${\bf ClassName:}~{\bf Class\_10.2bp\text{-}40}$ 

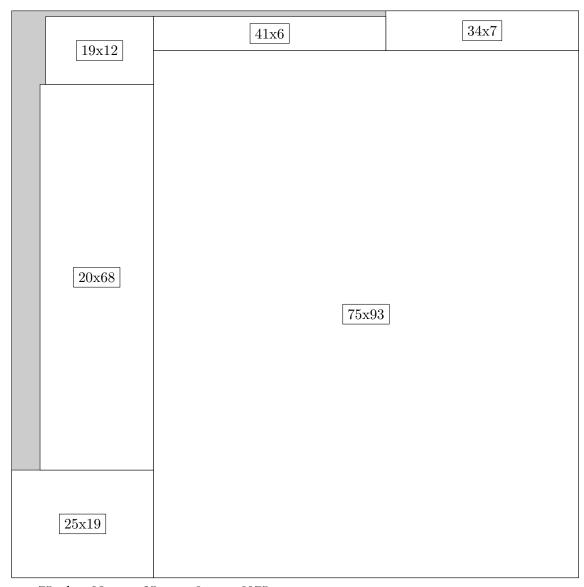
BinSize:  $\underline{100 \times 100}$ ReduceSize:  $\underline{100 \times 100}$ 

TypeNum: <u>98</u>
Num: <u>100</u>
OutS: <u>140000</u>
InS: <u>135996</u>
Rate: <u>0.971</u>
UB: <u>14</u>
LB: <u>14</u>

LBWithCut:  $\underline{14}$ NodeCount:  $\underline{0}$ PrimalNode:  $\underline{0}$ ColumnCount:  $\underline{14}$ TotalCutCount:  $\underline{0}$ RootCutCount:  $\underline{0}$ LPSolverCnt:  $\underline{1}$ PricingSolverCnt:  $\underline{0}$ BranchAndBoundNum:  $\underline{1}$ 

isOpt: **true** 

 $\begin{array}{ll} \text{TimeOnPrimal: } \underline{0.000 \text{ s}} \\ \text{TimeOnPricing: } \underline{0.000 \text{ s}} \\ \text{TimeOnRmp: } \underline{0.063 \text{ s}} \\ \text{TotalTime: } \underline{0.219 \text{ s}} \end{array}$ 



$$\le =75$$
 , h =93 , x =25 , y =0 , v =6975

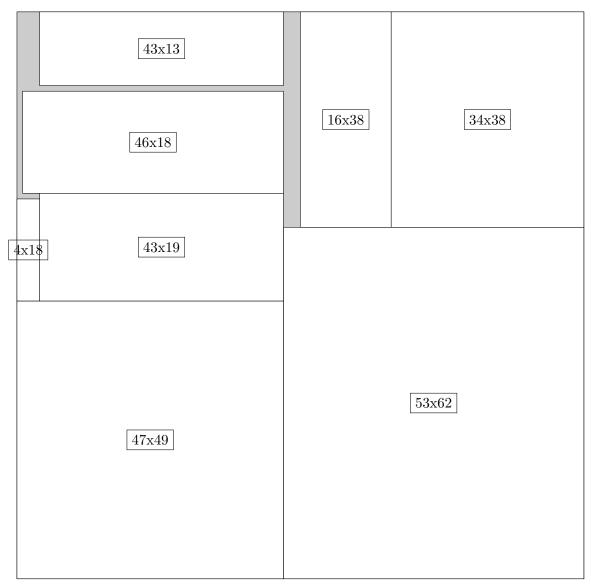
$$\le =34$$
 , h =7 , x =66 , y =93 , v =238

$$\le =41$$
 , h =6 , x =25 , y =93 , v =246

$$\le =25$$
 , h =19 , x =0 , y =0 , v =475

$$\le =20$$
 , h =68 , x =5 , y =19 , v =1360

$$\le =19$$
 ,  $h=12$  ,  $x=6$  ,  $y=87$  ,  $v=228$ 



$$w = 53$$
,  $h = 62$ ,  $x = 47$ ,  $y = 0$ ,  $v = 3286$ 

$$\le 34$$
 , h =38 , x =66 , y =62 , v =1292

$$\le =16$$
 ,  $h=38$  ,  $x=50$  ,  $y=62$  ,  $v=608$ 

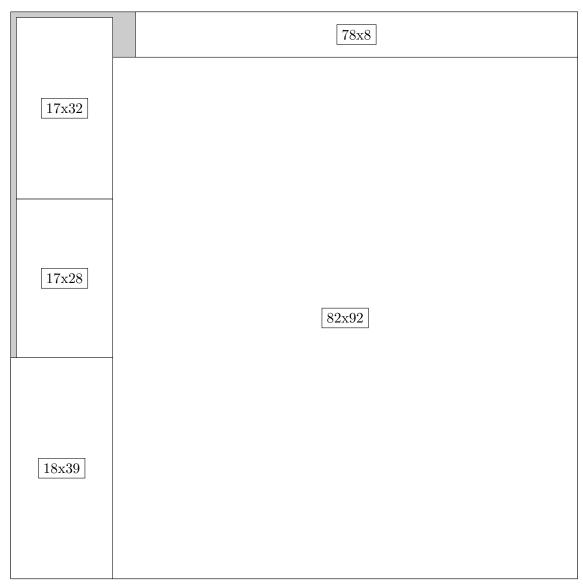
$$w = 47$$
,  $h = 49$ ,  $x = 0$ ,  $y = 0$ ,  $v = 2303$ 

$$\mathbf{w}$$
 =43 , h =19 , x =4 , y =49 , v =817

$$\mathbf{w}=\!\!4$$
 ,  $\mathbf{h}=\!\!18$  ,  $\mathbf{x}=\!\!0$  ,  $\mathbf{y}=\!\!49$  ,  $\mathbf{v}=\!\!72$ 

$$\le =46$$
 ,  $h=18$  ,  $x=1$  ,  $y=68$  ,  $v=828$ 

$$\le =43$$
 , h =13 , x =4 , y =87 , v =559



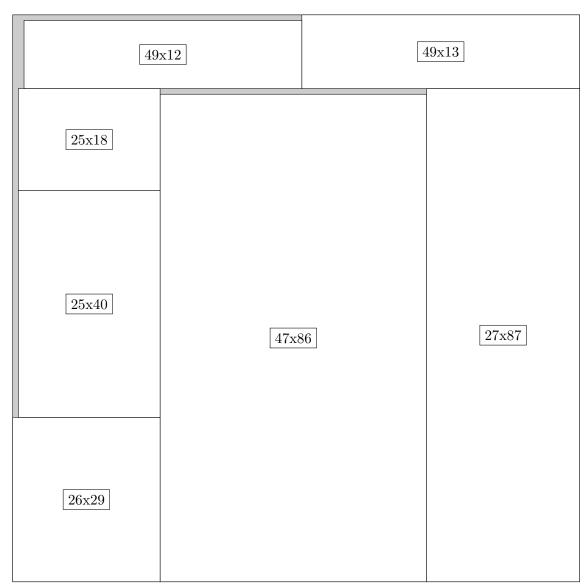
$$w = 82$$
,  $h = 92$ ,  $x = 18$ ,  $y = 0$ ,  $v = 7544$ 

$$\mathbf{w}$$
 =78 ,  $\mathbf{h}$  =8 ,  $\mathbf{x}$  =22 ,  $\mathbf{y}$  =92 ,  $\mathbf{v}$  =624

$$\mathbf{w}$$
 =18 , h =39 , x =0 , y =0 , v =702

$$\le =17$$
 , h =28 , x =1 , y =39 , v =476

$$w = 17$$
,  $h = 32$ ,  $x = 1$ ,  $y = 67$ ,  $v = 544$ 



$$w$$
 =27 , h =87 , x =73 , y =0 , v =2349

$$\mathbf{w}$$
 =47 , h =86 , x =26 , y =0 , v =4042

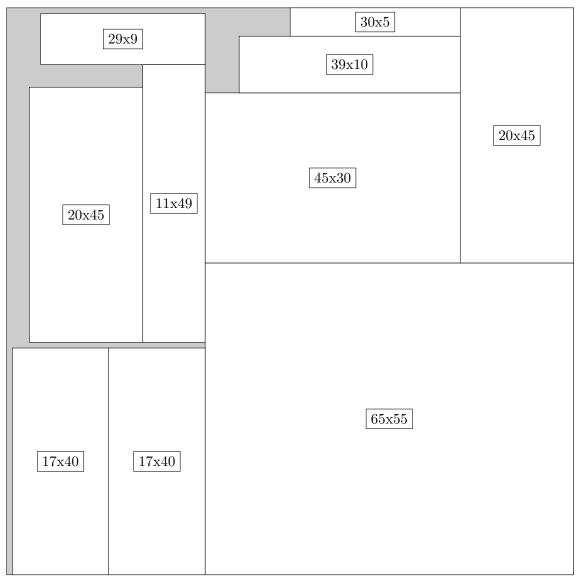
$$\mathbf{w}$$
 =26 , h =29 , x =0 , y =0 , v =754

$$\le =25$$
 , h =40 , x =1 , y =29 , v =1000

$$\le =25$$
 ,  $h=18$  ,  $x=1$  ,  $y=69$  ,  $v=450$ 

$$\le =49$$
 ,  $h=13$  ,  $x=51$  ,  $y=87$  ,  $v=637$ 

$$\mathbf{w}$$
 =49 , h =12 , x =2 , y =87 , v =588



$$w = 65$$
,  $h = 55$ ,  $x = 35$ ,  $y = 0$ ,  $v = 3575$ 

$$w$$
 =20 , h =45 , x =80 , y =55 , v =900

$$\le =45$$
 ,  $h=30$  ,  $x=35$  ,  $y=55$  ,  $v=1350$ 

$$w=\!39$$
 ,  $h=\!10$  ,  $x=\!41$  ,  $y=\!85$  ,  $v=\!390$ 

$$\le =30$$
 ,  $h=5$  ,  $x=\!50$  ,  $y=\!95$  ,  $v=\!150$ 

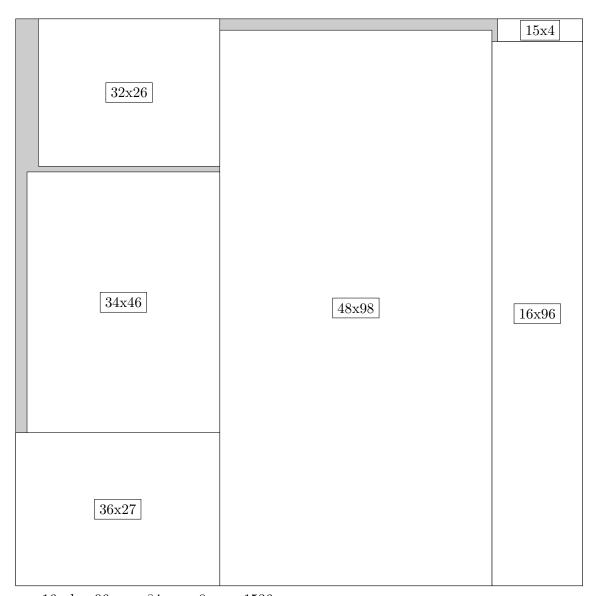
$$\le =17$$
 ,  $h=\!40$  ,  $x=\!18$  ,  $y=\!0$  ,  $v=\!680$ 

$$w = 17$$
,  $h = 40$ ,  $x = 1$ ,  $y = 0$ ,  $v = 680$ 

$$w = 11$$
,  $h = 49$ ,  $x = 24$ ,  $y = 41$ ,  $v = 539$ 

$$w = 20$$
,  $h = 45$ ,  $x = 4$ ,  $y = 41$ ,  $v = 900$ 

$$w = 29$$
,  $h = 9$ ,  $x = 6$ ,  $y = 90$ ,  $v = 261$ 



$$\le =16$$
 , h =96 , x =84 , y =0 , v =1536

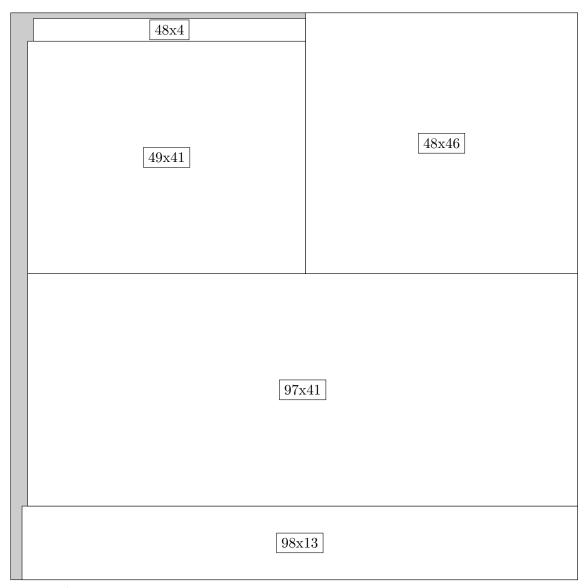
$$\le =15$$
 ,  $h=4$  ,  $x=85$  ,  $y=96$  ,  $v=60$ 

$$\mathbf{w}$$
 =48 , h =98 , x =36 , y =0 , v =4704

$$\le =36$$
 , h =27 , x =0 , y =0 , v =972

$$w=\!34$$
 ,  $h=\!46$  ,  $x=\!2$  ,  $y=\!27$  ,  $v=\!1564$ 

$$\le =32$$
 ,  $h=26$  ,  $x=4$  ,  $y=74$  ,  $v=832$ 



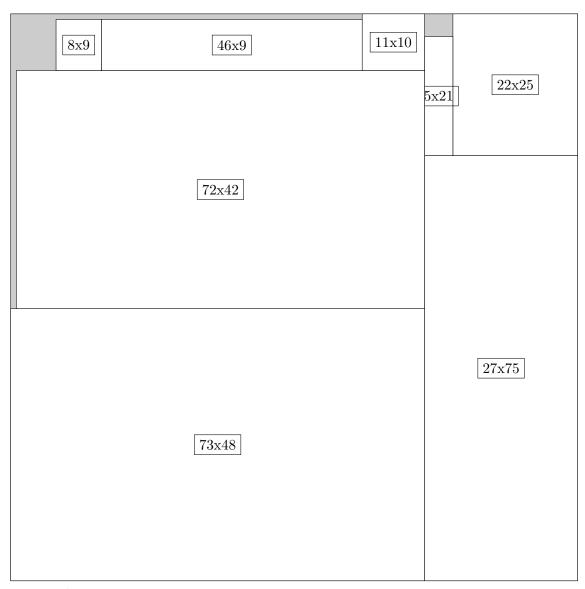
$$\le =98$$
 , h =13 , x =2 , y =0 , v =1274

$$\le =97$$
 , h =41 , x =3 , y =13 , v =3977

$$w$$
 =48 ,  $h$  =46 ,  $x$  =52 ,  $y$  =54 ,  $v$  =2208

$$w = 49$$
,  $h = 41$ ,  $x = 3$ ,  $y = 54$ ,  $v = 2009$ 

$$w = 48$$
,  $h = 4$ ,  $x = 4$ ,  $y = 95$ ,  $v = 192$ 



$$\begin{array}{l} w=27 \;,\; h=75 \;,\; x=73 \;,\; y=0 \;,\; v=2025 \\ w=22 \;,\; h=25 \;,\; x=78 \;,\; y=75 \;,\; v=550 \\ w=5 \;,\; h=21 \;,\; x=73 \;,\; y=75 \;,\; v=105 \\ w=73 \;,\; h=48 \;,\; x=0 \;,\; y=0 \;,\; v=3504 \\ w=72 \;,\; h=42 \;,\; x=1 \;,\; y=48 \;,\; v=3024 \\ w=11 \;,\; h=10 \;,\; x=62 \;,\; y=90 \;,\; v=110 \\ w=46 \;,\; h=9 \;,\; x=16 \;,\; y=90 \;,\; v=414 \\ w=8 \;,\; h=9 \;,\; x=8 \;,\; y=90 \;,\; v=72 \end{array}$$

33x3 44x18	41x21	
$\boxed{94\text{x}77}$		6x98

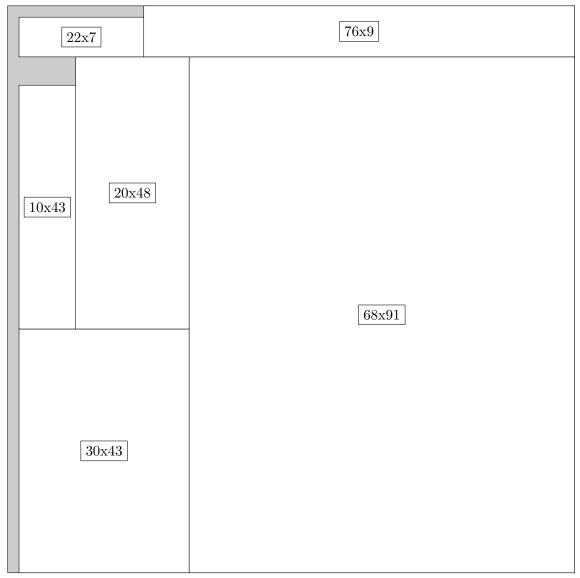
$$w$$
 =6 ,  $h$  =98 ,  $x$  =94 ,  $y$  =0 ,  $v$  =588

$$\le =94$$
 ,  $h$  =77 ,  $x$  =0 ,  $y$  =0 ,  $v$  =7238

$$\le =41$$
 , h =21 , x =53 , y =77 , v =861

$$\mathbf{w}$$
 =44 , h =18 , x =9 , y =77 , v =792

$$\le =33$$
 , h =3 , x =20 , y =95 , v =99



$$w = 68$$
,  $h = 91$ ,  $x = 32$ ,  $y = 0$ ,  $v = 6188$ 

$$\le =30$$
 , h =43 , x =2 , y =0 , v =1290

$$\le =20$$
 , h =48 , x =12 , y =43 , v =960

$$\mathbf{w}$$
 =10 , h =43 , x =2 , y =43 , v =430

$$w$$
 =76 , h =9 , x =24 , y =91 , v =684

$$\le =22$$
 , h =7 , x =2 , y =91 , v =154

66x4	
	29x10
	29x41
71x96	
	29x49

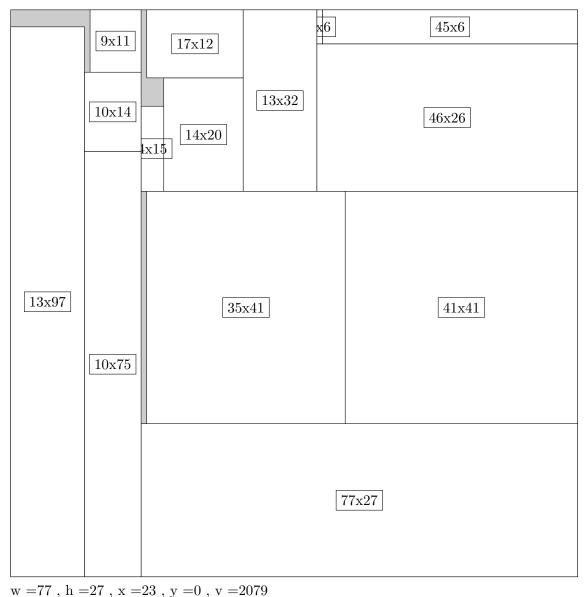
$$w = 29$$
,  $h = 49$ ,  $x = 71$ ,  $y = 0$ ,  $v = 1421$ 

$$w = 29$$
,  $h = 41$ ,  $x = 71$ ,  $y = 49$ ,  $v = 1189$ 

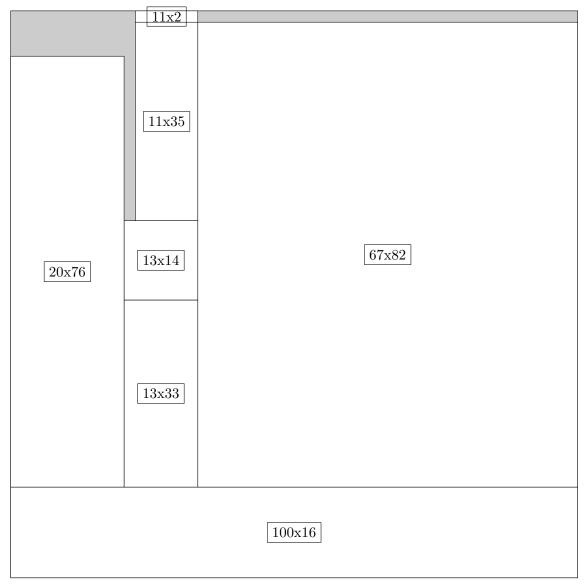
$$\le =29$$
 , h =10 , x =71 , y =90 , v =290

$$\le =71$$
 ,  $h=96$  ,  $x=0$  ,  $y=0$  ,  $v=6816$ 

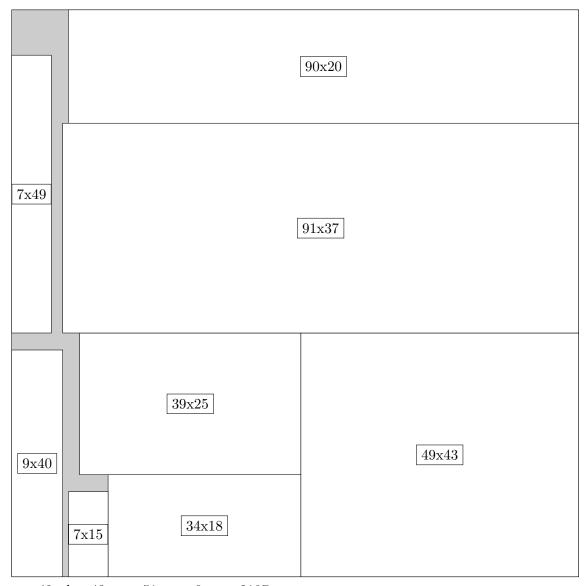
$$\le =66$$
 , h =4 , x =5 , y =96 , v =  
264



```
w = 77, h = 27, x = 23, y = 0, v = 2079
w = 41, h = 41, x = 59, y = 27, v = 1681
w = 35, h = 41, x = 24, y = 27, v = 1435
w = 46, h = 26, x = 54, y = 68, v = 1196
w = 45, h = 6, x = 55, y = 94, v = 270
w = 1, h = 6, x = 54, y = 94, v = 6
w = 13, h = 32, x = 41, y = 68, v = 416
w = 14, h = 20, x = 27, y = 68, v = 280
w = 14, h = 15, x = 23, y = 68, v = 60
w = 17, h = 12, x = 24, y = 88, v = 204
w = 10, h = 75, x = 13, y = 0, v = 750
w = 10, h = 14, x = 13, y = 75, v = 140
w = 9, h = 11, x = 14, y = 89, v = 99
w = 13, h = 97, x = 0, y = 0, v = 1261
```



```
\begin{array}{l} w=100\;,\; h=16\;,\; x=0\;,\; y=0\;,\; v=1600\\ w=67\;,\; h=82\;,\; x=33\;,\; y=16\;,\; v=5494\\ w=13\;,\; h=33\;,\; x=20\;,\; y=16\;,\; v=429\\ w=13\;,\; h=14\;,\; x=20\;,\; y=49\;,\; v=182\\ w=11\;,\; h=35\;,\; x=22\;,\; y=63\;,\; v=385\\ w=11\;,\; h=2\;,\; x=22\;,\; y=98\;,\; v=22\\ w=20\;,\; h=76\;,\; x=0\;,\; y=16\;,\; v=1520\\ \end{array}
```



$$\begin{array}{l} w = 49 \;, \; h = 43 \;, \; x = 51 \;, \; y = 0 \;, \; v = 2107 \\ w = 34 \;, \; h = 18 \;, \; x = 17 \;, \; y = 0 \;, \; v = 612 \\ w = 7 \;, \; h = 15 \;, \; x = 10 \;, \; y = 0 \;, \; v = 105 \\ w = 39 \;, \; h = 25 \;, \; x = 12 \;, \; y = 18 \;, \; v = 975 \\ w = 9 \;, \; h = 40 \;, \; x = 0 \;, \; y = 0 \;, \; v = 360 \\ w = 91 \;, \; h = 37 \;, \; x = 9 \;, \; y = 43 \;, \; v = 3367 \\ w = 90 \;, \; h = 20 \;, \; x = 10 \;, \; y = 80 \;, \; v = 1800 \\ w = 7 \;, \; h = 49 \;, \; x = 0 \;, \; y = 43 \;, \; v = 343 \end{array}$$