$ClassName: {\bf Class_10.2bp\text{-}31}$

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

TypeNum: <u>80</u>
Num: <u>80</u>
OutS: <u>110000</u>
InS: <u>97806</u>
Rate: <u>0.889</u>
UB: <u>11</u>
LB0: <u>10</u>

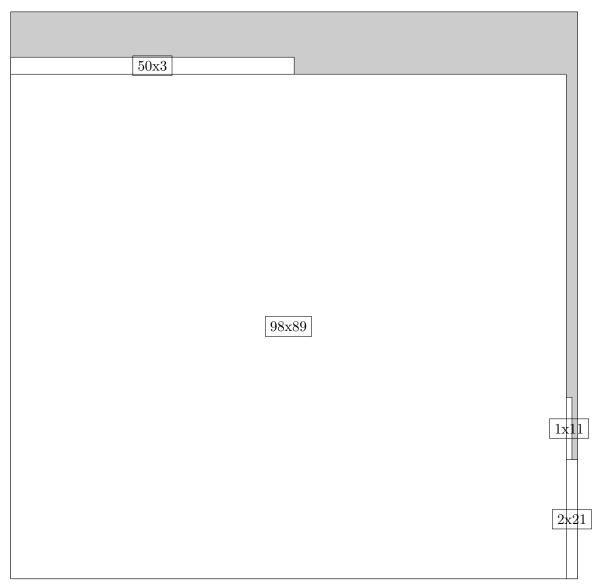
LB: **11**

LBWithCut: $\underline{\mathbf{11}}$ NodeCut: $\underline{\mathbf{0}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{66}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{55}}$ PricingSolverCnt: $\underline{\mathbf{55}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

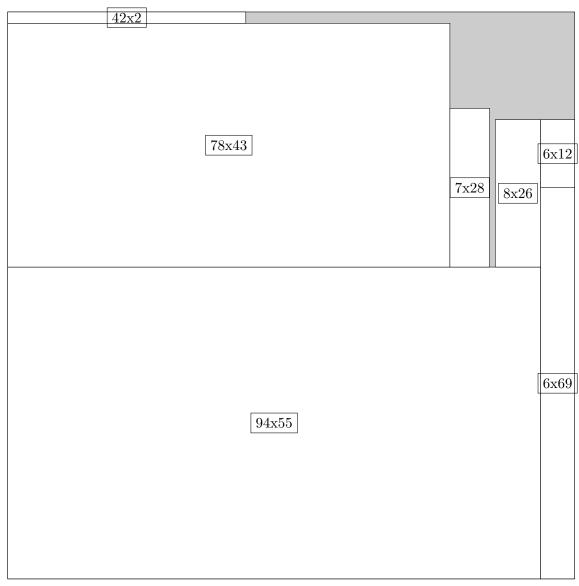
isOpt: false

TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{3601.554 \text{ s}}$

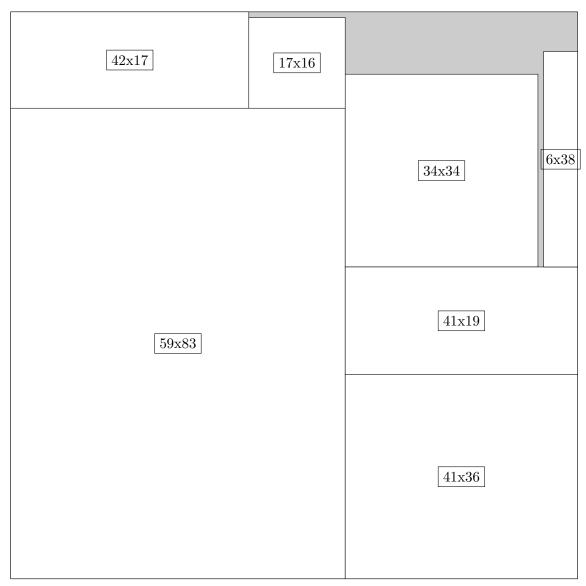
 $\begin{array}{l} {\rm TimeOnRmp:} \ \underline{0.064 \ s} \\ {\rm TotalTime:} \ \underline{3601.712 \ s} \end{array}$



 $\begin{array}{l} w = 98 \ , \ h = 89 \ , \ x = 0 \ , \ y = 0 \ , \ v = 8722 \\ w = 50 \ , \ h = 3 \ , \ x = 0 \ , \ y = 89 \ , \ v = 150 \\ w = 2 \ , \ h = 21 \ , \ x = 98 \ , \ y = 0 \ , \ v = 42 \\ w = 1 \ , \ h = 11 \ , \ x = 98 \ , \ y = 21 \ , \ v = 11 \end{array}$



$$\begin{array}{l} w = 94 \;,\; h = 55 \;,\; x = 0 \;,\; y = 0 \;,\; v = 5170 \\ w = 78 \;,\; h = 43 \;,\; x = 0 \;,\; y = 55 \;,\; v = 3354 \\ w = 6 \;,\; h = 69 \;,\; x = 94 \;,\; y = 0 \;,\; v = 414 \\ w = 8 \;,\; h = 26 \;,\; x = 86 \;,\; y = 55 \;,\; v = 208 \\ w = 7 \;,\; h = 28 \;,\; x = 78 \;,\; y = 55 \;,\; v = 196 \\ w = 42 \;,\; h = 2 \;,\; x = 0 \;,\; y = 98 \;,\; v = 84 \\ w = 6 \;,\; h = 12 \;,\; x = 94 \;,\; y = 69 \;,\; v = 72 \end{array}$$



$$w = 59$$
, $h = 83$, $x = 0$, $y = 0$, $v = 4897$

$$w=\!41$$
 , $h=\!36$, $x=\!59$, $y=\!0$, $v=\!1476$

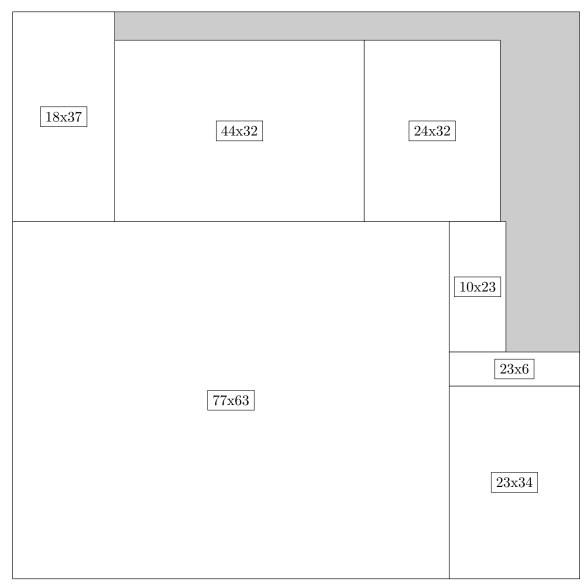
$$\le =34$$
 , h =34 , x =59 , y =55 , v =1156

$$\mathbf{w}$$
 =41 , h =19 , x =59 , y =36 , v =779

$$\mathbf{w}$$
 =42 , h =17 , x =0 , y =83 , v =714

$$w=\!17$$
 , $h=\!16$, $x=\!42$, $y=\!83$, $v=\!272$

$$w$$
 =6 , h =38 , x =94 , y =55 , v =228



$$w = 77$$
, $h = 63$, $x = 0$, $y = 0$, $v = 4851$

$$w=\!44$$
 , $h=\!32$, $x=\!18$, $y=\!63$, $v=\!1408$

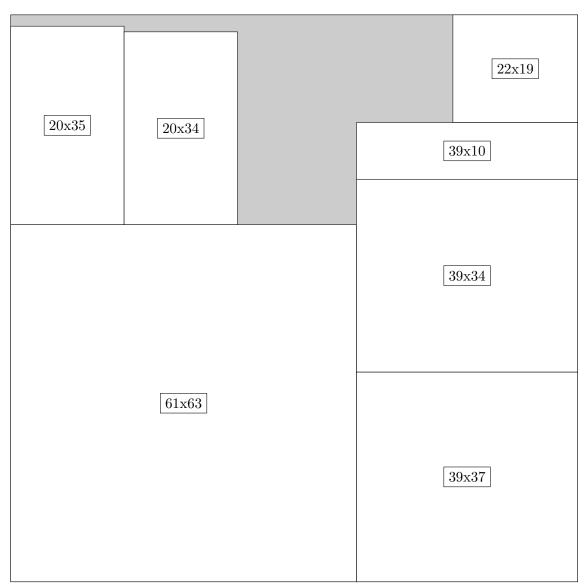
$$\le =23$$
 , h =34 , x =77 , y =0 , v =782

$$\le =24$$
 , h =32 , x =62 , y =63 , v =768

$$\le =18$$
 , $h=37$, $x=0$, $y=63$, $v=666$

$$w=\!10$$
 , $h=\!23$, $x=\!77$, $y=\!40$, $v=\!230$

$$\le =23$$
 , h =6 , x =77 , y =34 , v =138



$$w = 61$$
, $h = 63$, $x = 0$, $y = 0$, $v = 3843$

$$w=\!39$$
 , $h=\!37$, $x=\!61$, $y=\!0$, $v=\!1443$

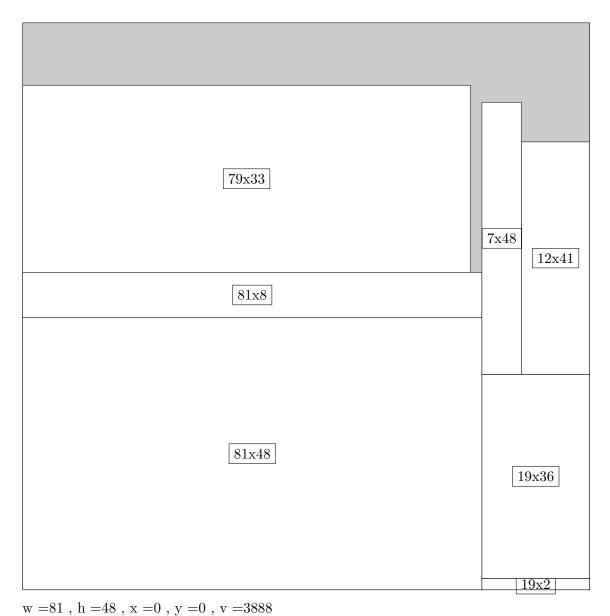
$$\le =39$$
 , h =34 , x =61 , y =37 , v =1326

$$\le =20$$
 , h =35 , x =0 , y =63 , v =700

$$\le =20$$
 , $h=34$, $x=20$, $y=63$, $v=680$

$$w$$
 =22 , h =19 , x =78 , y =81 , v =418

$$\le =39$$
 , $h=10$, $x=61$, $y=71$, $v=390$



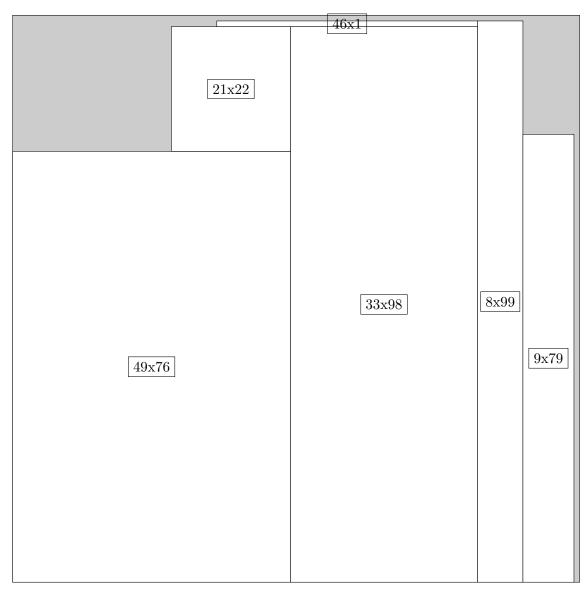
w =79, h =33, x =0, y =56, v =2607 w =19, h =2, x =81, y =0, v =38

w = 19, h = 36, x = 81, y = 2, v = 684

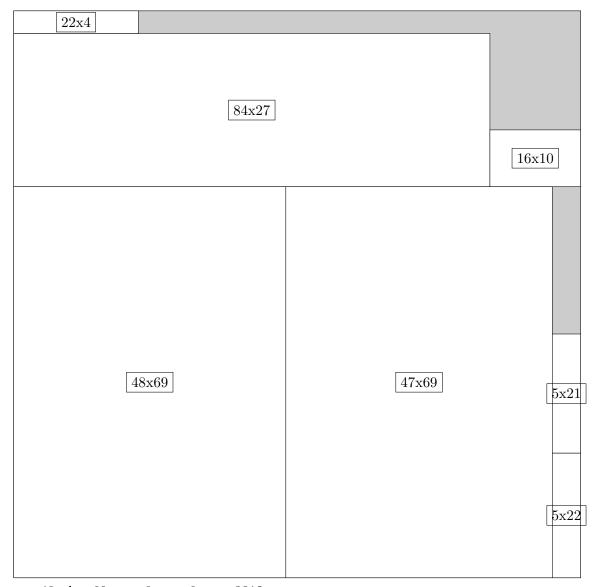
w =81, h =8, x =0, y =48, v =648

w =12 , h =41 , x =88 , y =38 , v =492

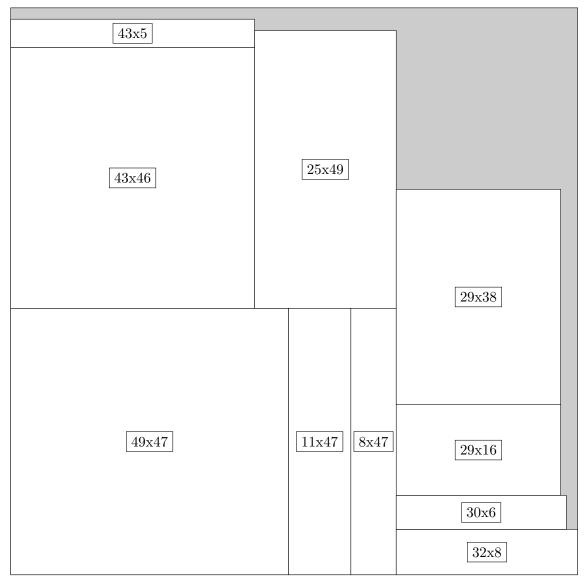
w = 7, h = 48, x = 81, y = 38, v = 336



 $\begin{array}{l} w = \! 49 \; , \; h = \! 76 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 3724 \\ w = \! 33 \; , \; h = \! 98 \; , \; x = \! 49 \; , \; y = \! 0 \; , \; v = \! 3234 \\ w = \! 8 \; , \; h = \! 99 \; , \; x = \! 82 \; , \; y = \! 0 \; , \; v = \! 792 \\ w = \! 9 \; , \; h = \! 79 \; , \; x = \! 90 \; , \; y = \! 0 \; , \; v = \! 711 \\ w = \! 21 \; , \; h = \! 22 \; , \; x = \! 28 \; , \; y = \! 76 \; , \; v = \! 462 \\ w = \! 46 \; , \; h = \! 1 \; , \; x = \! 36 \; , \; y = \! 98 \; , \; v = \! 46 \end{array}$



$$\begin{array}{l} w = \! 48 \; , \, h = \! 69 \; , \, x = \! 0 \; , \, y = \! 0 \; , \, v = \! 3312 \\ w = \! 47 \; , \, h = \! 69 \; , \, x = \! 48 \; , \, y = \! 0 \; , \, v = \! 3243 \\ w = \! 84 \; , \, h = \! 27 \; , \, x = \! 0 \; , \, y = \! 69 \; , \, v = \! 2268 \\ w = \! 16 \; , \, h = \! 10 \; , \, x = \! 84 \; , \, y = \! 69 \; , \, v = \! 160 \\ w = \! 5 \; , \, h = \! 22 \; , \, x = \! 95 \; , \, y = \! 0 \; , \, v = \! 110 \\ w = \! 5 \; , \, h = \! 21 \; , \, x = \! 95 \; , \, y = \! 22 \; , \, v = \! 105 \\ w = \! 22 \; , \, h = \! 4 \; , \, x = \! 0 \; , \, y = \! 96 \; , \, v = \! 88 \end{array}$$



$$w = 49$$
, $h = 47$, $x = 0$, $y = 0$, $v = 2303$

$$w = 43$$
, $h = 46$, $x = 0$, $y = 47$, $v = 1978$

$$w$$
 =25 , h =49 , x =43 , y =47 , v =1225

$$w = 11$$
, $h = 47$, $x = 49$, $y = 0$, $v = 517$

$$w$$
 =29 , h =16 , x =68 , y =14 , v =464

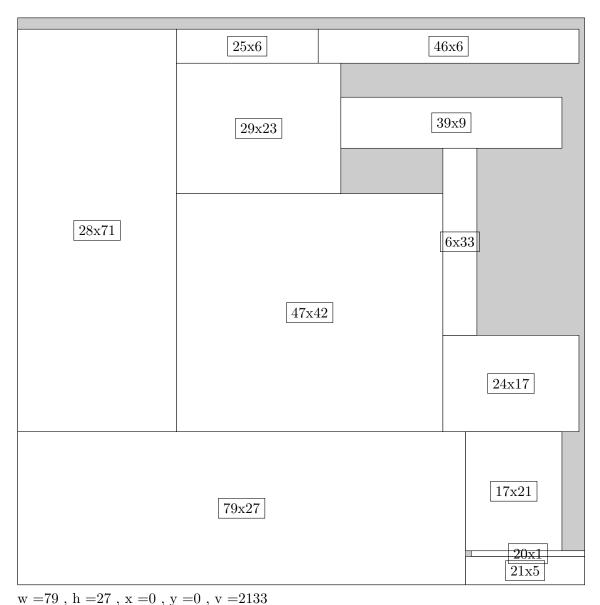
$$w$$
 =8 , h =47 , x =60 , y =0 , v =376

$$w = 32$$
, $h = 8$, $x = 68$, $y = 0$, $v = 256$

$$\le =43$$
 , h =5 , x =0 , y =93 , v =215

$$w = 30$$
, $h = 6$, $x = 68$, $y = 8$, $v = 180$

$$w$$
 =29 , h =38 , x =68 , y =30 , v =1102



$$w = 29$$
, $h = 23$, $x = 28$, $y = 69$, $v = 667$

$$\le =17$$
 , h =21 , x =79 , y =6 , v =357

$$w$$
 =39 , h =9 , x =57 , y =77 , v =351

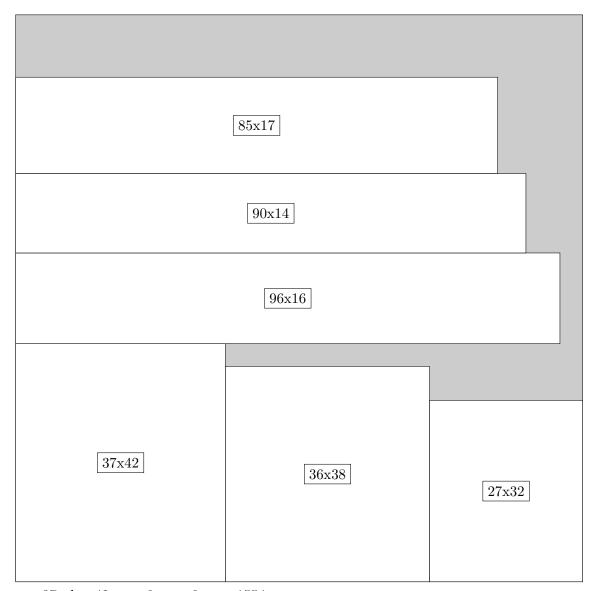
$$\le =46$$
 , h =6 , x =53 , y =92 , v =276

$$\mathbf{w}$$
 =6 , h =33 , x =75 , y =44 , v =198

$$w$$
 =25 , h =6 , x =28 , y =92 , v =150

$$\le =21$$
 , h =5 , x =79 , y =0 , v =105

$$w = 20$$
, $h = 1$, $x = 80$, $y = 5$, $v = 20$



$$w=\!37$$
 , $h=\!42$, $x=\!0$, $y=\!0$, $v=\!1554$

$$\le =96$$
 , h =16 , x =0 , y =42 , v =1536

$$\le =85$$
 , h =17 , x =0 , y =72 , v =1445

$$\le =36$$
 , h =38 , x =37 , y =0 , v =1368

$$\le =90$$
 , h =14 , x =0 , y =58 , v =1260

$$w$$
 =27 , h =32 , x =73 , y =0 , v =864