$ClassName: \ Class_07.2bp-12$

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>100000</u> InS: <u>83209</u> Rate: <u>0.832</u> UB: <u>10</u> LB0: <u>9</u>

LBWithCut: $\underline{\mathbf{10}}$ NodeCut: $\underline{\mathbf{0}}$

LB: **10**

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{91}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{82}}$ PricingSolverCnt: $\underline{\mathbf{82}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

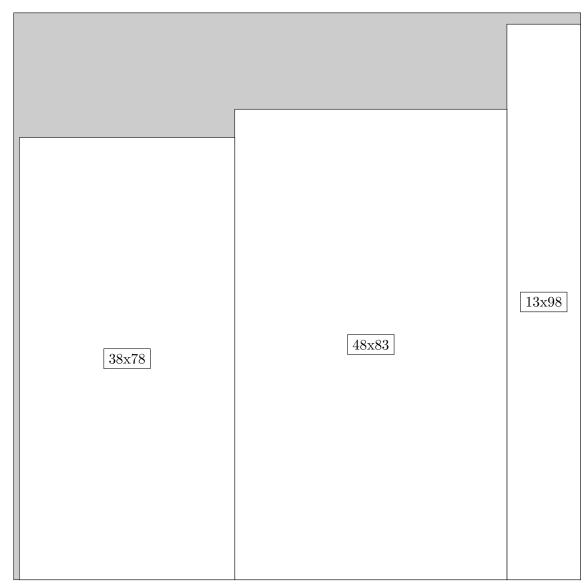
TimeOnInitSolution: $\underline{600.000 \text{ s}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 2999.575 s

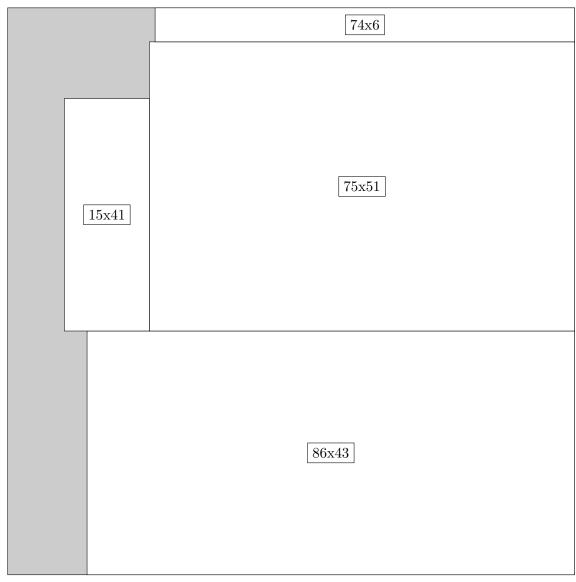
TimeOnRmp: $\underline{0.112 \text{ s}}$ TotalTime: $\underline{3600.007 \text{ s}}$

11x32		
33x68	19x100	48x100

 $\begin{array}{l} w = \! 48 \; , \; h = \! 100 \; , \; x = \! 52 \; , \; y = \! 0 \; , \; v = \! 4800 \\ w = \! 19 \; , \; h = \! 100 \; , \; x = \! 33 \; , \; y = \! 0 \; , \; v = \! 1900 \\ w = \! 33 \; , \; h = \! 68 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 2244 \\ w = \! 11 \; , \; h = \! 32 \; , \; x = \! 22 \; , \; y = \! 68 \; , \; v = \! 352 \end{array}$



$$\begin{array}{l} w = \! 13 \ , \ h = \! 98 \ , \ x = \! 87 \ , \ y = \! 0 \ , \ v = \! 1274 \\ w = \! 48 \ , \ h = \! 83 \ , \ x = \! 39 \ , \ y = \! 0 \ , \ v = \! 3984 \\ w = \! 38 \ , \ h = \! 78 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 2964 \end{array}$$

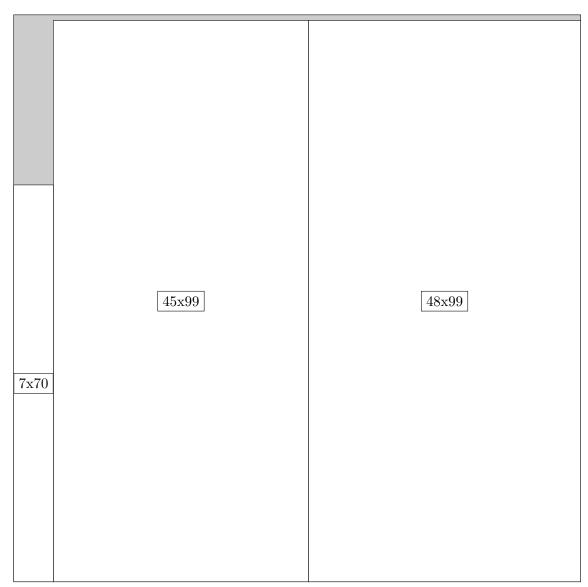


$$w = 86 \; , \; h = \! 43 \; , \; x = \! 14 \; , \; y = \! 0 \; , \; v = \! 3698$$

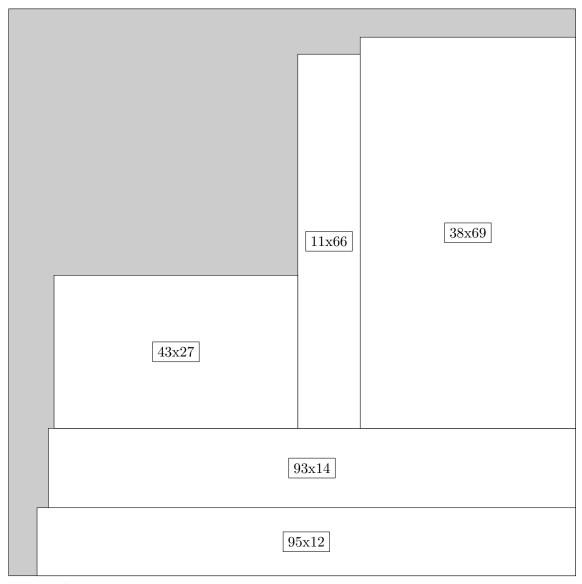
$$w = 75$$
, $h = 51$, $x = 25$, $y = 43$, $v = 3825$

$$\mathbf{w}$$
 =74 , h =6 , x =26 , y =94 , v =444

$$w$$
 =15 , h =41 , x =10 , y =43 , v =615



 $\begin{array}{l} w = \! 48 \ , \ h = \! 99 \ , \ x = \! 52 \ , \ y = \! 0 \ , \ v = \! 4752 \\ w = \! 45 \ , \ h = \! 99 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 4455 \\ w = \! 7 \ , \ h = \! 70 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 490 \end{array}$



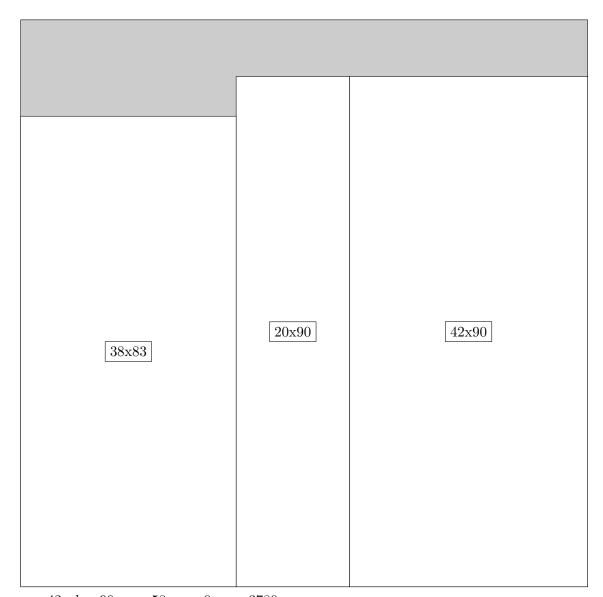
$$\le =95$$
 , h =12 , x =5 , y =0 , v =1140

$$\le =93$$
 , h =14 , x =7 , y =12 , v =1302

$$w = 38$$
, $h = 69$, $x = 62$, $y = 26$, $v = 2622$

$$\mathbf{w}$$
 =11 , h =66 , x =51 , y =26 , v =726

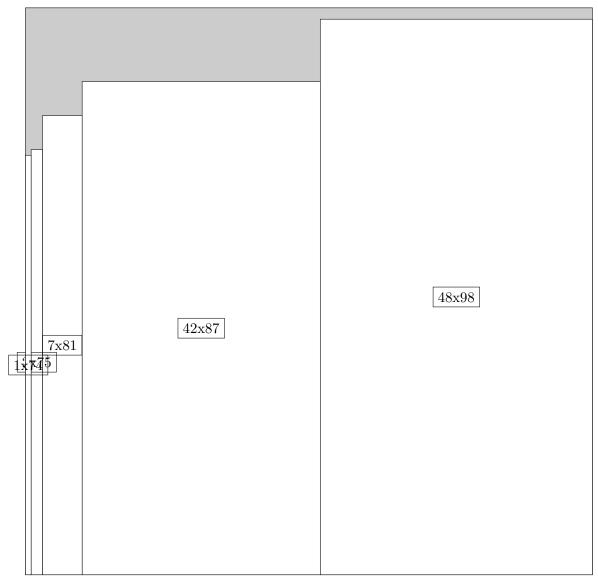
$$\le =43$$
 , h =27 , x =8 , y =26 , v =1161



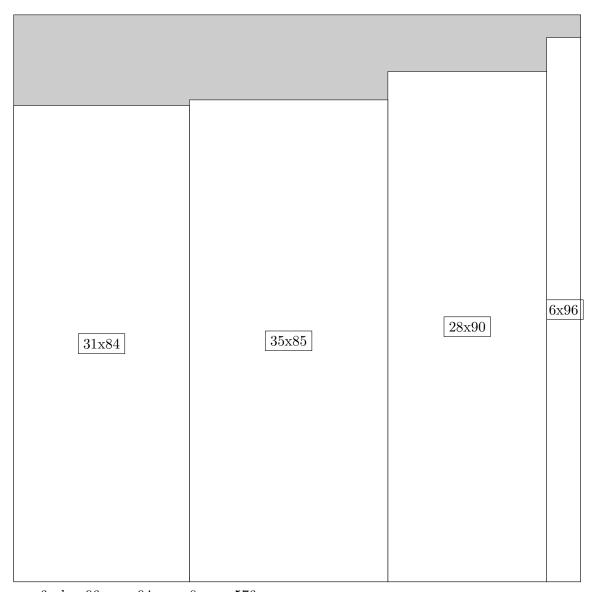
$$\le =42$$
 , h =90 , x =58 , y =0 , v =3780

$$\le =20$$
 , h =90 , x =38 , y =0 , v =1800

$$\le =38$$
 , h =83 , x =0 , y =0 , v =3154

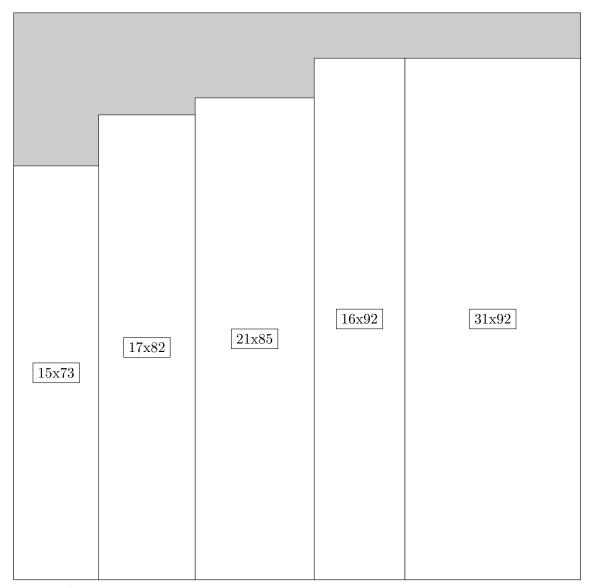


 $\begin{array}{l} w = \!\! 48 \;,\; h = \!\! 98 \;,\; x = \!\! 52 \;,\; y = \!\! 0 \;,\; v = \!\! 4704 \\ w = \!\! 42 \;,\; h = \!\! 87 \;,\; x = \!\! 10 \;,\; y = \!\! 0 \;,\; v = \!\! 3654 \\ w = \!\! 7 \;,\; h = \!\! 81 \;,\; x = \!\! 3 \;,\; y = \!\! 0 \;,\; v = \!\! 567 \\ w = \!\! 2 \;,\; h = \!\! 75 \;,\; x = \!\! 1 \;,\; y = \!\! 0 \;,\; v = \!\! 150 \\ w = \!\! 1 \;,\; h = \!\! 74 \;,\; x = \!\! 0 \;,\; y = \!\! 0 \;,\; v = \!\! 74 \end{array}$

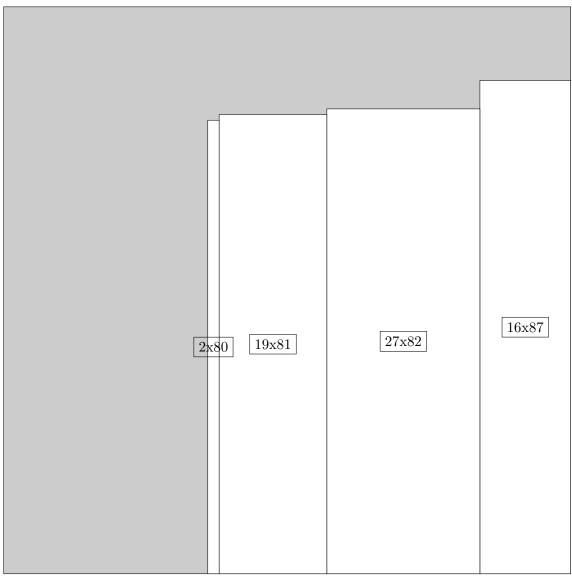


 $\begin{array}{l} w = 6 \ , \ h = 96 \ , \ x = 94 \ , \ y = 0 \ , \ v = 576 \\ w = 28 \ , \ h = 90 \ , \ x = 66 \ , \ y = 0 \ , \ v = 2520 \\ w = 35 \ , \ h = 85 \ , \ x = 31 \ , \ y = 0 \ , \ v = 2975 \end{array}$

 $\le =31$, h=84 , x=0 , y=0 , v=2604



$$\begin{array}{l} w = & 31 \ , \ h = & 92 \ , \ x = & 69 \ , \ y = & 0 \ , \ v = & 2852 \\ w = & 16 \ , \ h = & 92 \ , \ x = & 53 \ , \ y = & 0 \ , \ v = & 1472 \\ w = & 21 \ , \ h = & 85 \ , \ x = & 32 \ , \ y = & 0 \ , \ v = & 1785 \\ w = & 17 \ , \ h = & 82 \ , \ x = & 15 \ , \ y = & 0 \ , \ v = & 1394 \\ w = & 15 \ , \ h = & 73 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 1095 \end{array}$$



 $\begin{array}{l} w=16 \ , \ h=87 \ , \ x=84 \ , \ y=0 \ , \ v=1392 \\ w=27 \ , \ h=82 \ , \ x=57 \ , \ y=0 \ , \ v=2214 \\ w=19 \ , \ h=81 \ , \ x=38 \ , \ y=0 \ , \ v=1539 \\ w=2 \ , \ h=80 \ , \ x=36 \ , \ y=0 \ , \ v=160 \end{array}$