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

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>

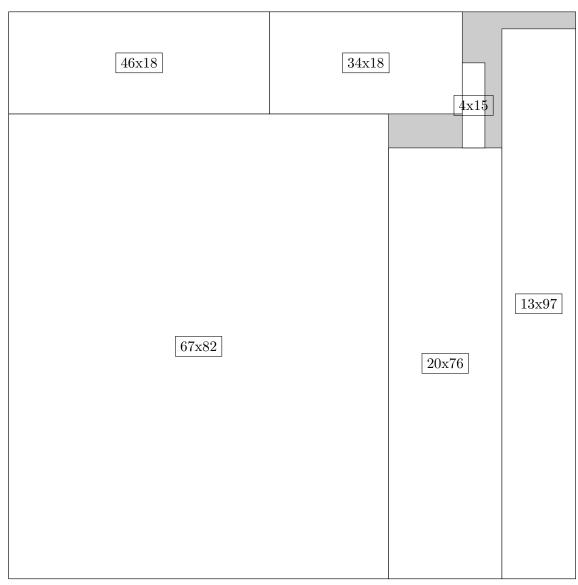
LBWithCut: $\underline{\mathbf{14}}$ NodeCut: $\underline{\mathbf{0}}$

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: <u>true</u>

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 0.157 s



$$w = 67$$
, $h = 82$, $x = 0$, $y = 0$, $v = 5494$

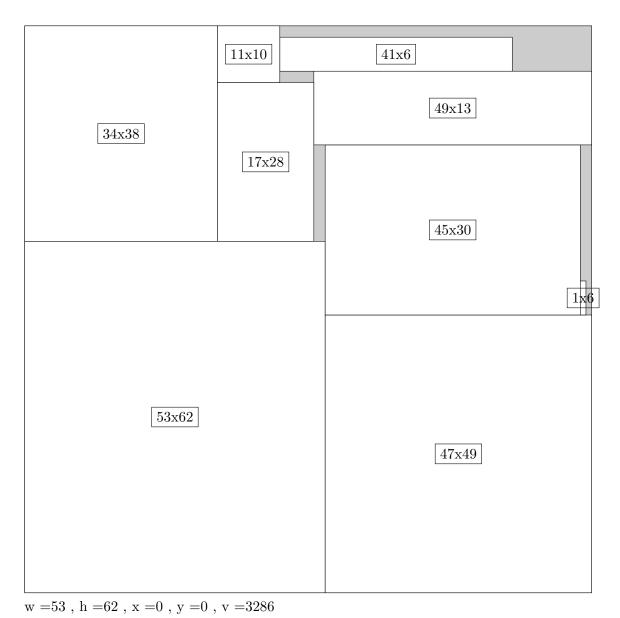
$$\le =20$$
 , h =76 , x =67 , y =0 , v =1520

$$\le =13$$
 , h =97 , x =87 , y =0 , v =1261

$$\mathbf{w}$$
 =46 , h =18 , x =0 , y =82 , v =828

$$\le =34$$
 , h =18 , x =46 , y =82 , v =612

$$\mathbf{w}$$
 =4 , h =15 , x =80 , y =76 , v =60



$$\begin{array}{l} w = \!\!47 \;,\; h = \!\!49 \;,\; x = \!\!53 \;,\; y = \!\!0 \;,\; v = \!\!2303 \\ w = \!\!45 \;,\; h = \!\!30 \;,\; x = \!\!53 \;,\; y = \!\!49 \;,\; v = \!\!1350 \\ w = \!\!34 \;,\; h = \!\!38 \;,\; x = \!\!0 \;,\; y = \!\!62 \;,\; v = \!\!1292 \\ w = \!\!49 \;,\; h = \!\!13 \;,\; x = \!\!51 \;,\; y = \!\!79 \;,\; v = \!\!637 \\ w = \!\!17 \;,\; h = \!\!28 \;,\; x = \!\!34 \;,\; y = \!\!62 \;,\; v = \!\!476 \\ w = \!\!41 \;,\; h = \!\!6 \;,\; x = \!\!45 \;,\; y = \!\!92 \;,\; v = \!\!246 \end{array}$$

$$w = 11$$
, $h = 10$, $x = 34$, $y = 90$, $v = 110$

$$\mathbf{w}$$
 =1 , h =6 , x =98 , y =49 , v =6

| 18x4 | 15x4 | 29x10 |
|----------|------|------------------|
| 71x96 | | $29\mathrm{x}49$ |
| | | 29x41 |

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

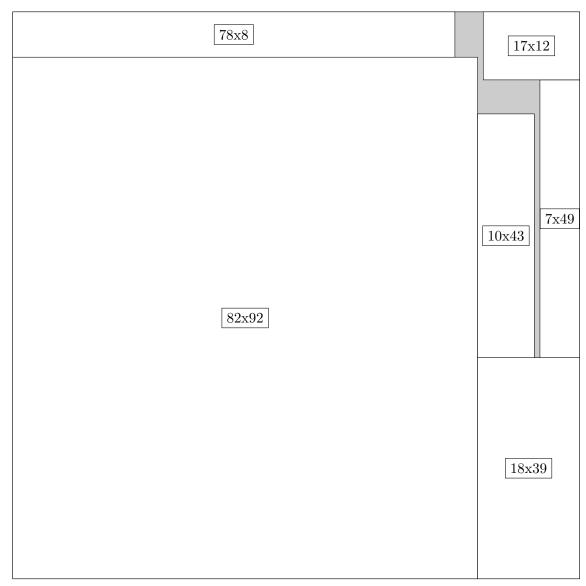
$$w=\!29$$
 , $h=\!41$, $x=\!71$, $y=\!0$, $v=\!1189$

$$\le =29$$
 , h =49 , x =71 , y =41 , v =1421

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

$$\le =15$$
 , h =4 , x =48 , y =96 , v =60

$$\le =48$$
 , h =4 , x =0 , y =96 , v =192



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

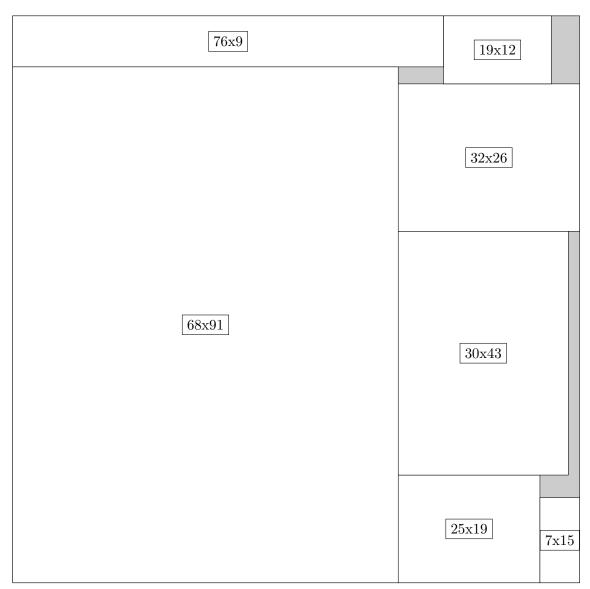
 $\le =18$, h =39 , x =82 , y =0 , v =702

 ≤ -78 , h = 8 , x = 0 , y = 92 , v = 624

 $\le =10$, h =43 , x =82 , y =39 , v =430

w =7 , h =49 , x =93 , y =39 , v =343

 $w=\!17$, $h=\!12$, $x=\!83$, $y=\!88$, $v=\!204$



$$w = 25$$
, $h = 19$, $x = 68$, $y = 0$, $v = 475$

$$\le =30$$
 , h =43 , x =68 , y =19 , v =1290

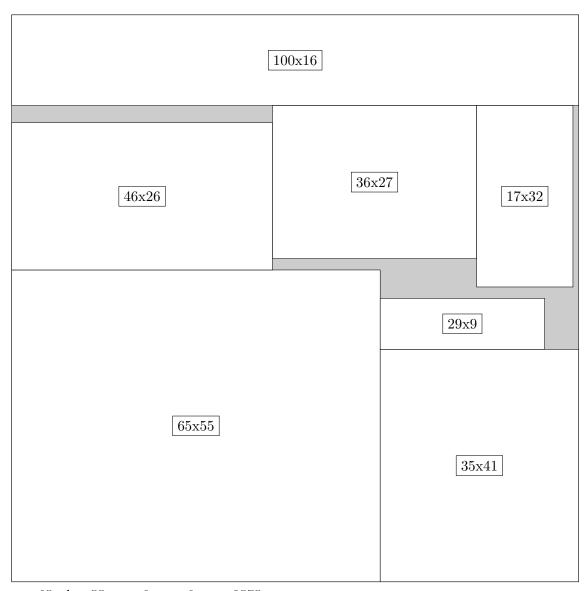
$$\le =32$$
 , $h=26$, $x=68$, $y=62$, $v=832$

$$\mathbf{w}$$
 =76 , h =9 , x =0 , y =91 , v =684

$$w$$
 =7 , h =15 , x =93 , y =0 , v =105

$$w=\!19$$
 , $h=\!12$, $x=\!76$, $y=\!88$, $v=\!228$

$$\le =68$$
 , $h=91$, $x=0$, $y=0$, $v=6188$



$$\begin{array}{l} w = \!\!65 \;, \; h = \!\!55 \;, \; x = \!\!0 \;, \; y = \!\!0 \;, \; v = \!\!3575 \\ w = \!\!100 \;, \; h = \!\!16 \;, \; x = \!\!0 \;, \; y = \!\!84 \;, \; v = \!\!1600 \end{array}$$

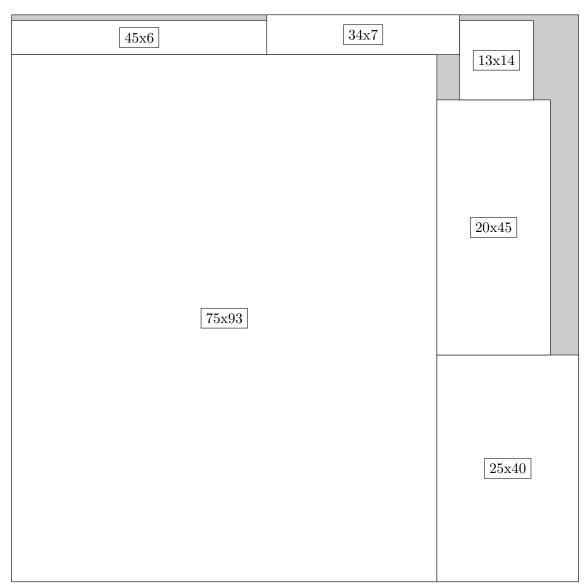
$$w = 35$$
, $h = 41$, $x = 65$, $y = 0$, $v = 1435$

$$w = 46$$
, $h = 26$, $x = 0$, $y = 55$, $v = 1196$

$$w = 36$$
, $h = 27$, $x = 46$, $y = 57$, $v = 972$

$$\le =17$$
 , h =32 , x =82 , y =52 , v =544

$$w = 29$$
, $h = 9$, $x = 65$, $y = 41$, $v = 261$



$$w = 75$$
, $h = 93$, $x = 0$, $y = 0$, $v = 6975$

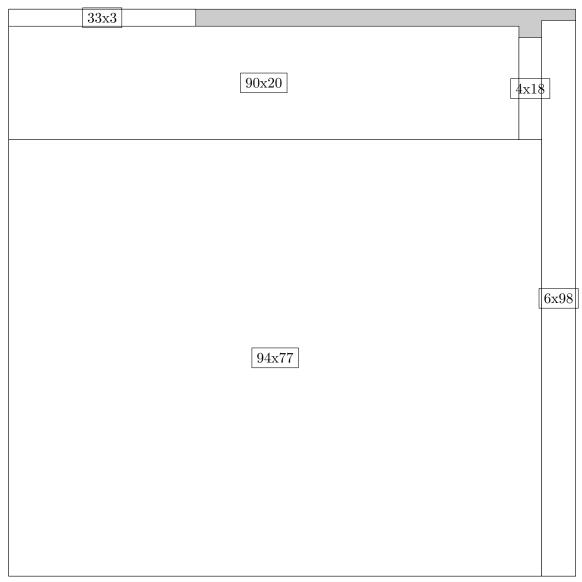
$$w$$
 =25 , h =40 , x =75 , y =0 , v =1000

$$\le =20$$
 , h =45 , x =75 , y =40 , v =900

$$\le =45$$
 , h =6 , x =0 , y =93 , v =270

$$\le =34$$
 , h =7 , x =45 , y =93 , v =238

$$w=\!13$$
 , $h=\!14$, $x=\!79$, $y=\!85$, $v=\!182$



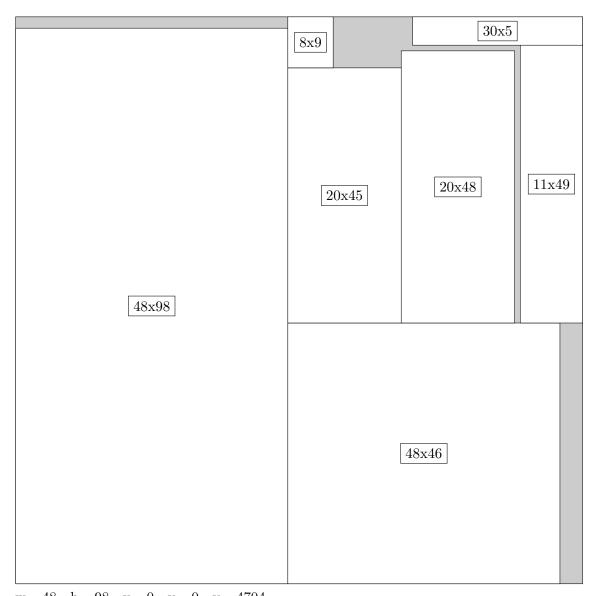
$$\le =94$$
 , h =77 , x =0 , y =0 , v =7238

$$\mathbf{w}$$
 =90 , h =20 , x =0 , y =77 , v =1800

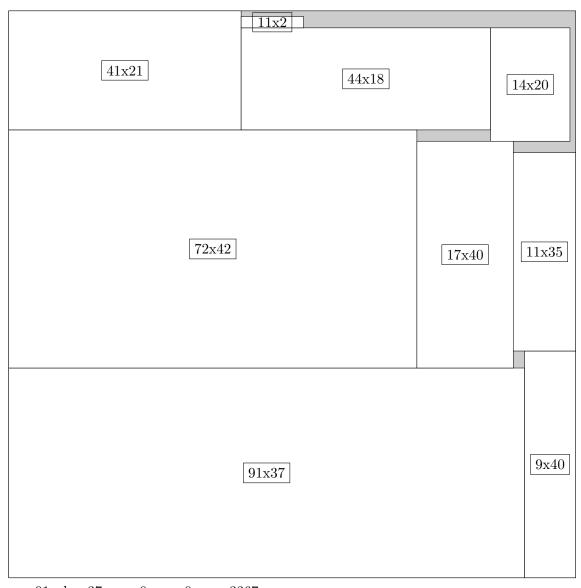
$$\mathbf{w}$$
 =6 , h =98 , x =94 , y =0 , v =588

$$\le =33$$
 , h =3 , x =0 , y =97 , v =99

$$\mathbf{w}$$
 =4 , h =18 , x =90 , y =77 , v =72



 $\begin{array}{l} w = \! 48 \; , \; h = \! 98 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4704 \\ w = \! 48 \; , \; h = \! 46 \; , \; x = \! 48 \; , \; y = \! 0 \; , \; v = \! 2208 \\ w = \! 20 \; , \; h = \! 48 \; , \; x = \! 68 \; , \; y = \! 46 \; , \; v = \! 960 \\ w = \! 11 \; , \; h = \! 49 \; , \; x = \! 89 \; , \; y = \! 46 \; , \; v = \! 539 \\ w = \! 20 \; , \; h = \! 45 \; , \; x = \! 48 \; , \; y = \! 46 \; , \; v = \! 900 \\ w = \! 30 \; , \; h = \! 5 \; , \; x = \! 70 \; , \; y = \! 95 \; , \; v = \! 150 \\ w = \! 8 \; , \; h = \! 9 \; , \; x = \! 48 \; , \; y = \! 91 \; , \; v = \! 72 \\ \end{array}$



$$w = 91$$
, $h = 37$, $x = 0$, $y = 0$, $v = 3367$
 $w = 72$, $h = 42$, $x = 0$, $y = 37$, $v = 3024$

$$w = 12$$
, $h = 42$, $x = 0$, $y = 57$, $v = 302$
 $w = 41$, $h = 21$, $x = 0$, $y = 79$, $v = 861$

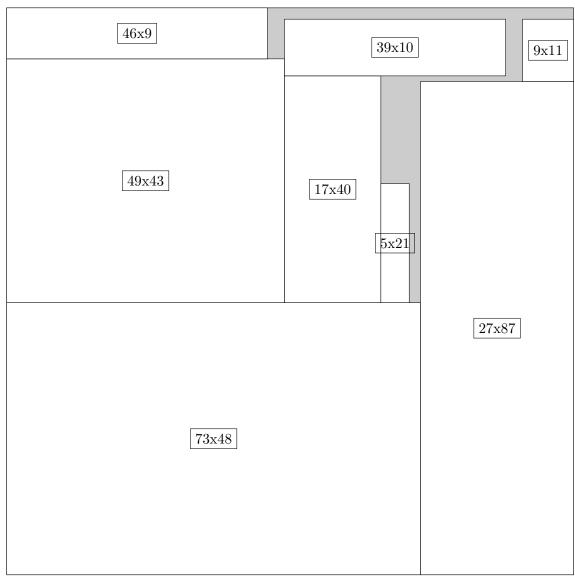
$$w = 17$$
, $h = 40$, $x = 72$, $y = 37$, $v = 680$

$$\le =9$$
 , h =40 , x =91 , y =0 , v =360

$$w = 11$$
, $h = 35$, $x = 89$, $y = 40$, $v = 385$

$$\le =14$$
 , h =20 , x =85 , y =77 , v =280

$$\mathbf{w}$$
 =11 , h =2 , x =41 , y =97 , v =22



$$w = 73$$
, $h = 48$, $x = 0$, $y = 0$, $v = 3504$

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

$$w = 49$$
, $h = 43$, $x = 0$, $y = 48$, $v = 2107$

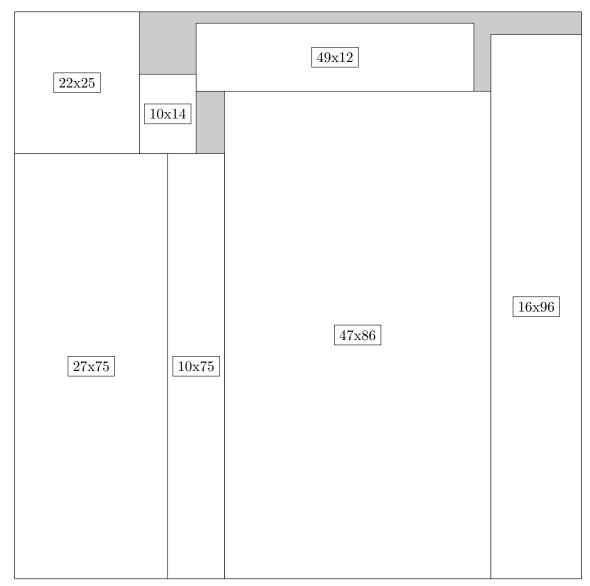
$$w = 17$$
, $h = 40$, $x = 49$, $y = 48$, $v = 680$

$$\mathbf{w}$$
 =46 , h =9 , x =0 , y =91 , v =414

$$\le =39$$
 , $h=10$, $x=49$, $y=88$, $v=390$

$$w=\!5$$
 , $h=\!21$, $x=\!66$, $y=\!48$, $v=\!105$

$$w$$
 =9 , h =11 , x =91 , y =87 , v =99



$$\le =27$$
 , h =75 , x =0 , y =0 , v =2025

$$w=\!47$$
 , $h=\!86$, $x=\!37$, $y=\!0$, $v=\!4042$

$$w = 49$$
, $h = 12$, $x = 32$, $y = 86$, $v = 588$

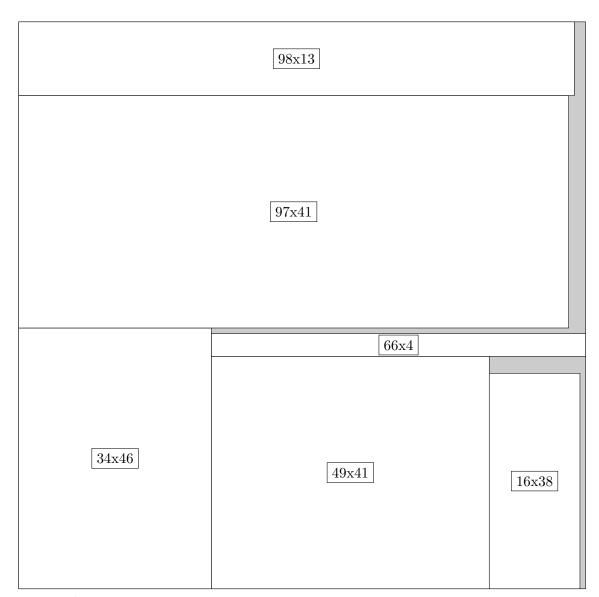
$$\le =22$$
 , h =25 , x =0 , y =75 , v =550

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

$$w = 10$$
, $h = 14$, $x = 22$, $y = 75$, $v = 140$



$$\begin{array}{l} w=77 \;,\; h=27 \;,\; x=0 \;,\; y=0 \;,\; v=2079 \\ w=41 \;,\; h=41 \;,\; x=0 \;,\; y=27 \;,\; v=1681 \\ w=13 \;,\; h=33 \;,\; x=41 \;,\; y=52 \;,\; v=429 \\ w=20 \;,\; h=68 \;,\; x=80 \;,\; y=7 \;,\; v=1360 \\ w=39 \;,\; h=25 \;,\; x=41 \;,\; y=27 \;,\; v=975 \\ w=43 \;,\; h=19 \;,\; x=57 \;,\; y=81 \;,\; v=817 \\ w=26 \;,\; h=29 \;,\; x=54 \;,\; y=52 \;,\; v=754 \\ w=43 \;,\; h=13 \;,\; x=13 \;,\; y=86 \;,\; v=559 \\ w=25 \;,\; h=18 \;,\; x=13 \;,\; y=68 \;,\; v=450 \\ w=13 \;,\; h=32 \;,\; x=0 \;,\; y=68 \;,\; v=416 \\ w=22 \;,\; h=7 \;,\; x=77 \;,\; y=0 \;,\; v=154 \\ \end{array}$$



$$\le =34$$
 , h =46 , x =0 , y =0 , v =1564

$$\le =97$$
 , h =41 , x =0 , y =46 , v =3977

$$\le =49$$
 , h =41 , x =34 , y =0 , v =2009

$$\le =98$$
 , h =13 , x =0 , y =87 , v =1274

$$\mathbf{w}$$
 =16 , h =38 , x =83 , y =0 , v =608

$$\mathbf{w}$$
 =66 , h =4 , x =34 , y =41 , v =264