${\bf ClassName:}~{\bf Class_10.2bp\text{-}40}$

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> LB0: <u>14</u> LB: <u>14</u>

LBWithCut: $\underline{\mathbf{14}}$ NodeCut: $\underline{\mathbf{0}}$

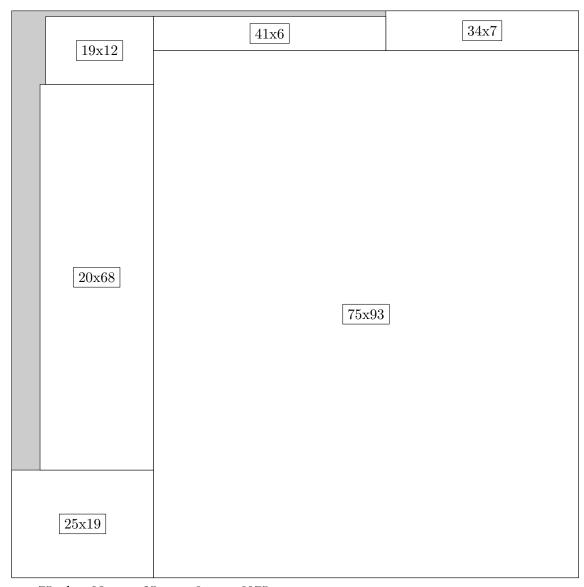
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{14}}$ 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: 600.360 s



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

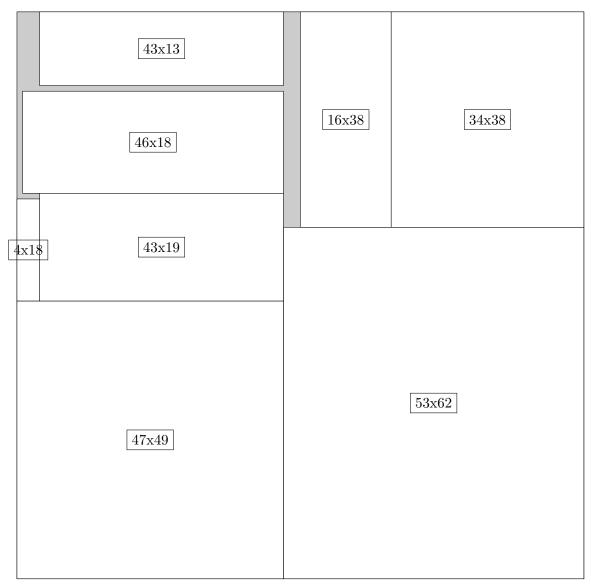
$$\le =34$$
 , h =7 , x =66 , y =93 , v =238

$$\le =41$$
 , 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

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

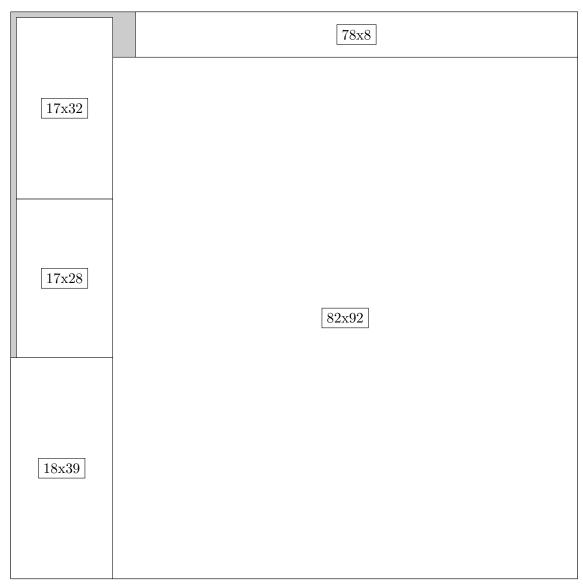
$$w = 47$$
, $h = 49$, $x = 0$, $y = 0$, $v = 2303$

$$\mathbf{w}$$
 =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



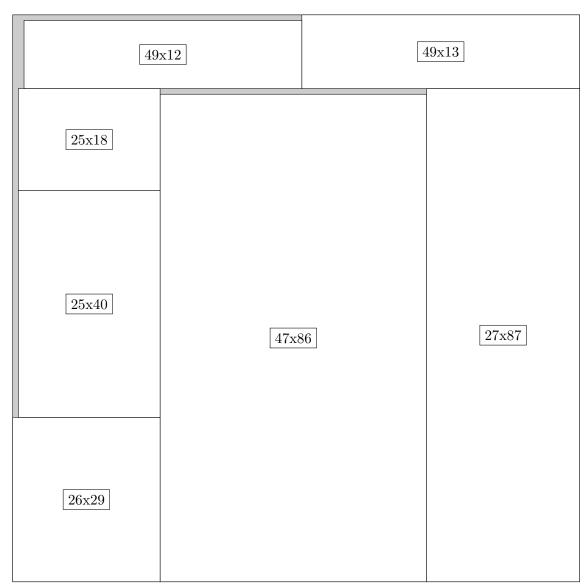
$$w = 82$$
, $h = 92$, $x = 18$, $y = 0$, $v = 7544$

$$\mathbf{w}$$
 =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

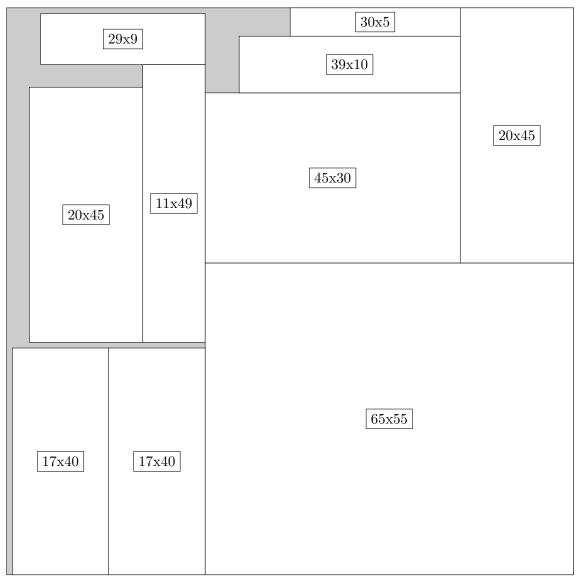
$$\mathbf{w}$$
 =26 , h =29 , x =0 , y =0 , v =754

$$\le =25$$
 , 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

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

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

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

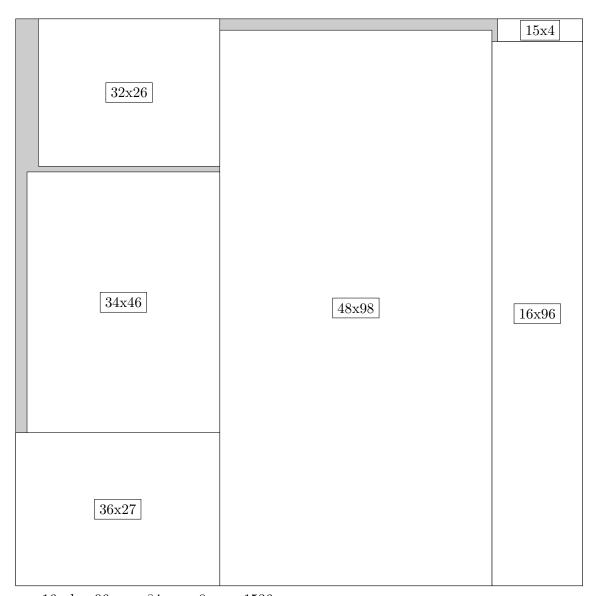
$$\le =17$$
 , $h=\!40$, $x=\!18$, $y=\!0$, $v=\!680$

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

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

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

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



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

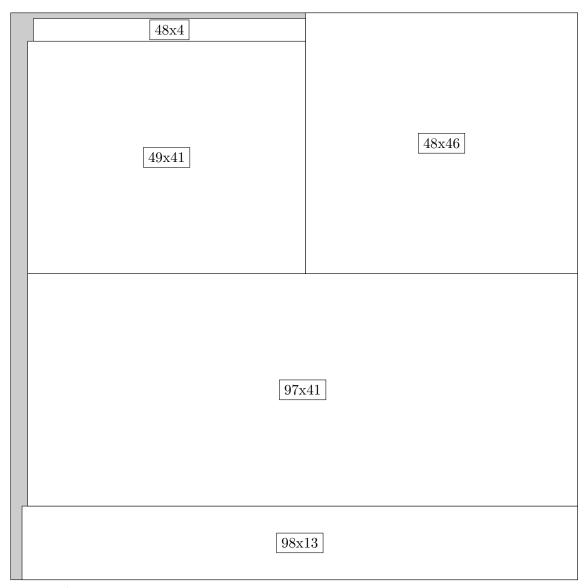
$$\le =15$$
 , $h=4$, $x=85$, $y=96$, $v=60$

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

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

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

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



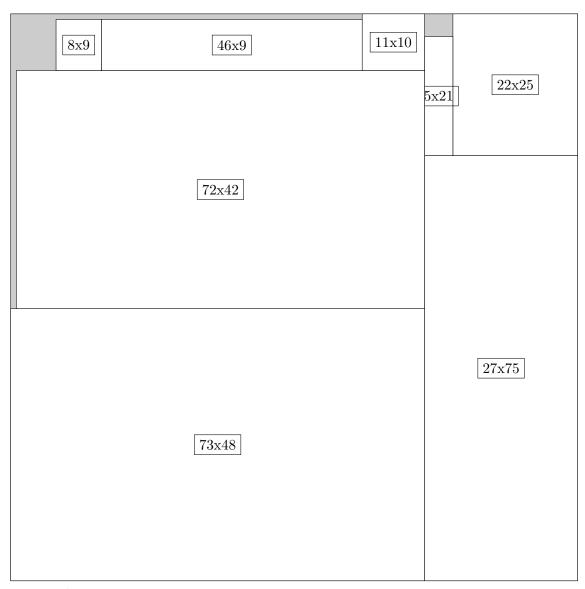
$$\le =98$$
 , h =13 , x =2 , y =0 , v =1274

$$\le =97$$
 , 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

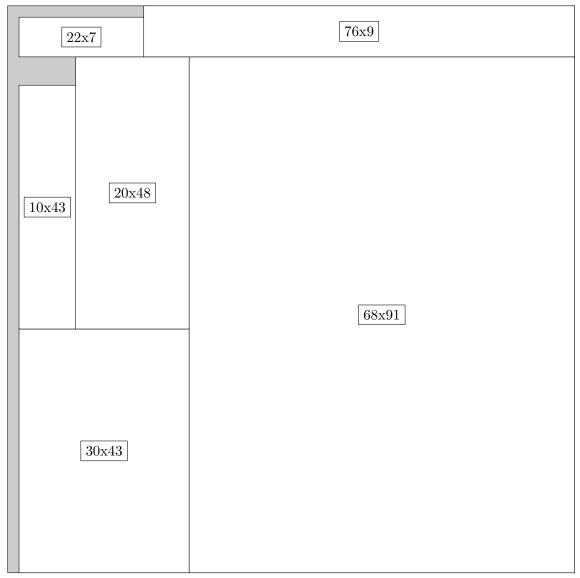
$$w$$
 =6 , h =98 , x =94 , y =0 , v =588

$$\le =94$$
 , 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

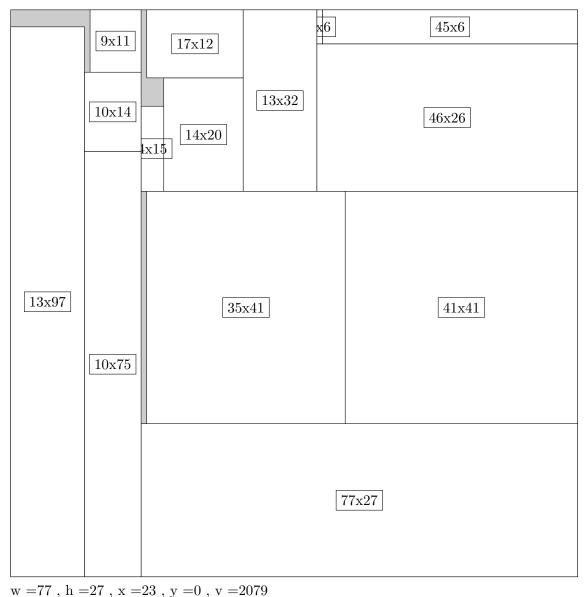
$$w = 29$$
, $h = 49$, $x = 71$, $y = 0$, $v = 1421$

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

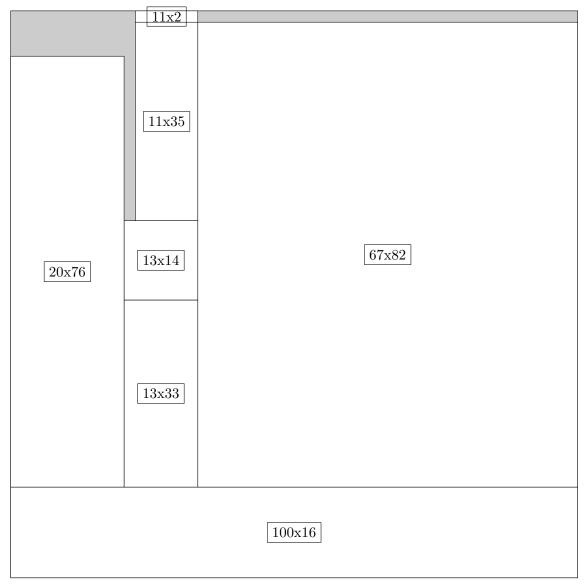
$$\le =29$$
 , h =10 , x =71 , y =90 , v =290

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

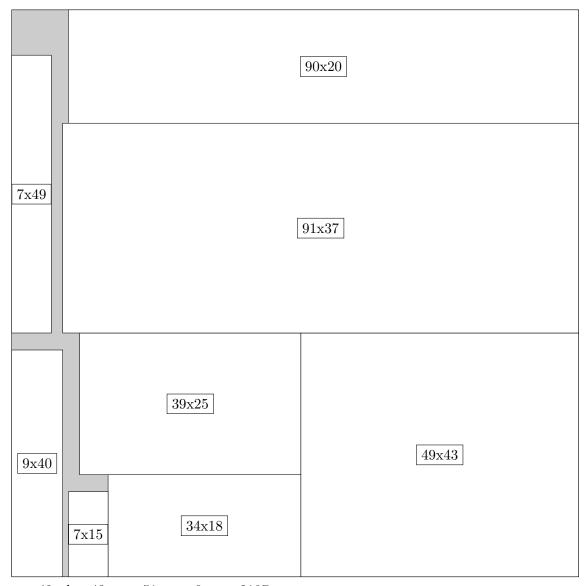
$$\le =66$$
 , h =4 , x =5 , y =96 , v =
264



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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}
```



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