${\bf ClassName:}~{\bf Class\_10.2bp\text{-}29}$ 

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

TypeNum: <u>59</u> Num: <u>60</u> OutS: <u>80000</u> InS: <u>73074</u> Rate: <u>0.913</u>

UB: <u>8</u> LB0: <u>8</u> LB: 8

LBWithCut:  $\underline{\mathbf{8}}$  NodeCut:  $\underline{\mathbf{0}}$ 

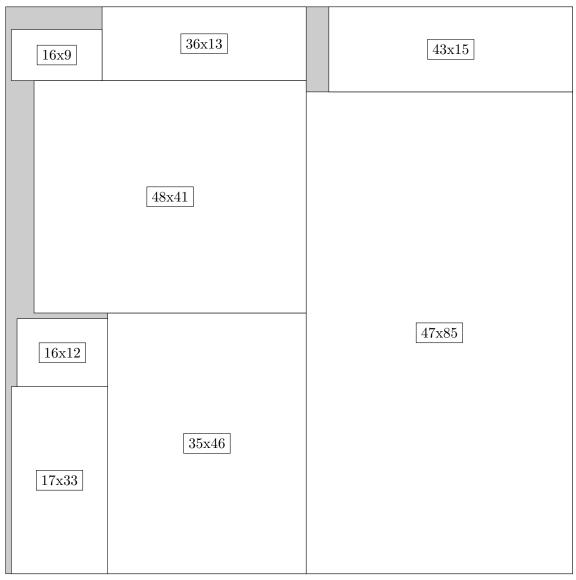
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{8}}$ 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: 0.063 sTotalTime: 600.313 s



$$w = 47$$
,  $h = 85$ ,  $x = 53$ ,  $y = 0$ ,  $v = 3995$ 

$$w=\!\!43$$
 ,  $h=\!\!15$  ,  $x=\!\!57$  ,  $y=\!\!85$  ,  $v=\!\!645$ 

$$w = 35$$
,  $h = 46$ ,  $x = 18$ ,  $y = 0$ ,  $v = 1610$ 

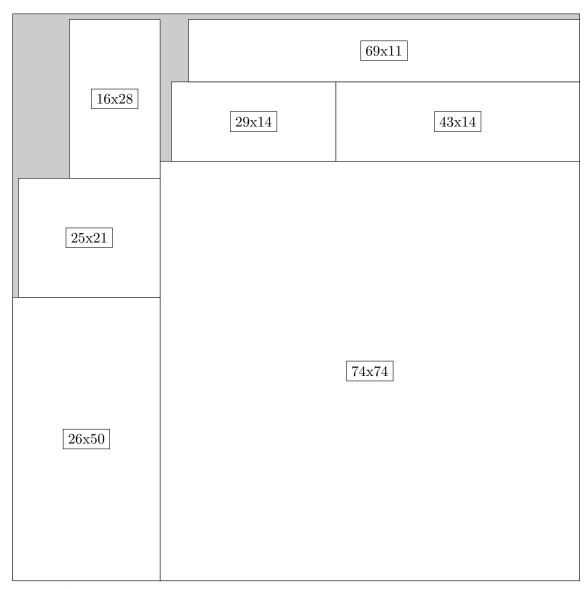
$$\le =17$$
 , h =33 , x =1 , y =0 , v =561

$$\mathbf{w}$$
 =16 , h =12 , x =2 , y =33 , v =192

$$\mathbf{w}$$
 =48 , h =41 , x =5 , y =46 , v =1968

$$\le =36$$
 , h =13 , x =17 , y =87 , v =468

$$\le =16$$
 ,  $h=9$  ,  $x=1$  ,  $y=87$  ,  $v=144$ 



$$w = 74 \ , \ h = 74 \ , \ x = 26 \ , \ y = 0 \ , \ v = 5476$$

$$\le =43$$
 ,  $h=14$  ,  $x=57$  ,  $y=74$  ,  $v=602$ 

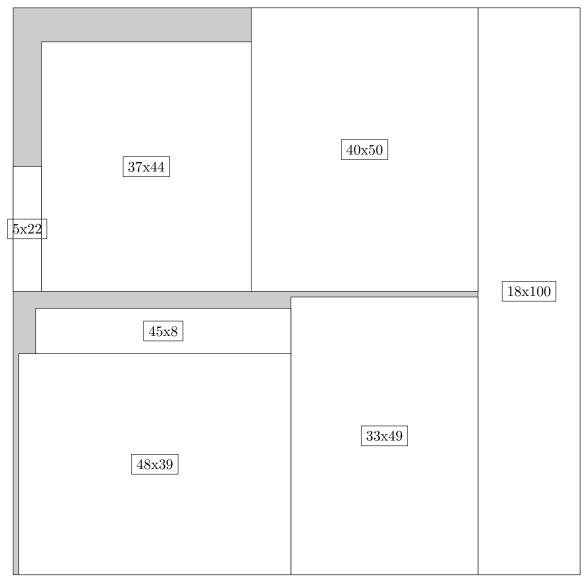
$$w = 29$$
,  $h = 14$ ,  $x = 28$ ,  $y = 74$ ,  $v = 406$ 

$$w = 69$$
,  $h = 11$ ,  $x = 31$ ,  $y = 88$ ,  $v = 759$ 

$$\le =26$$
 ,  $h=50$  ,  $x=0$  ,  $y=0$  ,  $v=1300$ 

$$\le =25$$
 ,  $h=21$  ,  $x=1$  ,  $y=50$  ,  $v=525$ 

$$w=\!16$$
 ,  $h=\!28$  ,  $x=\!10$  ,  $y=\!71$  ,  $v=\!448$ 



$$w = 18$$
,  $h = 100$ ,  $x = 82$ ,  $y = 0$ ,  $v = 1800$ 

$$\le =33$$
 , h =49 , x =49 , y =0 , v =1617

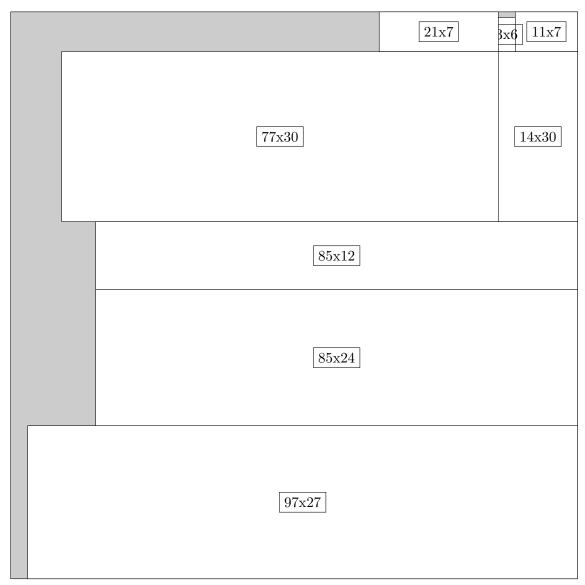
$$\le =48$$
 , h =39 , x =1 , y =0 , v =1872

$$\le =45$$
 , h =8 , x =4 , y =39 , v =360

$$\le =40$$
 ,  $h=\!50$  ,  $x=\!42$  ,  $y=\!50$  ,  $v=\!2000$ 

$$\le =37$$
 , h =44 , x =5 , y =50 , v =1628

$$\mathbf{w}$$
 =5 , h =22 , x =0 , y =50 , v =110



$$w = 97$$
,  $h = 27$ ,  $x = 3$ ,  $y = 0$ ,  $v = 2619$ 

$$w=\!85$$
 ,  $h=\!24$  ,  $x=\!15$  ,  $y=\!27$  ,  $v=\!2040$ 

$$\le =85$$
 , h =12 , x =15 , y =51 , v =1020

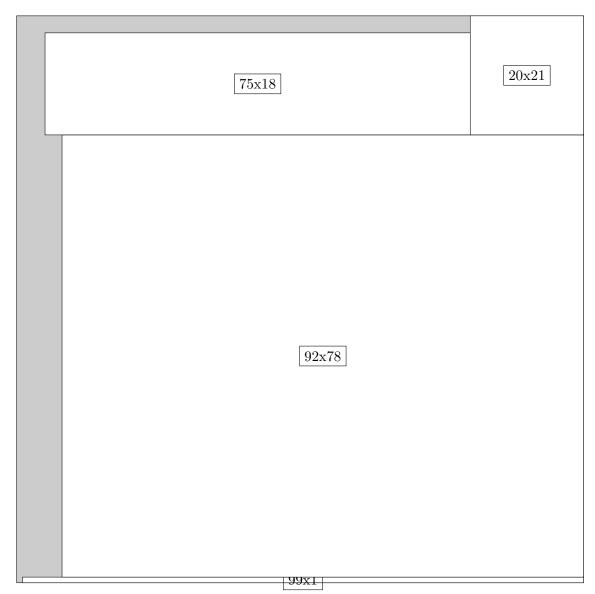
$$\le =14$$
 ,  $h=30$  ,  $x=\!86$  ,  $y=\!63$  ,  $v=\!420$ 

$$w=\!11$$
 ,  $h=\!7$  ,  $x=\!89$  ,  $y=\!93$  ,  $v=\!77$ 

$$w=3$$
 ,  $h=6$  ,  $x=86$  ,  $y=93$  ,  $v=18$ 

$$w$$
 =77 , h =30 , x =9 , y =63 , v =2310

$$w$$
 =21 ,  $h$  =7 ,  $x$  =65 ,  $y$  =93 ,  $v$  =147

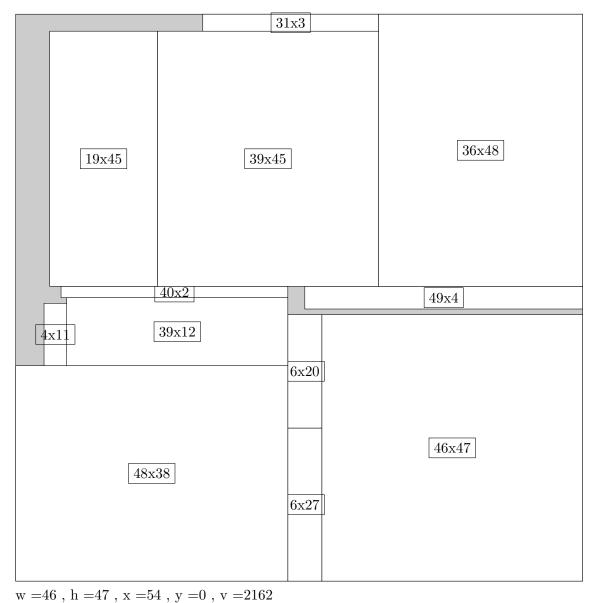


$$\le =99$$
 , h =1 , x =1 , y =0 , v =99

$$w$$
 =92 ,  $h$  =78 ,  $x$  =8 ,  $y$  =1 ,  $v$  =7176

$$w = 20$$
,  $h = 21$ ,  $x = 80$ ,  $y = 79$ ,  $v = 420$ 

$$\le =75$$
 , h =18 , x =5 , y =79 , v =1350



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w =40, h =47, x =34, y =0, v =2102

w =6, h =27, x =48, y =0, v =162

w =6, h =20, x =48, y =27, v =120

w =49, h =4, x =51, y =48, v =196

w =48, h =38, x =0, y =0, v =1824

w =39, h =12, x =9, y =38, v =468

w =4, h =11, x =5, y =38, v =44

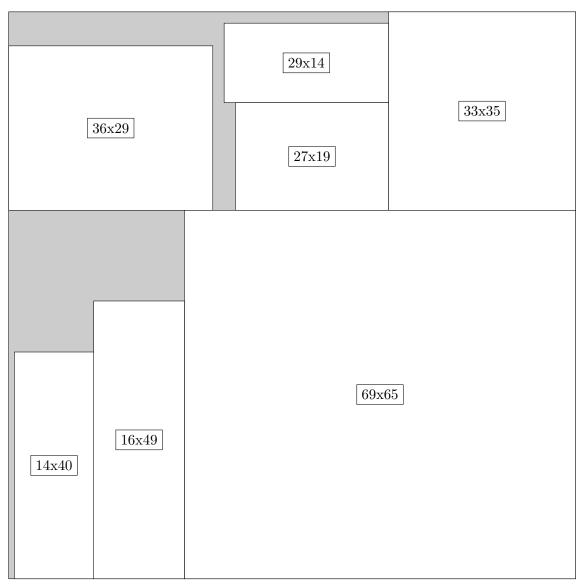
w =40, h =2, x =8, y =50, v =80

w =36, h =48, x =64, y =52, v =1728

w =39, h =45, x =25, y =52, v =1755

w =31, h =3, x =33, y =97, v =93

w =19, h =45, x =6, y =52, v =855
```



$$w = 69$$
,  $h = 65$ ,  $x = 31$ ,  $y = 0$ ,  $v = 4485$ 

$$\mathbf{w}$$
 =16 , h =49 , x =15 , y =0 , v =784

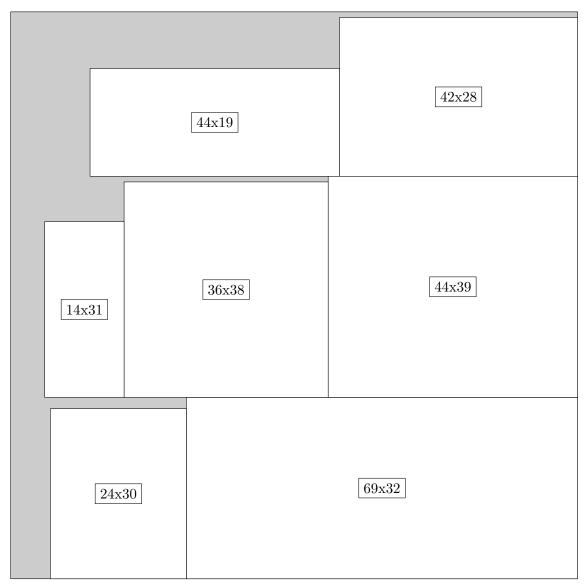
$$\le =14$$
 ,  $h=\!40$  ,  $x=\!1$  ,  $y=\!0$  ,  $v=\!560$ 

$$\le =33$$
 , h =35 , x =67 , y =65 , v =1155

$$\le =27$$
 ,  $h$  =19 ,  $x$  =40 ,  $y$  =65 ,  $v$  =513

$$\le =29$$
 , h =14 , x =38 , y =84 , v =406

$$w = 36$$
,  $h = 29$ ,  $x = 0$ ,  $y = 65$ ,  $v = 1044$ 



$$w = 69$$
,  $h = 32$ ,  $x = 31$ ,  $y = 0$ ,  $v = 2208$ 

$$\le =24$$
 , h =30 , x =7 , y =0 , v =720

$$w = 44$$
,  $h = 39$ ,  $x = 56$ ,  $y = 32$ ,  $v = 1716$ 

$$w = 36$$
,  $h = 38$ ,  $x = 20$ ,  $y = 32$ ,  $v = 1368$ 

$$\mathbf{w}$$
 =14 , h =31 , x =6 , y =32 , v =434

$$w$$
 =42 ,  $h$  =28 ,  $x$  =58 ,  $y$  =71 ,  $v$  =1176

$$w = 44$$
,  $h = 19$ ,  $x = 14$ ,  $y = 71$ ,  $v = 836$