$ClassName: \ Class_10.2bp\text{-}34$

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

TypeNum: <u>79</u> Num: <u>80</u> OutS: <u>140000</u> InS: <u>127223</u> Rate: <u>0.909</u> UB: <u>14</u> LB0: <u>14</u>

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

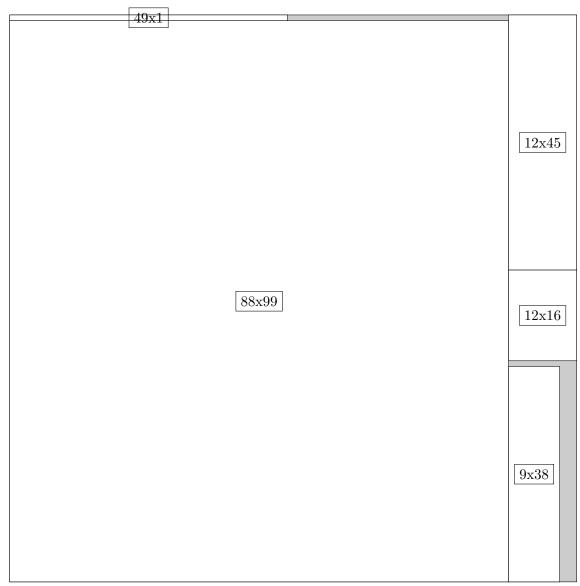
LB: **14**

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

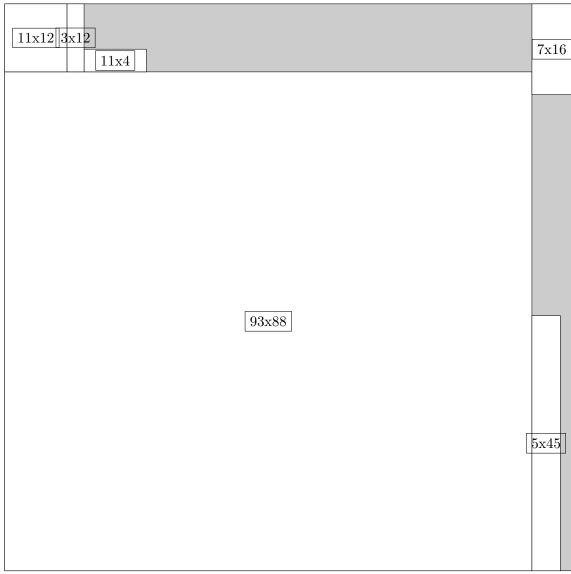
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{14}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

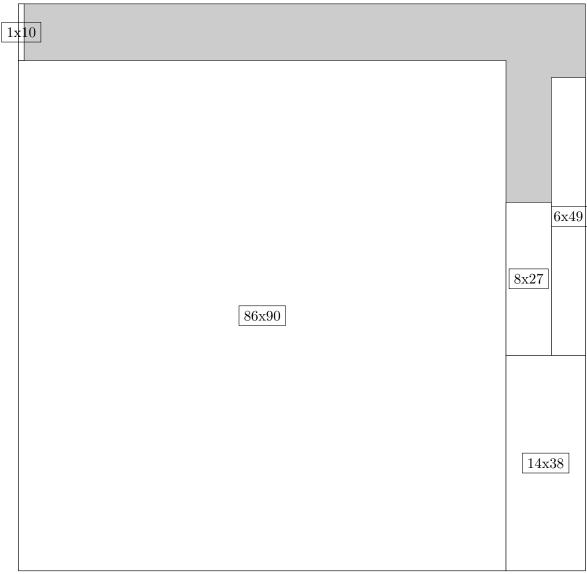
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.260 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.062 \ s} \\ {\rm TotalTime:} \ \underline{0.417 \ s} \\ \end{array}$



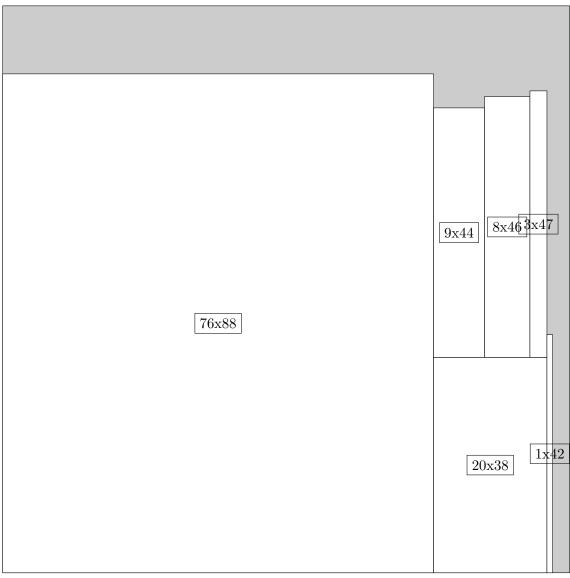
$$\begin{array}{l} w = \! 88 \;,\; h = \! 99 \;,\; x = \! 0 \;,\; y = \! 0 \;,\; v = \! 8712 \\ w = \! 12 \;,\; h = \! 45 \;,\; x = \! 88 \;,\; y = \! 55 \;,\; v = \! 540 \\ w = \! 9 \;,\; h = \! 38 \;,\; x = \! 88 \;,\; y = \! 0 \;,\; v = \! 342 \\ w = \! 12 \;,\; h = \! 16 \;,\; x = \! 88 \;,\; y = \! 39 \;,\; v = \! 192 \\ w = \! 49 \;,\; h = \! 1 \;,\; x = \! 0 \;,\; y = \! 99 \;,\; v = \! 49 \end{array}$$

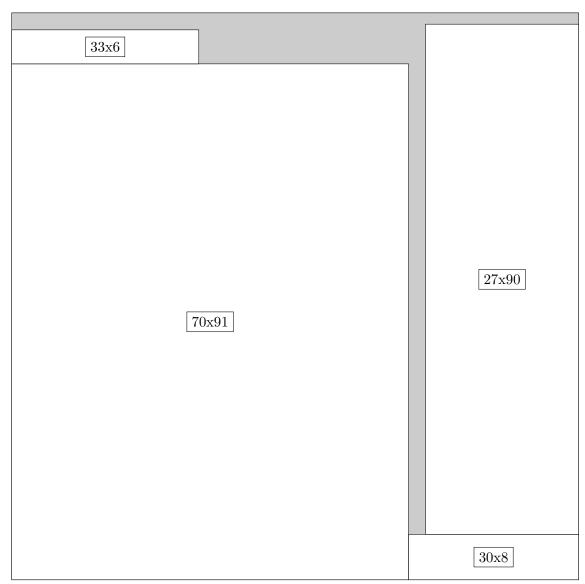


 $\begin{array}{l} w = \! 93 \;, \; h = \! 88 \;, \; x = \! 0 \;, \; y = \! 0 \;, \; v = \! 8184 \\ w = \! 5 \;, \; h = \! 45 \;, \; x = \! 93 \;, \; y = \! 0 \;, \; v = \! 225 \\ w = \! 11 \;, \; h = \! 12 \;, \; x = \! 0 \;, \; y = \! 88 \;, \; v = \! 132 \\ w = \! 7 \;, \; h = \! 16 \;, \; x = \! 93 \;, \; y = \! 84 \;, \; v = \! 112 \\ w = \! 11 \;, \; h = \! 4 \;, \; x = \! 14 \;, \; y = \! 88 \;, \; v = \! 44 \\ w = \! 3 \;, \; h = \! 12 \;, \; x = \! 11 \;, \; y = \! 88 \;, \; v = \! 36 \end{array}$



$$\begin{array}{l} w = \!86 \;, \, h = \!90 \;, \, x = \!0 \;, \, y = \!0 \;, \, v = \!7740 \\ w = \!14 \;, \, h = \!38 \;, \, x = \!86 \;, \, y = \!0 \;, \, v = \!532 \\ w = \!6 \;, \, h = \!49 \;, \, x = \!94 \;, \, y = \!38 \;, \, v = \!294 \\ w = \!8 \;, \, h = \!27 \;, \, x = \!86 \;, \, y = \!38 \;, \, v = \!216 \\ w = \!1 \;, \, h = \!10 \;, \, x = \!0 \;, \, y = \!90 \;, \, v = \!10 \end{array}$$



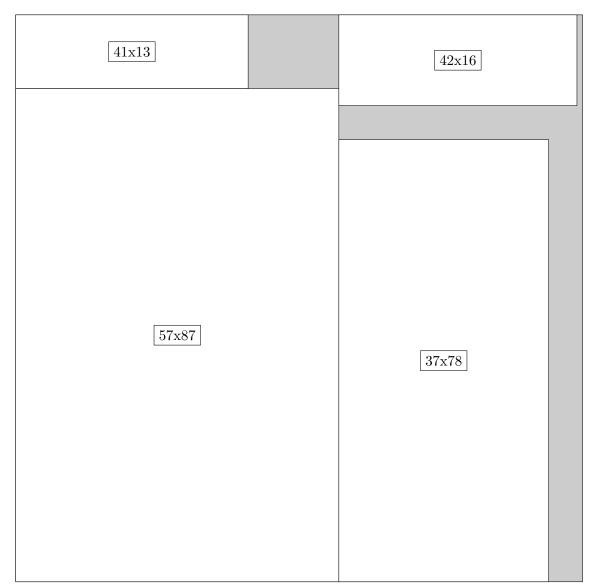


$$\mathbf{w}$$
 =70 , h =91 , x =0 , y =0 , v =6370

$$w = 27$$
, $h = 90$, $x = 73$, $y = 8$, $v = 2430$

$$\le =30$$
 , h =8 , x =70 , y =0 , v =240

$$\mathbf{w}=\!33$$
 , $\mathbf{h}=\!6$, $\mathbf{x}=\!0$, $\mathbf{y}=\!91$, $\mathbf{v}=\!198$

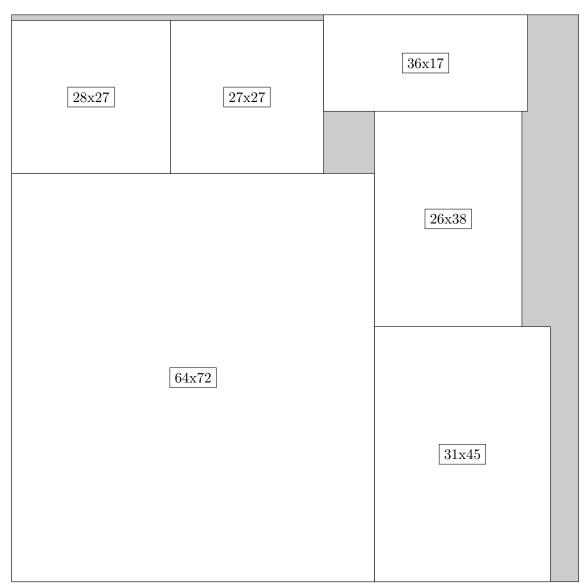


$$\le =57$$
 , $h=87$, $x=0$, $y=0$, $v=4959$

$$\le =37$$
 , h =78 , x =57 , y =0 , v =2886

$$\le =42$$
 , h =16 , x =57 , y =84 , v =672

$$\le =41$$
 , $h=13$, $x=0$, $y=87$, $v=533$



$$w = 64$$
, $h = 72$, $x = 0$, $y = 0$, $v = 4608$

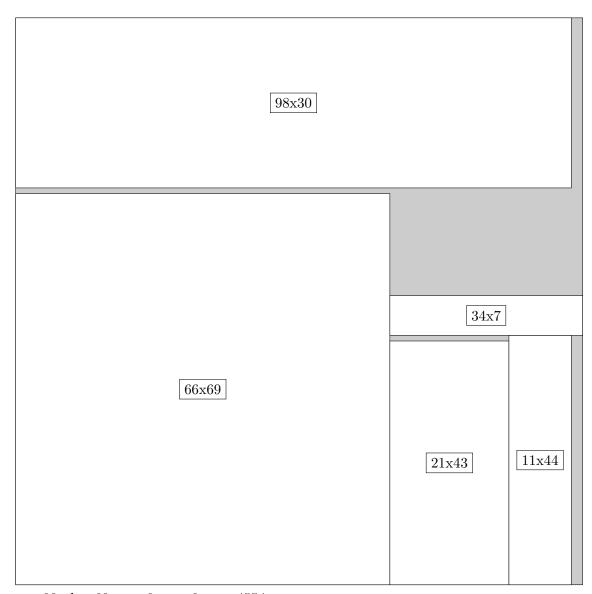
$$w=\!31$$
 , $h=\!45$, $x=\!64$, $y=\!0$, $v=\!1395$

$$\le =26$$
 , h =38 , x =64 , y =45 , v =988

$$\le =28$$
 , h =27 , x =0 , y =72 , v =756

$$\mathbf{w}$$
 =27 , h =27 , x =28 , y =72 , v =729

$$\le =36$$
 , $h=17$, $x=55$, $y=83$, $v=612$



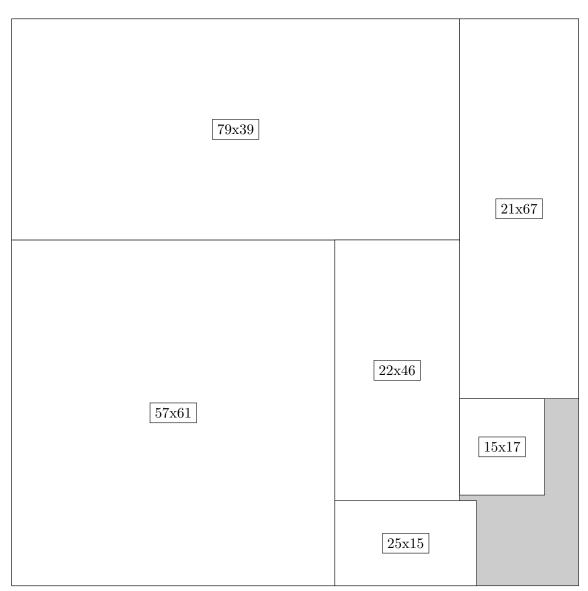
$$\le =66$$
 , h =69 , x =0 , y =0 , v =4554

$$\le =98$$
 , h =30 , x =0 , y =70 , v =2940

$$\le =21$$
 , $h=43$, $x=66$, $y=0$, $v=903$

$$\mathbf{w}$$
 =11 , h =44 , x =87 , y =0 , v =484

$$\le =34$$
 , h =7 , x =66 , y =44 , v =238



$$w=\!57$$
 , $h=\!61$, $x=\!0$, $y=\!0$, $v=\!3477$

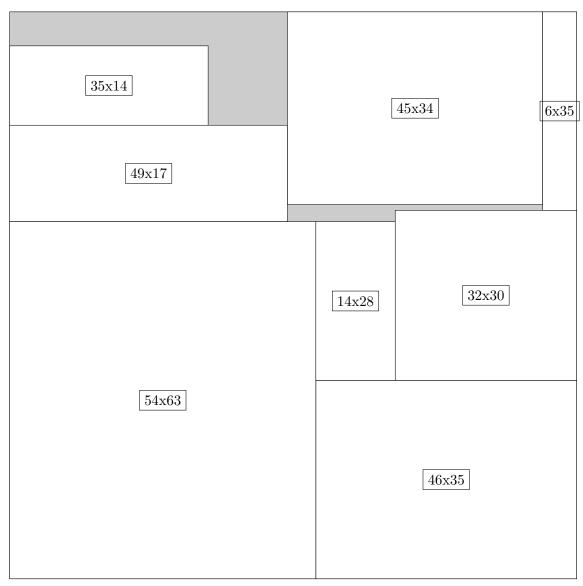
$$w = 79$$
, $h = 39$, $x = 0$, $y = 61$, $v = 3081$

$$w$$
 =21 , h =67 , x =79 , y =33 , v =1407

$$\le =22$$
 , h =46 , x =57 , y =15 , v =1012

$$\le =25$$
 , $h=15$, $x=57$, $y=0$, $v=375$

$$\le =15$$
 , $h=17$, $x=79$, $y=16$, $v=255$



$$w = 49$$
, $h = 17$, $x = 0$, $y = 63$, $v = 833$

$$w = 46$$
, $h = 35$, $x = 54$, $y = 0$, $v = 1610$

$$\le =45$$
 , h =34 , x =49 , y =66 , v =1530

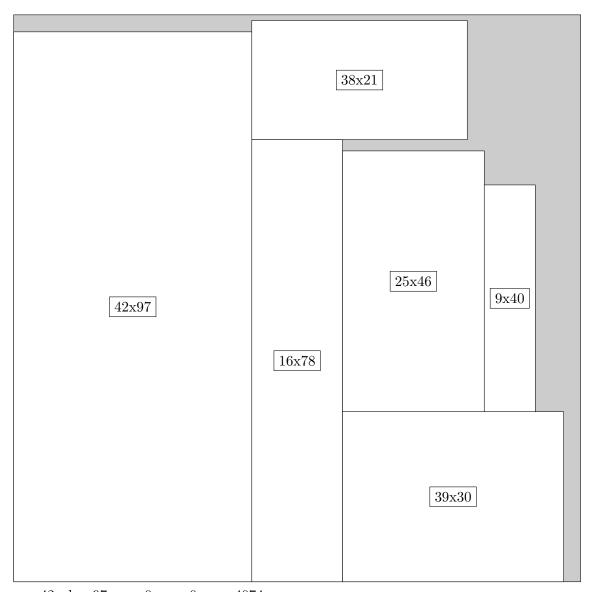
$$w = 32$$
, $h = 30$, $x = 68$, $y = 35$, $v = 960$

$$\mathbf{w}$$
 =54 , h =63 , x =0 , y =0 , v =3402

$$\le =35$$
 , $h=14$, $x=0$, $y=80$, $v=490$

$$w = 14$$
, $h = 28$, $x = 54$, $y = 35$, $v = 392$

$$w$$
 =6 , h =35 , x =94 , y =65 , v =210



$$\le =42$$
 , h =97 , x =0 , y =0 , v =4074

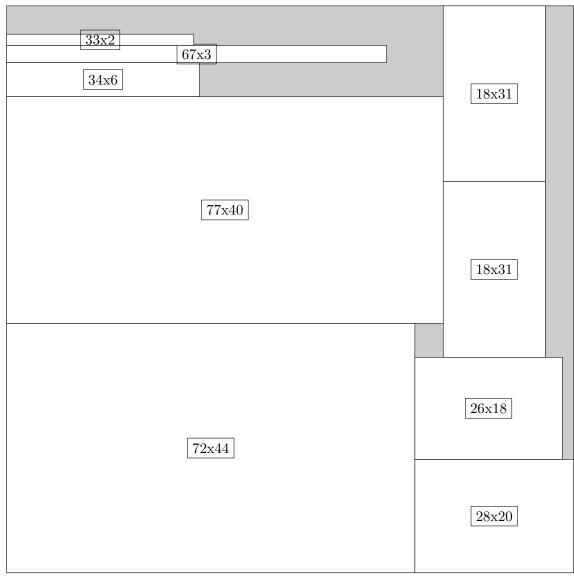
$$\mathbf{w}=\!\!16$$
 , $\mathbf{h}=\!\!78$, $\mathbf{x}=\!\!42$, $\mathbf{y}=\!\!0$, $\mathbf{v}=\!\!1248$

$$\le =39$$
 , h =30 , x =58 , y =0 , v =1170

$$\le =25$$
 , h =46 , x =58 , y =30 , v =1150

$$\le 38$$
 , h =21 , x =42 , y =78 , v =798

$$w=9$$
 , $h=\!40$, $x=\!83$, $y=\!30$, $v=\!360$



$$w = 72$$
, $h = 44$, $x = 0$, $y = 0$, $v = 3168$

$$w$$
 =77 , h =40 , x =0 , y =44 , v =3080

$$\le =28$$
 , h =20 , x =72 , y =0 , v =560

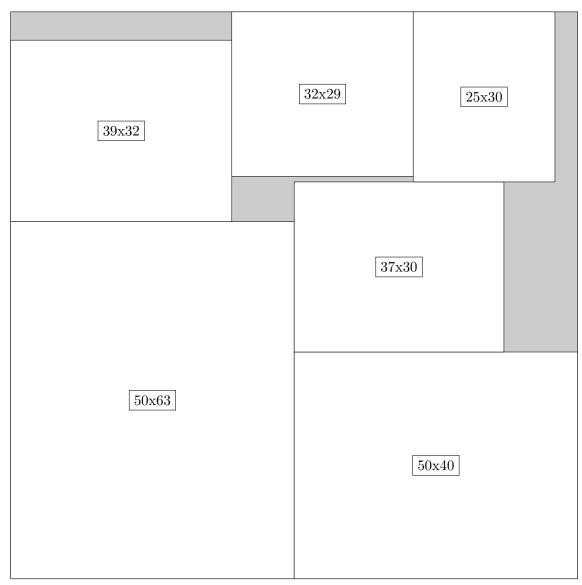
$$\le =18$$
 , h =31 , x =77 , y =38 , v =558

$$\le =18$$
 , $h=31$, $x=77$, $y=69$, $v=558$

$$w = 26$$
, $h = 18$, $x = 72$, $y = 20$, $v = 468$
 $w = 34$, $h = 6$, $x = 0$, $y = 84$, $v = 204$

$$w = 67$$
, $h = 3$, $x = 0$, $y = 90$, $v = 201$

$$\le =33$$
 , h $=2$, x $=0$, y $=93$, v $=66$



$$w=\!50$$
 , $h=\!63$, $x=\!0$, $y=\!0$, $v=\!3150$

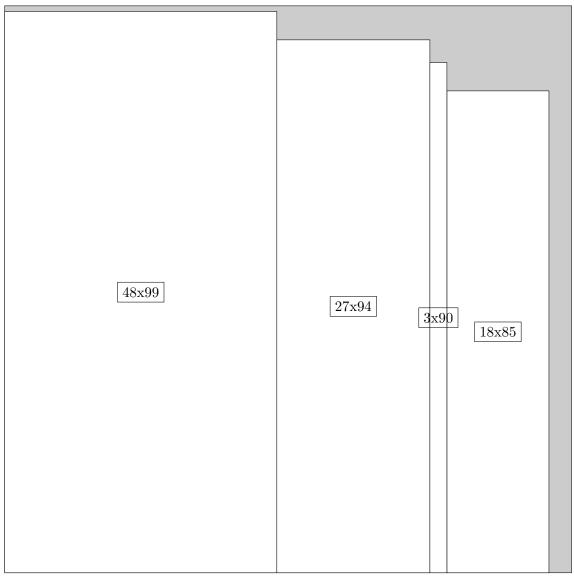
$$\le =50$$
 , h =40 , x =50 , y =0 , v =2000

$$\le =39$$
 , h =32 , x =0 , y =63 , v =1248

$$\le =37$$
 , h =30 , x =50 , y =40 , v =1110

$$\le =32$$
 , h =29 , x =39 , y =71 , v =928

$$w = 25$$
, $h = 30$, $x = 71$, $y = 70$, $v = 750$



 $\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 99 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4752 \\ w = \!\! 27 \ , \ h = \!\! 94 \ , \ x = \!\! 48 \ , \ y = \!\! 0 \ , \ v = \!\! 2538 \\ w = \!\! 18 \ , \ h = \!\! 85 \ , \ x = \!\! 78 \ , \ y = \!\! 0 \ , \ v = \!\! 1530 \\ w = \!\! 3 \ , \ h = \!\! 90 \ , \ x = \!\! 75 \ , \ y = \!\! 0 \ , \ v = \!\! 270 \end{array}$