${\bf ClassName:}~{\bf Class\_10.2bp\text{-}32}$ 

BinSize:  $100 \times 100$ ReduceSize:  $100 \times 100$ 

TypeNum: 80 Num: **80** OutS: 110000InS: 101043Rate:  $\underline{0.919}$ UB: <u>11</u>

LB0: **11** LB: **11** 

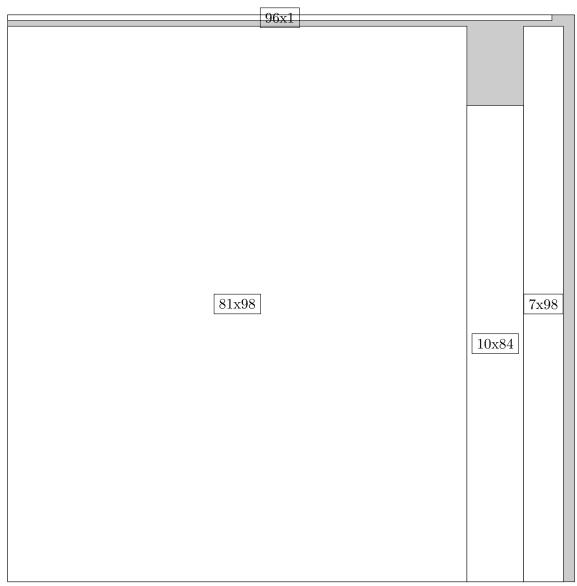
LBWithCut: 11 NodeCut: 0

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

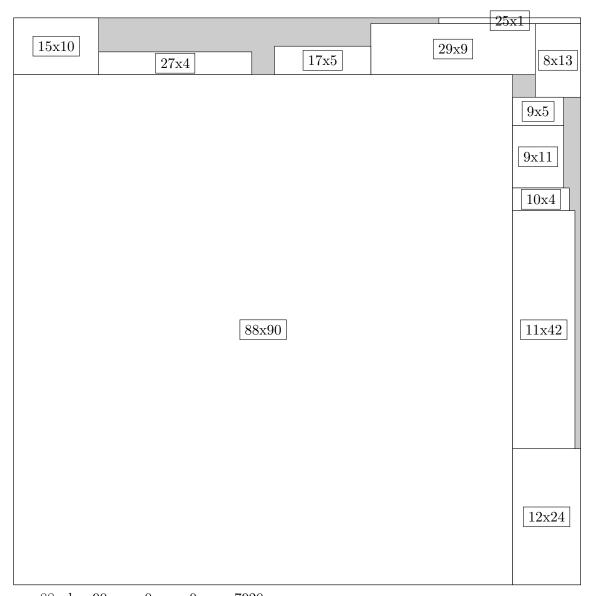
GenNodeCnt:  $\mathbf{1}$ PrimalNode:  $\mathbf{0}$ ColumnCount: 11  $TotalCutCount: \ \mathbf{0}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

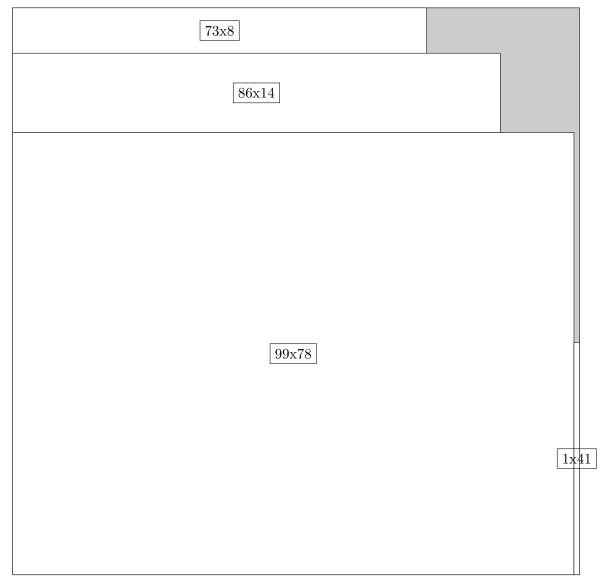
TimeOnInitSolution:  $\underline{0.100 \text{ s}}$ TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 s TimeOnRmp: 0.078 sTotalTime: 0.240 s



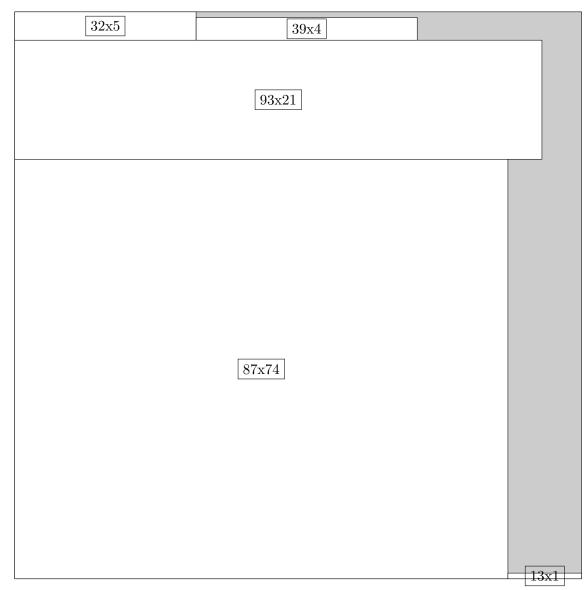
 $\begin{array}{l} w = \! 81 \; , \; h = \! 98 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 7938 \\ w = \! 10 \; , \; h = \! 84 \; , \; x = \! 81 \; , \; y = \! 0 \; , \; v = \! 840 \\ w = \! 7 \; , \; h = \! 98 \; , \; x = \! 91 \; , \; y = \! 0 \; , \; v = \! 686 \\ w = \! 96 \; , \; h = \! 1 \; , \; x = \! 0 \; , \; y = \! 99 \; , \; v = \! 96 \end{array}$ 



$$\begin{array}{l} w = & 88 \;, \; h = & 90 \;, \; x = & 0 \;, \; y = & 0 \;, \; v = & 7920 \\ w = & 11 \;, \; h = & 42 \;, \; x = & 88 \;, \; y = & 24 \;, \; v = & 462 \\ w = & 12 \;, \; h = & 24 \;, \; x = & 88 \;, \; y = & 0 \;, \; v = & 288 \\ w = & 29 \;, \; h = & 9 \;, \; x = & 63 \;, \; y = & 90 \;, \; v = & 261 \\ w = & 15 \;, \; h = & 10 \;, \; x = & 0 \;, \; y = & 90 \;, \; v = & 150 \\ w = & 27 \;, \; h = & 4 \;, \; x = & 15 \;, \; y = & 90 \;, \; v = & 108 \\ w = & 8 \;, \; h = & 13 \;, \; x = & 92 \;, \; y = & 86 \;, \; v = & 104 \\ w = & 9 \;, \; h = & 11 \;, \; x = & 88 \;, \; y = & 70 \;, \; v = & 99 \\ w = & 17 \;, \; h = & 5 \;, \; x = & 46 \;, \; y = & 90 \;, \; v = & 85 \\ w = & 9 \;, \; h = & 5 \;, \; x = & 88 \;, \; y = & 81 \;, \; v = & 45 \\ w = & 10 \;, \; h = & 4 \;, \; x = & 88 \;, \; y = & 66 \;, \; v = & 40 \\ w = & 25 \;, \; h = & 1 \;, \; x = & 75 \;, \; y = & 99 \;, \; v = & 25 \end{array}$$



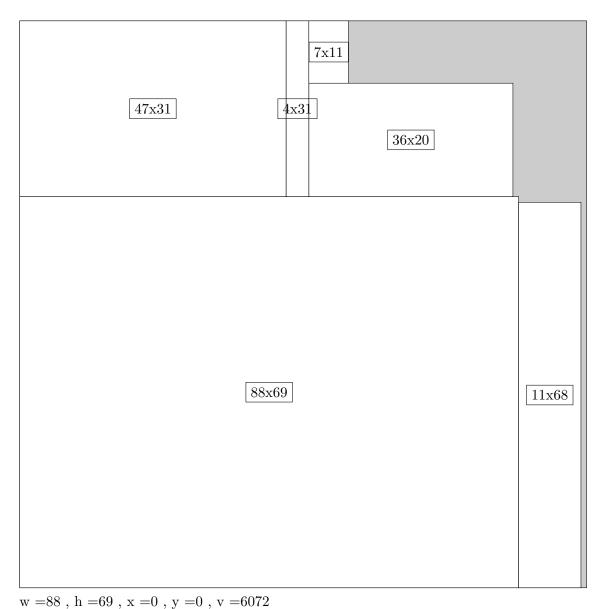
$$\begin{array}{l} w = 99 \ , \ h = 78 \ , \ x = 0 \ , \ y = 0 \ , \ v = 7722 \\ w = 86 \ , \ h = 14 \ , \ x = 0 \ , \ y = 78 \ , \ v = 1204 \\ w = 73 \ , \ h = 8 \ , \ x = 0 \ , \ y = 92 \ , \ v = 584 \\ w = 1 \ , \ h = 41 \ , \ x = 99 \ , \ y = 0 \ , \ v = 41 \end{array}$$

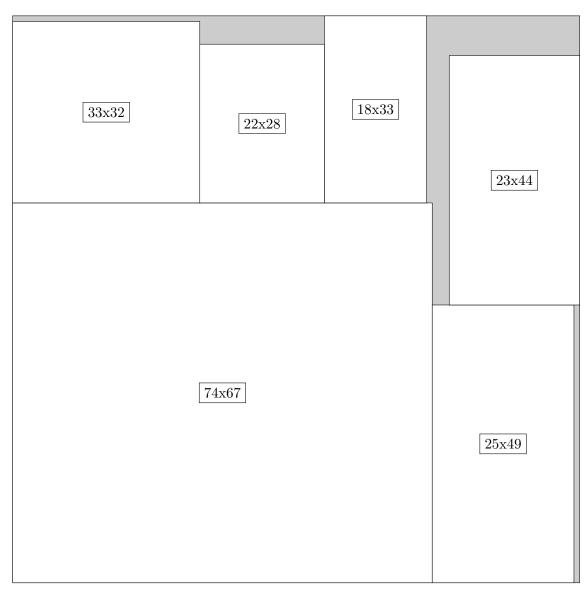


$$\le =87$$
 ,  $h=74$  ,  $x=0$  ,  $y=0$  ,  $v=6438$ 

$$w = 32$$
,  $h = 5$ ,  $x = 0$ ,  $y = 95$ ,  $v = 160$ 

$$\begin{array}{l} w = \! 39 \ , \ h = \! 4 \ , \ x = \! 32 \ , \ y = \! 95 \ , \ v = \! 156 \\ w = \! 13 \ , \ h = \! 1 \ , \ x = \! 87 \ , \ y = \! 0 \ , \ v = \! 13 \end{array}$$





$$\le -74$$
 ,  $h$  =67 ,  $x$  =0 ,  $y$  =0 ,  $v$  =4958

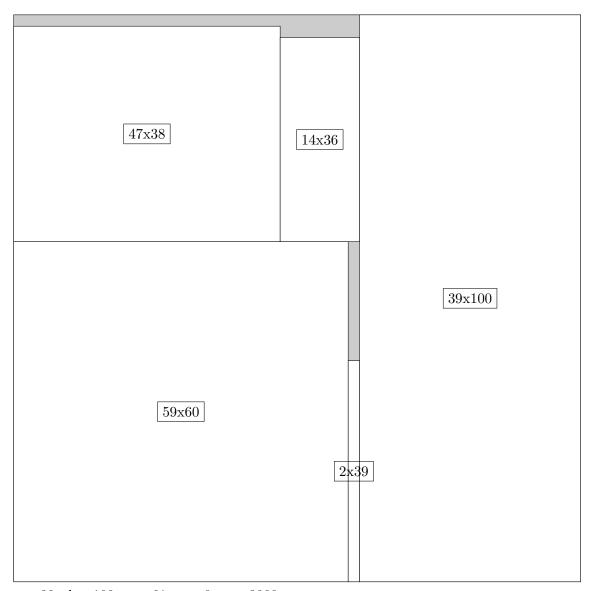
$$w$$
 =25 , h =49 , x =74 , y =0 , v =1225

$$\le =33$$
 , h =32 , x =0 , y =67 , v =1056

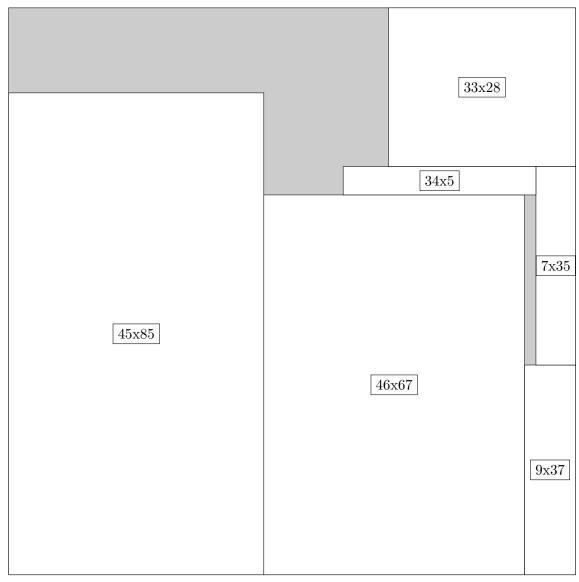
$$\le =23$$
 , h =44 , x =77 , y =49 , v =1012

$$\le =22$$
 , h =28 , x =33 , y =67 , v =616

$$w=\!18$$
 ,  $h=\!33$  ,  $x=\!55$  ,  $y=\!67$  ,  $v=\!594$ 



$$\begin{array}{l} w = 39 \;, \; h = 100 \;, \; x = 61 \;, \; y = 0 \;, \; v = 3900 \\ w = 59 \;, \; h = 60 \;, \; x = 0 \;, \; y = 0 \;, \; v = 3540 \\ w = 47 \;, \; h = 38 \;, \; x = 0 \;, \; y = 60 \;, \; v = 1786 \\ w = 14 \;, \; h = 36 \;, \; x = 47 \;, \; y = 60 \;, \; v = 504 \\ w = 2 \;, \; h = 39 \;, \; x = 59 \;, \; y = 0 \;, \; v = 78 \end{array}$$



$$w = 45$$
,  $h = 85$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3825$ 

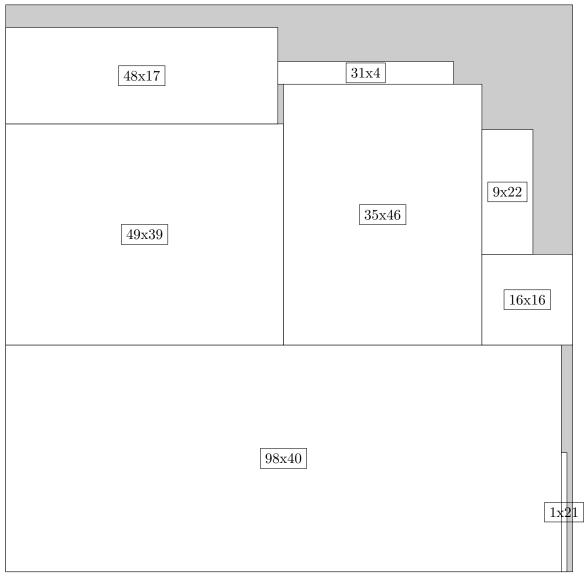
$$\le =46$$
 ,  $h=67$  ,  $x=45$  ,  $y=0$  ,  $v=3082$ 

$$\le =33$$
 , h =28 , x =67 , y =72 , v =924

$$\le =9$$
 , h =37 , x =91 , y =0 , v =333

$$w$$
 =7 , h =35 , x =93 , y =37 , v =245

$$\le =34$$
 ,  $h=5$  ,  $x=59$  ,  $y=67$  ,  $v=170$ 



$$\le =98$$
 ,  $h=40$  ,  $x=0$  ,  $y=0$  ,  $v=3920$ 

$$\le =49$$
 , h =39 , x =0 , y =40 , v =1911

$$w=\!35$$
 ,  $h=\!46$  ,  $x=\!49$  ,  $y=\!40$  ,  $v=\!1610$ 

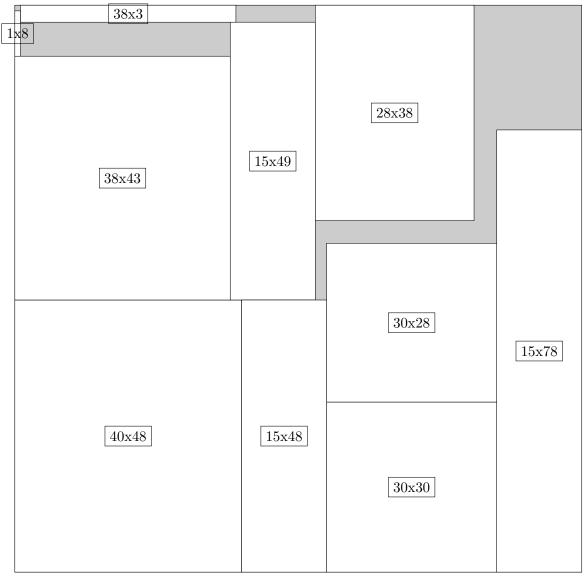
$$\le =48$$
 ,  $h$  =17 ,  $x$  =0 ,  $y$  =79 ,  $v$  =816

$$w$$
 =16 ,  $h$  =16 ,  $x$  =84 ,  $y$  =40 ,  $v$  =256

$$w = 9$$
,  $h = 22$ ,  $x = 84$ ,  $y = 56$ ,  $v = 198$ 

$$w=\!31$$
 ,  $h=\!4$  ,  $x=\!48$  ,  $y=\!86$  ,  $v=\!124$ 

$$w=1$$
 ,  $h=21$  ,  $x=98$  ,  $y=0$  ,  $v=21$ 



$$\mathbf{w}$$
 =40 , h =48 , x =0 , y =0 , v =1920

$$\le =38$$
 ,  $h=43$  ,  $x=0$  ,  $y=48$  ,  $v=1634$ 

$$\le =15$$
 ,  $h=78$  ,  $x=85$  ,  $y=0$  ,  $v=1170$ 

$$w = 28$$
,  $h = 38$ ,  $x = 53$ ,  $y = 62$ ,  $v = 1064$ 

$$w = 30$$
,  $h = 30$ ,  $x = 55$ ,  $y = 0$ ,  $v = 900$ 

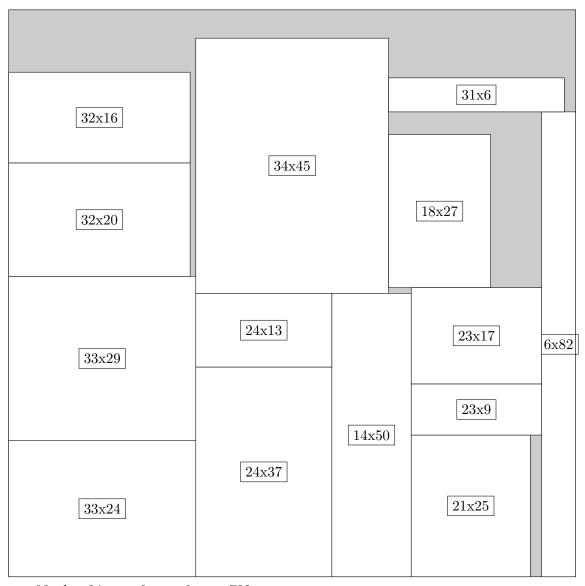
$$w = 30$$
,  $h = 28$ ,  $x = 55$ ,  $y = 30$ ,  $v = 840$ 

$$w = 15$$
,  $h = 49$ ,  $x = 38$ ,  $y = 48$ ,  $v = 735$ 

$$w=\!15$$
 ,  $h=\!48$  ,  $x=\!40$  ,  $y=\!0$  ,  $v=\!720$ 

$$w=\!38$$
 ,  $h=\!3$  ,  $x=\!1$  ,  $y=\!97$  ,  $v=\!114$ 

$$\mathbf{w} = \!\! 1$$
 ,  $\mathbf{h} = \!\! 8$  ,  $\mathbf{x} = \!\! 0$  ,  $\mathbf{y} = \!\! 91$  ,  $\mathbf{v} = \!\! 8$ 



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\le =33 , h =24 , x =0 , y =0 , v =792
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$$\le =33$$
 , h =29 , x =0 , y =24 , v =957

$$w = 24$$
,  $h = 37$ ,  $x = 33$ ,  $y = 0$ ,  $v = 888$ 

$$w = 34$$
,  $h = 45$ ,  $x = 33$ ,  $y = 50$ ,  $v = 1530$ 

$$w = 14$$
,  $h = 50$ ,  $x = 57$ ,  $y = 0$ ,  $v = 700$ 

$$\le =32$$
 ,  $h=20$  ,  $x=0$  ,  $y=53$  ,  $v=640$ 

$$w = 21$$
,  $h = 25$ ,  $x = 71$ ,  $y = 0$ ,  $v = 525$ 

$$w=\!32$$
 ,  $h=\!16$  ,  $x=\!0$  ,  $y=\!73$  ,  $v=\!512$ 

$$w = 6$$
,  $h = 82$ ,  $x = 94$ ,  $y = 0$ ,  $v = 492$ 

$$w = 18$$
,  $h = 27$ ,  $x = 67$ ,  $y = 51$ ,  $v = 486$ 

$$w = 23$$
,  $h = 17$ ,  $x = 71$ ,  $y = 34$ ,  $v = 391$ 

$$w = 24$$
,  $h = 13$ ,  $x = 33$ ,  $y = 37$ ,  $v = 312$ 

$$w = 23$$
,  $h = 9$ ,  $x = 71$ ,  $y = 25$ ,  $v = 207$ 

$$w = 31$$
,  $h = 6$ ,  $x = 67$ ,  $y = 82$ ,  $v = 186$