${\bf ClassName:}\ {\bf Class\_10.2bp\text{-}35}$ 

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>130000</u> InS: <u>122105</u> Rate: <u>0.939</u> UB: <u>13</u> LB0: <u>13</u>

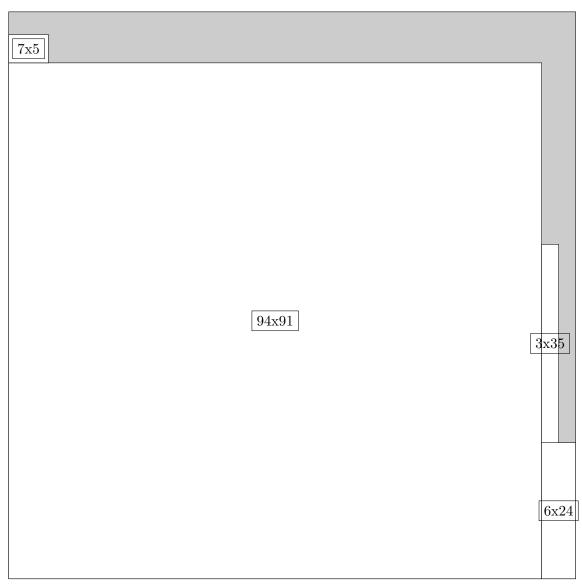
LB:  $\underline{\mathbf{13}}$ LBWithCut:  $\underline{\mathbf{13}}$ NodeCut:  $\underline{\mathbf{0}}$ 

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

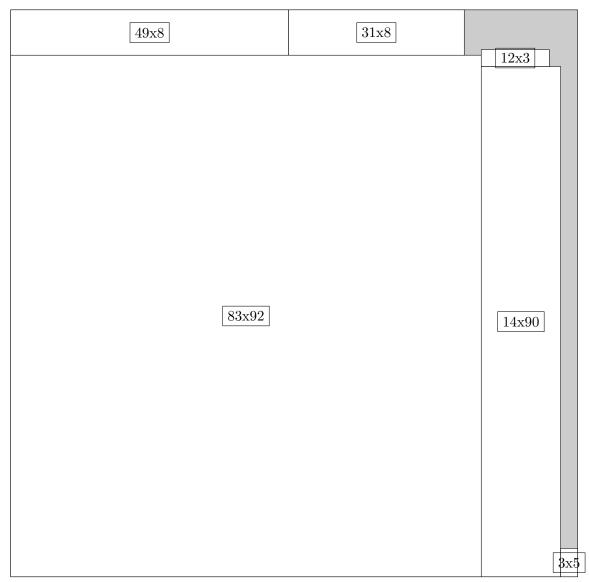
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{13}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{{\rm 1.850~s}} \\ {\rm TimeOnPrimal:} \ \underline{{\rm 0.000~s}} \\ {\rm TimeOnPricing:} \ \underline{{\rm 0.000~s}} \\ {\rm TimeOnRmp:} \ \underline{{\rm 0.062~s}} \\ {\rm TotalTime:} \ \underline{{\rm 1.975~s}} \end{array}$ 



 $\begin{array}{l} w = 94 \ , \ h = 91 \ , \ x = 0 \ , \ y = 0 \ , \ v = 8554 \\ w = 6 \ , \ h = 24 \ , \ x = 94 \ , \ y = 0 \ , \ v = 144 \\ w = 3 \ , \ h = 35 \ , \ x = 94 \ , \ y = 24 \ , \ v = 105 \\ w = 7 \ , \ h = 5 \ , \ x = 0 \ , \ y = 91 \ , \ v = 35 \end{array}$ 



$$w=\!83$$
 ,  $h=\!92$  ,  $x=\!0$  ,  $y=\!0$  ,  $v=\!7636$ 

$$\le =14$$
 , h =90 , x =83 , y =0 , v =1260

$$\le =49$$
 , h =8 , x =0 , y =92 , v =392

$$\le =31$$
 , h =8 , x =49 , y =92 , v =248

$$\le =12$$
 , h =3 , x =83 , y =90 , v =36

$$\le =3$$
 , h =  
5 , x =  
97 , y =  
0 , v =  
15

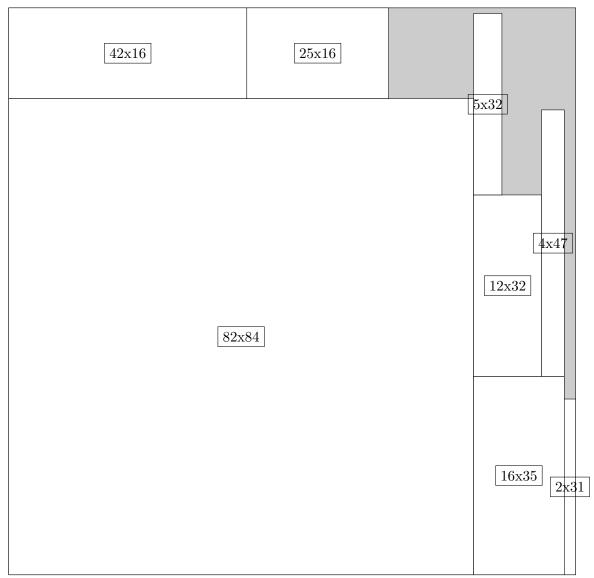
38x31	32x31	
	85x68	12x86

$$w$$
 =85 ,  $h$  =68 ,  $x$  =0 ,  $y$  =0 ,  $v$  =5780

$$\le =38$$
 , h =31 , x =0 , y =68 , v =1178

$$\le =12$$
 , h =  
86 , x =  
88 , y =  
0 , v =  
1032

$$\le =32$$
 , h =31 , x =38 , y =68 , v =992



$$\le =82$$
 , h =84 , x =0 , y =0 , v =6888

$$\le =42$$
 ,  $h=16$  ,  $x=0$  ,  $y=84$  ,  $v=672$ 

$$w = 16$$
,  $h = 35$ ,  $x = 82$ ,  $y = 0$ ,  $v = 560$ 

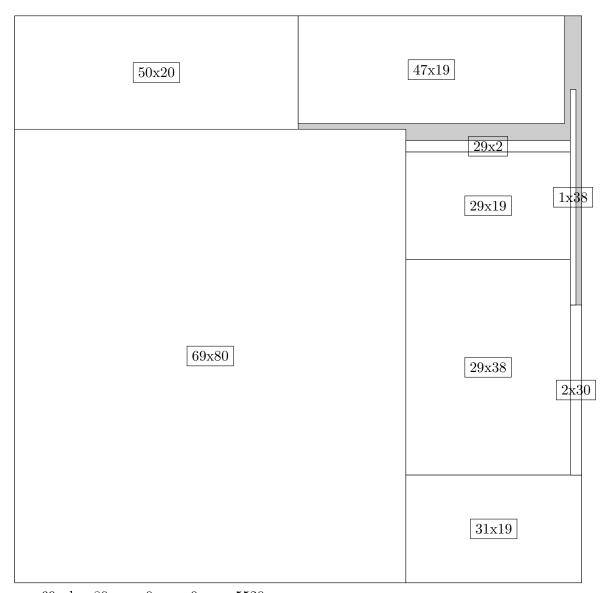
$$w = 25$$
,  $h = 16$ ,  $x = 42$ ,  $y = 84$ ,  $v = 400$ 

$$w$$
 =12 , h =32 , x =82 , y =35 , v =384

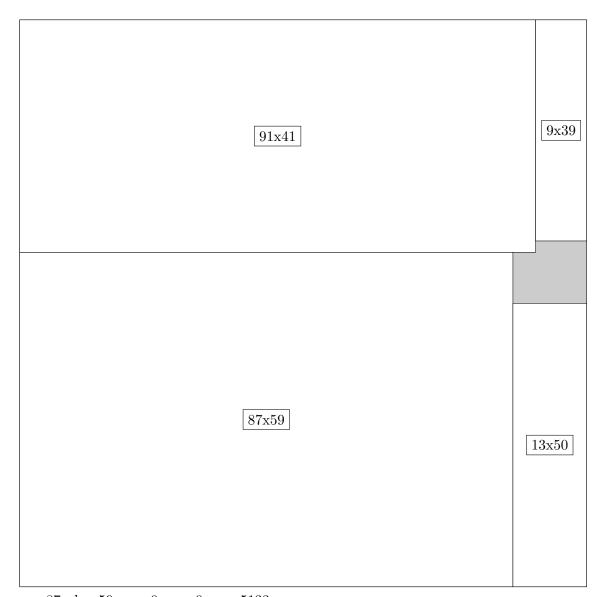
$$w=\!4$$
 ,  $h=\!47$  ,  $x=\!94$  ,  $y=\!35$  ,  $v=\!188$ 

$$w$$
 =5 , h =32 , x =82 , y =67 , v =160

$$\mathbf{w}$$
 =2 , h =31 , x =98 , y =0 , v =62



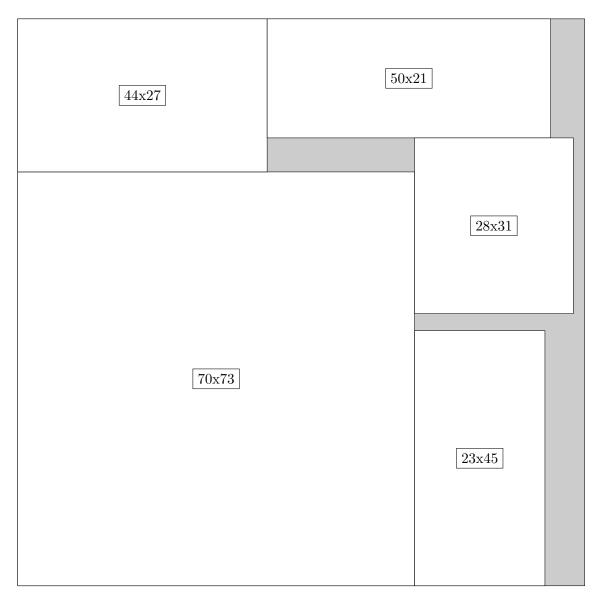
$$\begin{array}{l} w=69\;,\; h=80\;,\; x=0\;,\; y=0\;,\; v=5520\\ w=29\;,\; h=38\;,\; x=69\;,\; y=19\;,\; v=1102\\ w=50\;,\; h=20\;,\; x=0\;,\; y=80\;,\; v=1000\\ w=47\;,\; h=19\;,\; x=50\;,\; y=81\;,\; v=893\\ w=31\;,\; h=19\;,\; x=69\;,\; y=0\;,\; v=589\\ w=29\;,\; h=19\;,\; x=69\;,\; y=57\;,\; v=551\\ w=2\;,\; h=30\;,\; x=98\;,\; y=19\;,\; v=60\\ w=29\;,\; h=2\;,\; x=69\;,\; y=76\;,\; v=58\\ w=1\;,\; h=38\;,\; x=98\;,\; y=49\;,\; v=38\\ \end{array}$$



$$\begin{array}{l} w = \! 87 \; , \; h = \! 59 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 5133 \\ w = \! 91 \; , \; h = \! 41 \; , \; x = \! 0 \; , \; y = \! 59 \; , \; v = \! 3731 \end{array}$$

$$\le =13$$
 , h =50 , x =87 , y =0 , v =650

$$\le =9$$
 , h =39 , x =91 , y =61 , v =351



$$w$$
 =70 ,  $h$  =73 ,  $x$  =0 ,  $y$  =0 ,  $v$  =5110

$$\mathbf{w}=\!\!44$$
 ,  $\mathbf{h}=\!\!27$  ,  $\mathbf{x}=\!\!0$  ,  $\mathbf{y}=\!\!73$  ,  $\mathbf{v}=\!\!1188$ 

$$\le =50$$
 , h =21 , x =44 , y =79 , v =1050

$$\le =23$$
 , h =45 , x =70 , y =0 , v =1035

$$\le =28$$
 , h =31 , x =70 , y =48 , v =868

49x39	29x36	22x67
78x61		22x33

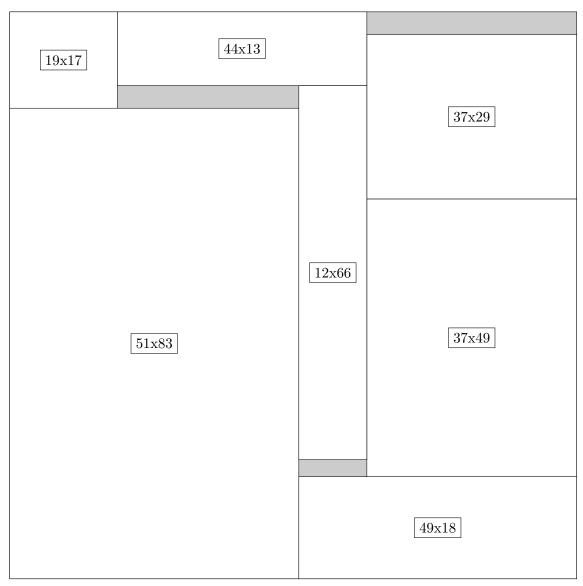
$$w = 78$$
,  $h = 61$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4758$ 

$$\le =49$$
 , h =39 , x =0 , y =61 , v =1911

$$\le =22$$
 , h =67 , x =78 , y =33 , v =1474

$$\le =29$$
 , h =36 , x =49 , y =61 , v =1044

$$\le =22$$
 , h =33 , x =78 , y =0 , v =726



$$w = 51$$
,  $h = 83$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4233$ 

$$w=\!37$$
 ,  $h=\!49$  ,  $x=\!63$  ,  $y=\!18$  ,  $v=\!1813$ 

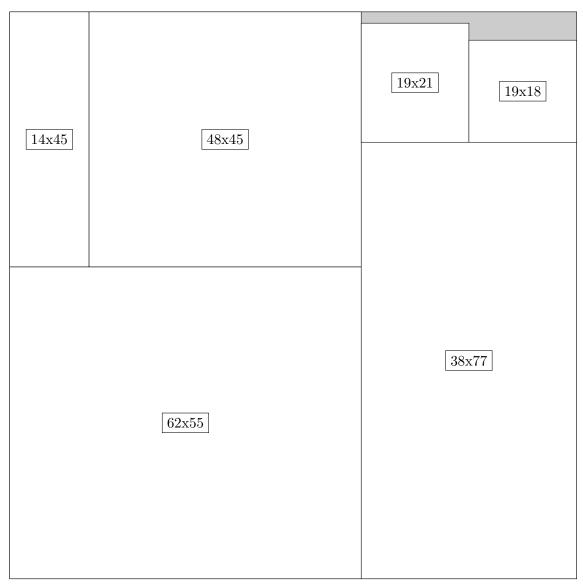
$$\le =37$$
 , h =29 , x =63 , y =67 , v =1073

$$\le =19$$
 ,  $h=17$  ,  $x=0$  ,  $y=83$  ,  $v=323$ 

$$w=\!12$$
 ,  $h=\!66$  ,  $x=\!51$  ,  $y=\!21$  ,  $v=\!792$ 

$$w$$
 =44 , h =13 , x =19 , y =87 , v =572

$$w = 49$$
,  $h = 18$ ,  $x = 51$ ,  $y = 0$ ,  $v = 882$ 



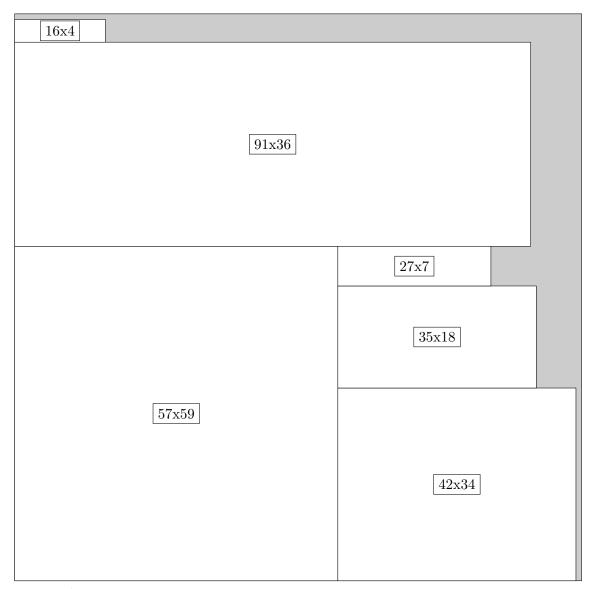
$$w = 38$$
,  $h = 77$ ,  $x = 62$ ,  $y = 0$ ,  $v = 2926$ 

$$\le =48$$
 ,  $h=45$  ,  $x=14$  ,  $y=55$  ,  $v=2160$ 

$$\le =62$$
 ,  $h=55$  ,  $x=0$  ,  $y=0$  ,  $v=3410$ 

$$w=\!19$$
 ,  $h=\!21$  ,  $x=\!62$  ,  $y=\!77$  ,  $v=\!399$ 

$$w=\!19$$
 ,  $h=\!18$  ,  $x=\!81$  ,  $y=\!77$  ,  $v=\!342$ 



$$\le =57$$
 , h =59 , x =0 , y =0 , v =3363

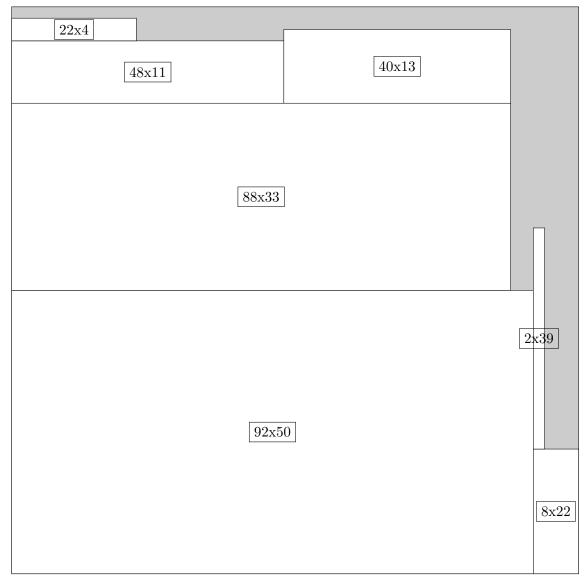
$$\le =91$$
 , h =36 , x =0 , y =59 , v =3276

$$\le =42$$
 , h =34 , x =57 , y =0 , v =1428

$$\le =35$$
 , h =18 , x =57 , y =34 , v =630

$$w$$
 =27 , h =7 , x =57 , y =52 , v =189

$$\mathbf{w}$$
 =16 ,  $\mathbf{h}$  =4 ,  $\mathbf{x}$  =0 ,  $\mathbf{y}$  =95 ,  $\mathbf{v}$  =64



$$w = 92$$
,  $h = 50$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4600$ 

$$w = 88$$
,  $h = 33$ ,  $x = 0$ ,  $y = 50$ ,  $v = 2904$ 

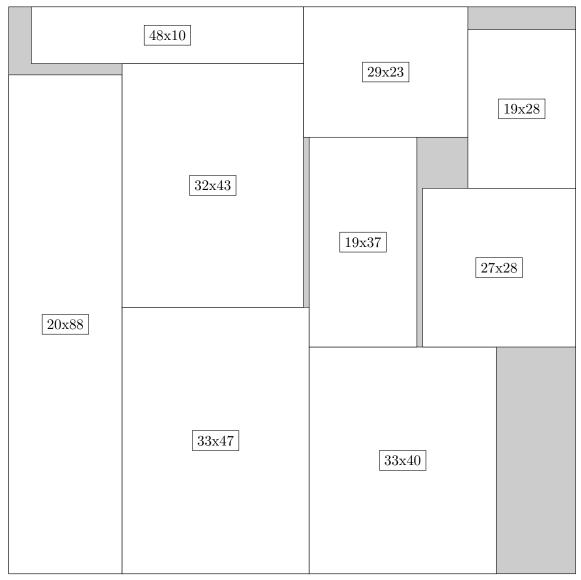
$$\le =48$$
 ,  $h$  =11 ,  $x$  =0 ,  $y$  =83 ,  $v$  =528

$$\le =40$$
 ,  $h=13$  ,  $x=48$  ,  $y=83$  ,  $v=520$ 

$$\le =8$$
 , h =22 , x =92 , y =0 , v =176

$$w=22$$
 ,  $h=4$  ,  $x=0$  ,  $y=94$  ,  $v=88$ 

$$\mathbf{w}$$
 =2 , h =39 , x =92 , y =22 , v =78



$$\le =20$$
 ,  $h=88$  ,  $x=0$  ,  $y=0$  ,  $v=1760$ 

$$\le =33$$
 ,  $h=47$  ,  $x=20$  ,  $y=0$  ,  $v=1551$ 

$$\le =32$$
 ,  $h=43$  ,  $x=20$  ,  $y=47$  ,  $v=1376$ 

$$\le =33$$
 , h =40 , x =53 , y =0 , v =1320

$$\le =27$$
 ,  $h=28$  ,  $x=73$  ,  $y=40$  ,  $v=756$ 

$$w$$
 =19 , h =37 , x =53 , y =40 , v =703

$$w = 29$$
,  $h = 23$ ,  $x = 52$ ,  $y = 77$ ,  $v = 667$ 

$$w = 19$$
,  $h = 28$ ,  $x = 81$ ,  $y = 68$ ,  $v = 532$ 

$$w = 48$$
,  $h = 10$ ,  $x = 4$ ,  $y = 90$ ,  $v = 480$