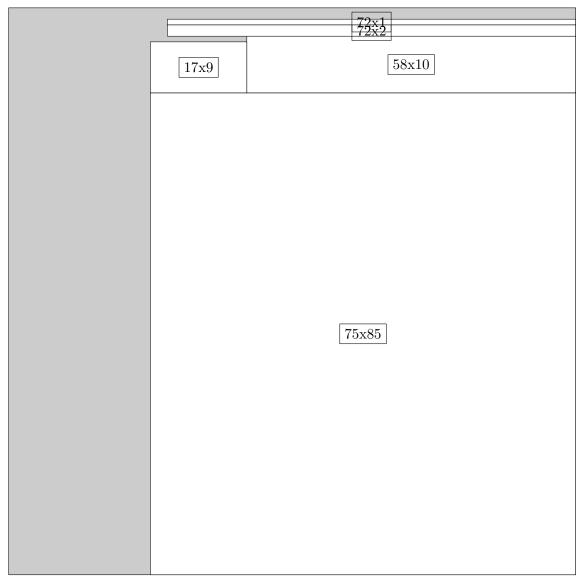
$$\le =17$$
 , h =43 , x =15 , y =0 , v =731

$$\le =65$$
 , h =48 , x =35 , y =46 , v =3120

$$\le =34$$
 , h =32 , x =1 , y =46 , v =1088



 $\le =81$, h=30 , x=19 , y=70 , v=2430



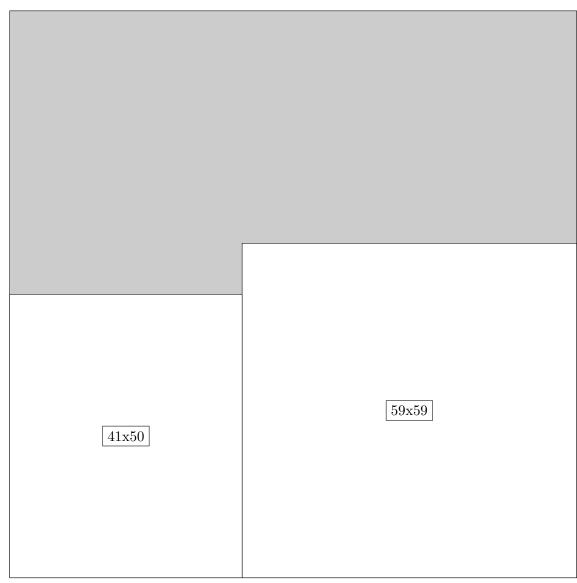
$$w = 75$$
, $h = 85$, $x = 25$, $y = 0$, $v = 6375$

$$\le =58$$
 , h =10 , x =42 , y =85 , v =580

$$\le =17$$
 , h =9 , x =25 , y =85 , v =153

$$w$$
 =72 , h =2 , x =28 , y =95 , v =144

$$\mathbf{w}$$
 =72 , h =1 , x =28 , y =97 , v =72



$$\begin{array}{l} w = \! 59 \ , \ h = \! 59 \ , \ x = \! 41 \ , \ y = \! 0 \ , \ v = \! 3481 \\ w = \! 41 \ , \ h = \! 50 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2050 \end{array}$$