$ClassName: \ Class_05.2bp-24$

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>150000</u> InS: <u>136651</u> Rate: <u>0.911</u> UB: <u>15</u> LB0: <u>15</u> LB: <u>15</u>

LBWithCut: $\underline{\bf 15}$ NodeCut: $\underline{\bf 0}$

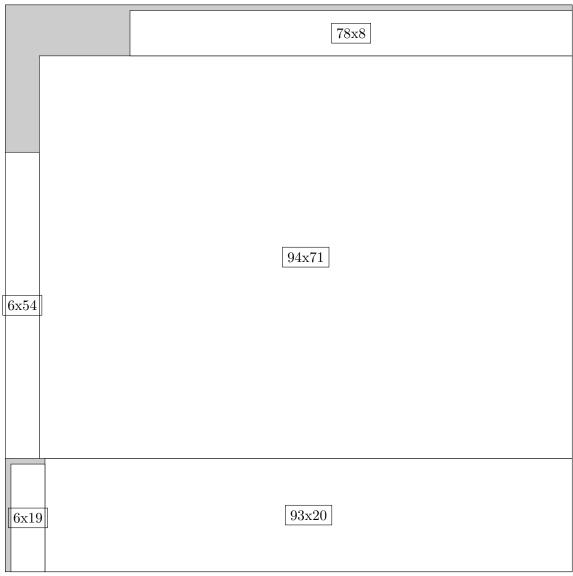
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{15}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

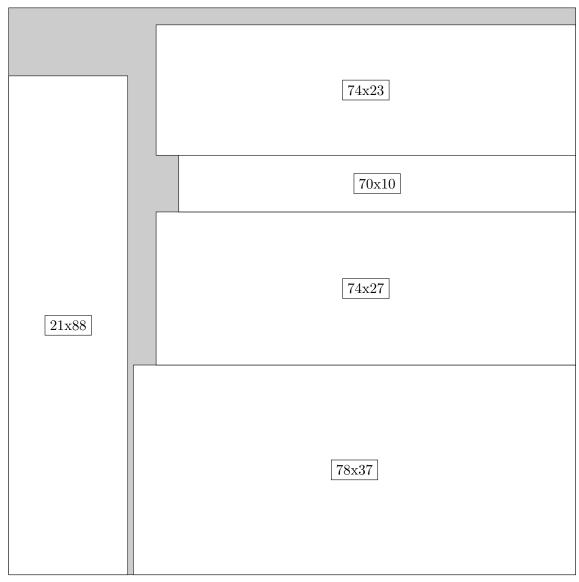
isOpt: $\underline{\mathbf{true}}$

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.328 s



$$\begin{array}{l} w = \! 93 \ , \ h = \! 20 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 1860 \\ w = \! 6 \ , \ h = \! 19 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 114 \\ w = \! 94 \ , \ h = \! 71 \ , \ x = \! 6 \ , \ y = \! 20 \ , \ v = \! 6674 \\ w = \! 6 \ , \ h = \! 54 \ , \ x = \! 0 \ , \ y = \! 20 \ , \ v = \! 324 \\ w = \! 78 \ , \ h = \! 8 \ , \ x = \! 22 \ , \ y = \! 91 \ , \ v = \! 624 \end{array}$$



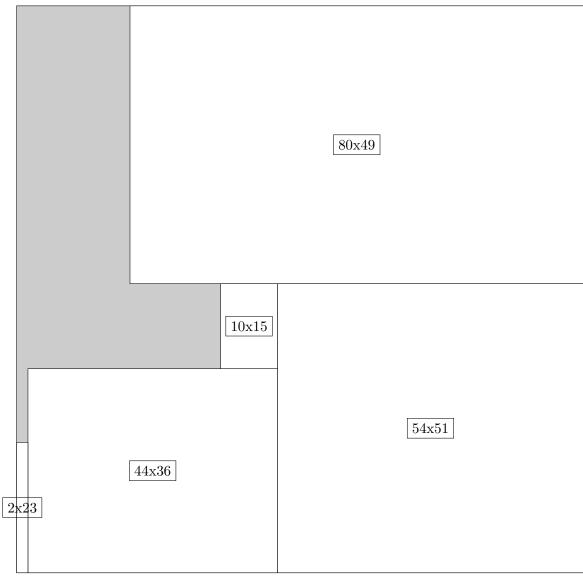
$$w = 78$$
, $h = 37$, $x = 22$, $y = 0$, $v = 2886$

$$w=\!74$$
 , $h=\!27$, $x=\!26$, $y=\!37$, $v=\!1998$

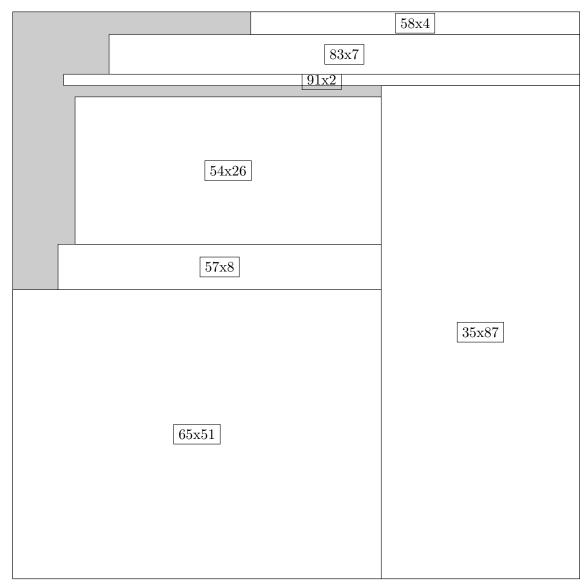
$$\le =70$$
 , h =10 , x =30 , y =64 , v =700

$$\le =74$$
 , h =23 , x =26 , y =74 , v =1702

$$\le =21$$
 , $h=88$, $x=0$, $y=0$, $v=1848$



$$\begin{array}{l} w = \!54 \;, \; h = \!51 \;, \; x = \!46 \;, \; y = \!0 \;, \; v = \!2754 \\ w = \!44 \;, \; h = \!36 \;, \; x = \!2 \;, \; y = \!0 \;, \; v = \!1584 \\ w = \!10 \;, \; h = \!15 \;, \; x = \!36 \;, \; y = \!36 \;, \; v = \!150 \\ w = \!2 \;, \; h = \!23 \;, \; x = \!0 \;, \; y = \!0 \;, \; v = \!46 \\ w = \!80 \;, \; h = \!49 \;, \; x = \!20 \;, \; y = \!51 \;, \; v = \!3920 \end{array}$$



$$\le =35$$
 , $h=87$, $x=65$, $y=0$, $v=3045$

$$\mathbf{w}$$
 =65 , h =51 , x =0 , y =0 , v =3315

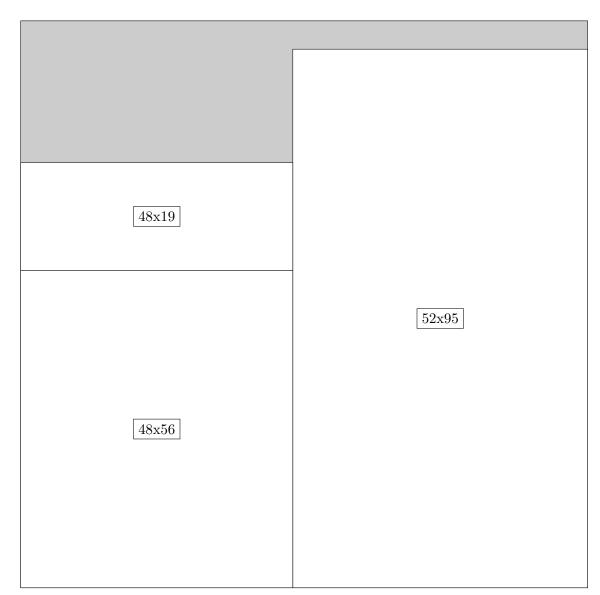
$$\le =57$$
 , h =8 , x =8 , y =51 , v =456

$$w$$
 =54 , h =26 , x =11 , y =59 , v =1404

$$\le =91$$
 , h =2 , x =9 , y =87 , v =182

$$\le =83$$
 , h =7 , x =17 , y =89 , v =581

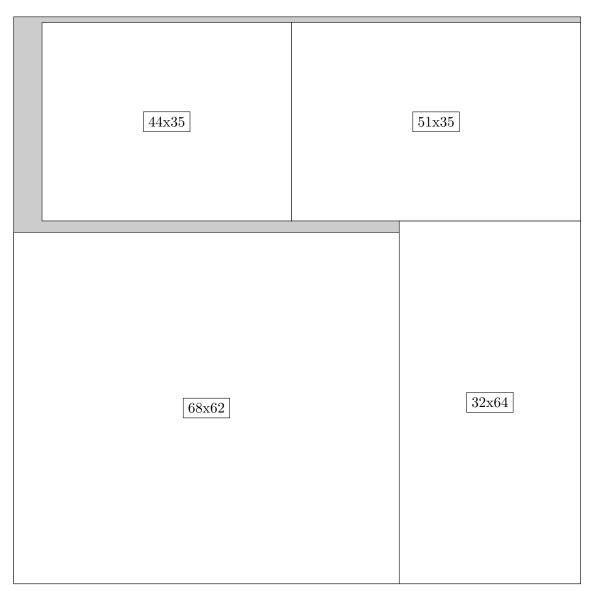
$$w$$
 =58 , h =4 , x =42 , y =96 , v =232



$$w$$
 =52 , h =95 , x =48 , y =0 , v =4940

$$\le =48$$
 , h =
56 , x =0 , y =
0 , v =
2688

$$\le =48$$
 , h =19 , x =0 , y =
56 , v =912

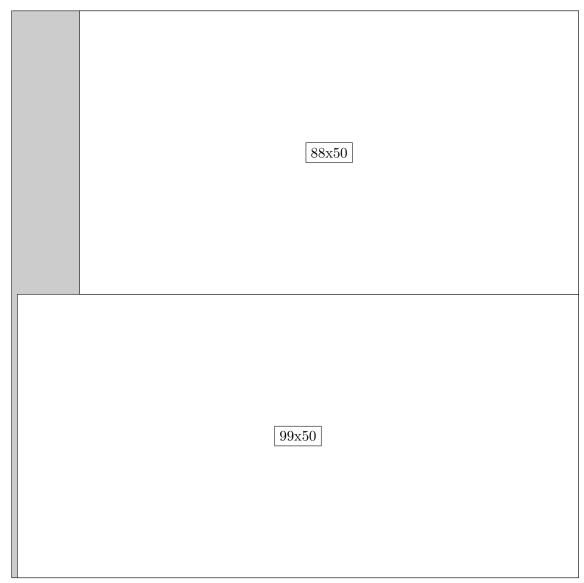


$$w = 32 \ , \ h = 64 \ , \ x = 68 \ , \ y = 0 \ , \ v = 2048$$

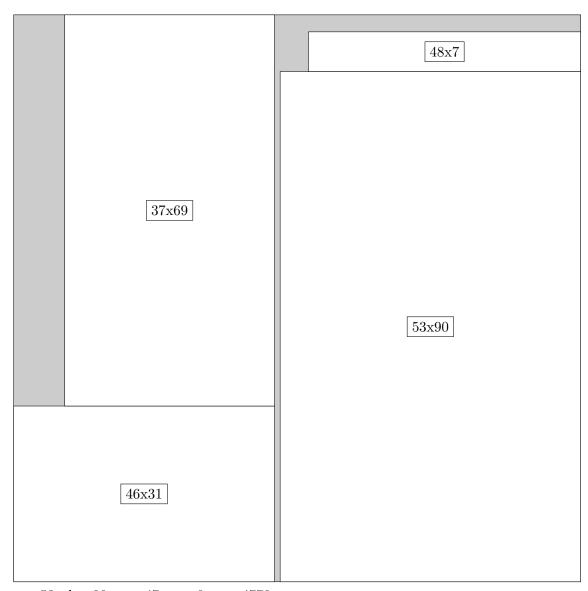
$$\le =68$$
 , $h=62$, $x=0$, $y=0$, $v=4216$

$$\le =51$$
 , $h=35$, $x=49$, $y=64$, $v=1785$

$$\le =44$$
 , h =35 , x =5 , y =64 , v =1540



$$\begin{array}{l} w = 99 \ , \ h = \!\! 50 \ , \ x = \!\! 1 \ , \ y = \!\! 0 \ , \ v = \!\! 4950 \\ w = \!\! 88 \ , \ h = \!\! 50 \ , \ x = \!\! 12 \ , \ y = \!\! 50 \ , \ v = \!\! 4400 \end{array}$$

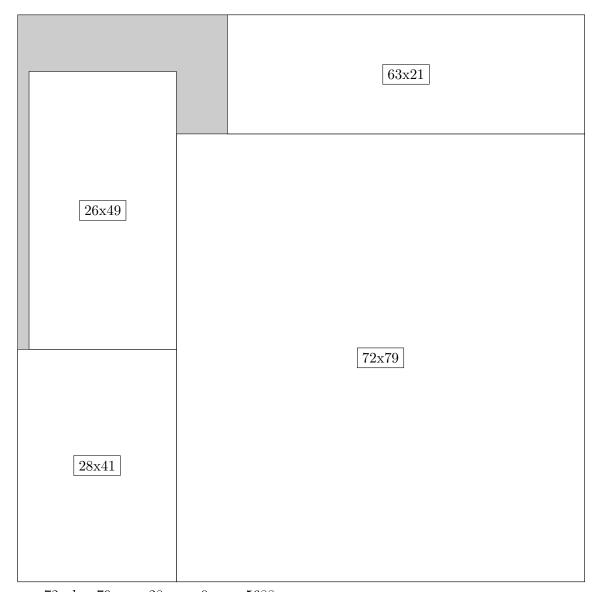


$$w$$
 =53 , h =90 , x =47 , y =0 , v =4770

$$\le =48$$
 , h =7 , x =52 , y =90 , v =336

$$\le =46$$
 , h =31 , x =0 , y =0 , v =1426

$$\le =37$$
 , h =69 , x =9 , y =31 , v =2553

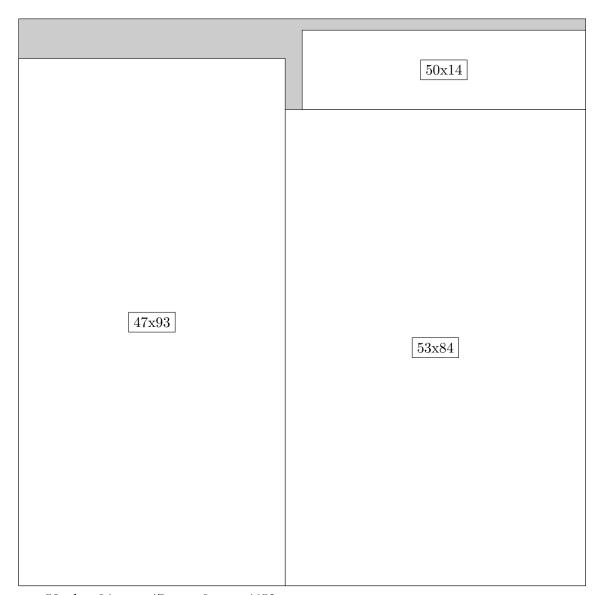


$$\le =72$$
 , $h=79$, $x=28$, $y=0$, $v=5688$

$$\le =63$$
 , h =21 , x =37 , y =79 , v =1323

$$\le =28$$
 , h =41 , x =0 , y =0 , v =1148

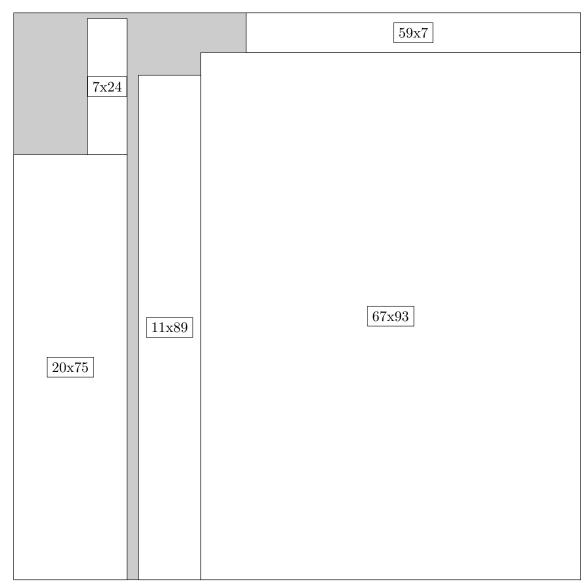
$$\mathbf{w}$$
 =26 , h =49 , x =2 , y =41 , v =1274



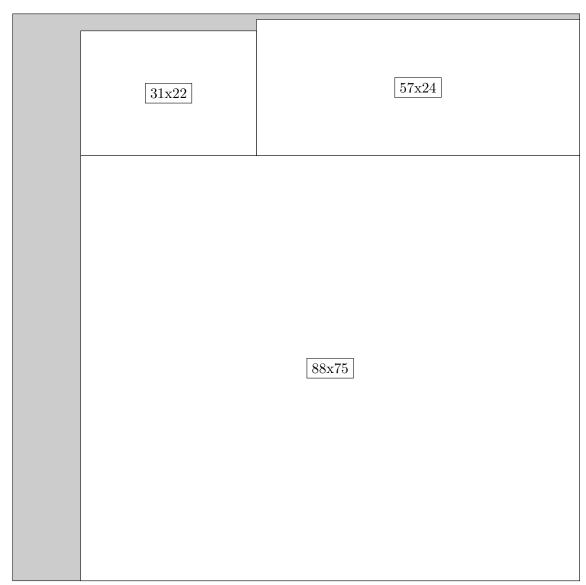
$$\le =53$$
 , h =84 , x =47 , y =0 , v =4452

$$\le =50$$
 , h =14 , x =50 , y =84 , v =700

$$\le =47$$
 , h =93 , x =0 , y =0 , v =4371



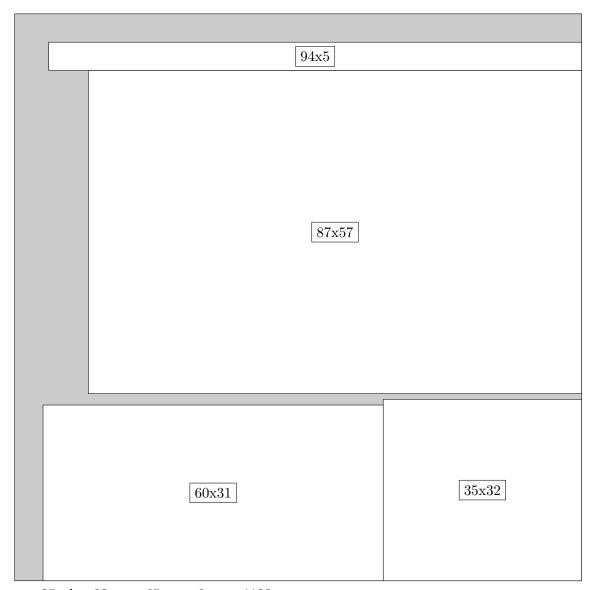
 $\begin{array}{l} w=67\;,\; h=93\;,\; x=33\;,\; y=0\;,\; v=6231\\ w=11\;,\; h=89\;,\; x=22\;,\; y=0\;,\; v=979\\ w=59\;,\; h=7\;,\; x=41\;,\; y=93\;,\; v=413\\ w=20\;,\; h=75\;,\; x=0\;,\; y=0\;,\; v=1500\\ w=7\;,\; h=24\;,\; x=13\;,\; y=75\;,\; v=168 \end{array}$



$$\le =88$$
 , h =75 , x =12 , y =0 , v =6600

$$w$$
 =57 , h =24 , x =43 , y =75 , v =1368

$$\le =31$$
 , h =22 , x =12 , y =75 , v =682

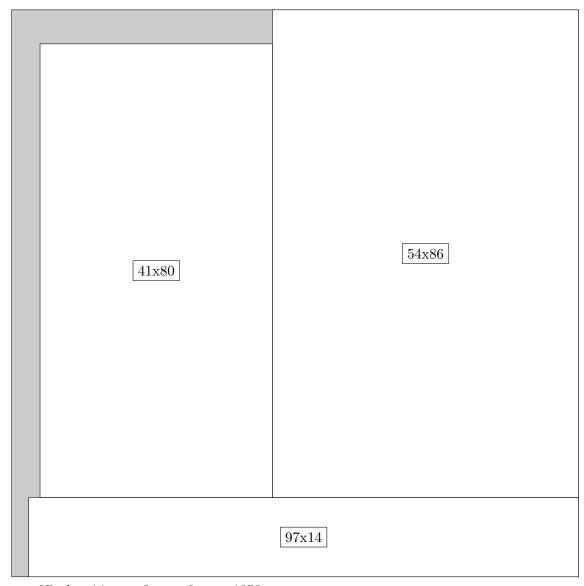


$$\le =35$$
 , h =32 , x =65 , y =0 , v =1120

$$\le =60$$
 , h =31 , x =5 , y =0 , v =1860

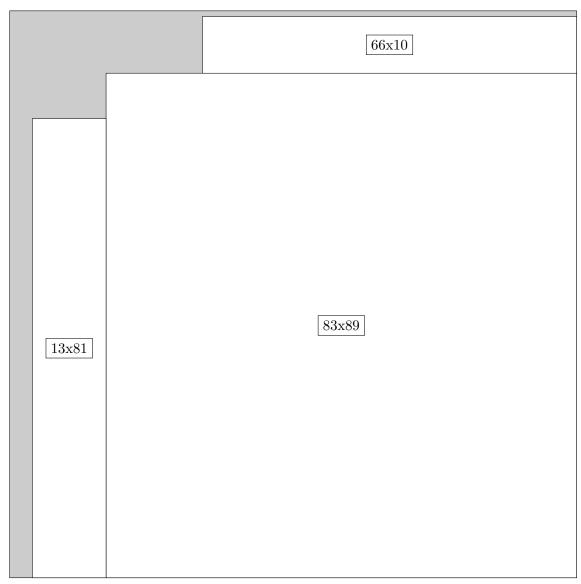
$$\le =87$$
 , h =57 , x =13 , y =33 , v =4959

$$\le =94$$
 , $h=5$, $x=6$, $y=90$, $v=470$



$$\begin{array}{l} w = \! 97 \; , \; h = \! 14 \; , \; x = \! 3 \; , \; y = \! 0 \; , \; v = \! 1358 \\ w = \! 54 \; , \; h = \! 86 \; , \; x = \! 46 \; , \; y = \! 14 \; , \; v = \! 4644 \end{array}$$

$$\le =41$$
 , $h=\!80$, $x=\!5$, $y=\!14$, $v=\!3280$



$$\begin{array}{l} w = \! 83 \ , \ h = \! 89 \ , \ x = \! 17 \ , \ y = \! 0 \ , \ v = \! 7387 \\ w = \! 66 \ , \ h = \! 10 \ , \ x = \! 34 \ , \ y = \! 89 \ , \ v = \! 660 \end{array}$$

$$\le =13$$
 , h =81 , x =4 , y =0 , v =1053