${\bf ClassName:}~{\bf Class_10.2bp\text{-}32}$

BinSize: 100×100 ReduceSize: 100×100

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

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

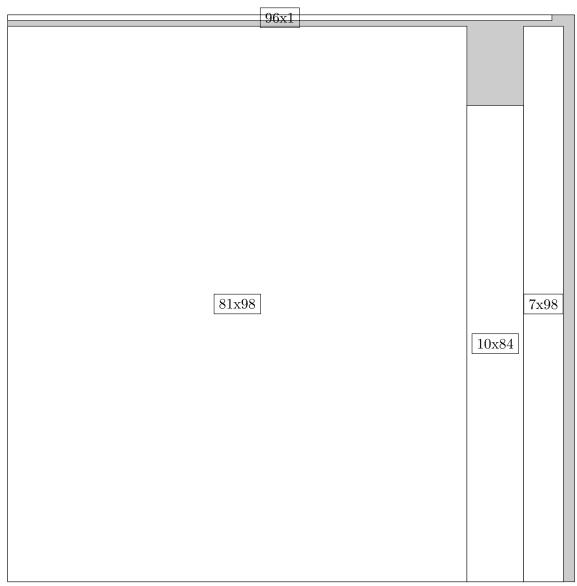
LBWithCut: 11 NodeCut: **0**

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

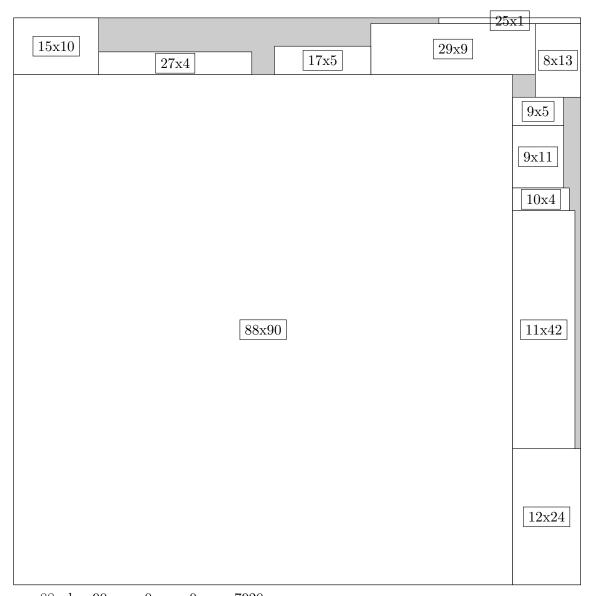
GenNodeCnt: $\mathbf{1}$ PrimalNode: $\mathbf{0}$ ColumnCount: 11 $TotalCutCount: \ \mathbf{0}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\mathbf{0}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

is Opt: $\underline{\mathbf{true}}$

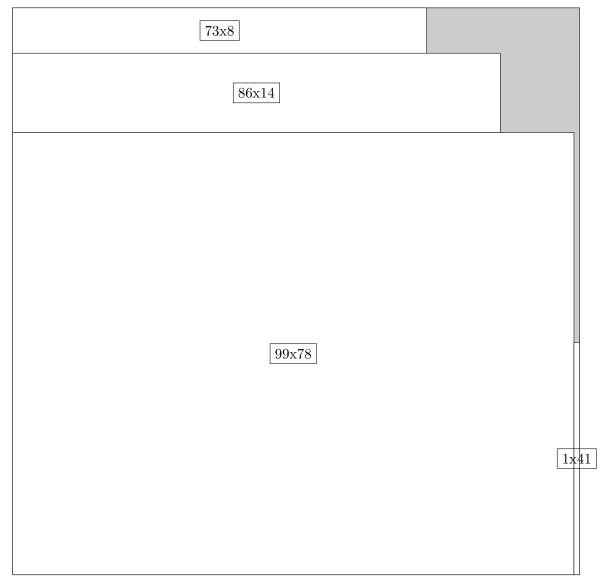
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.140 s



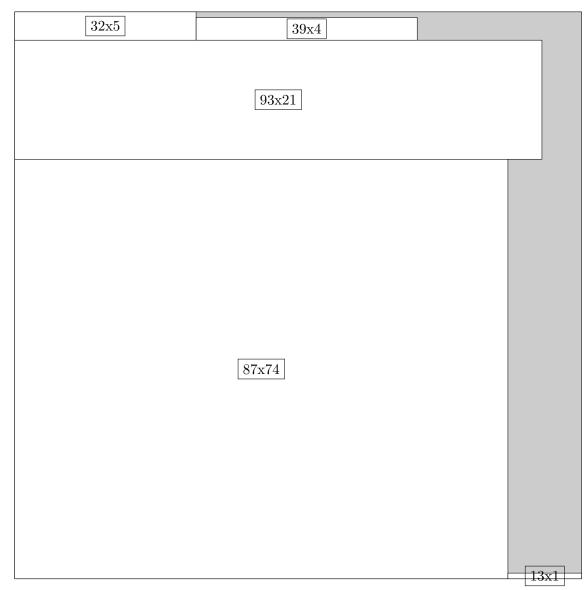
 $\begin{array}{l} w = \! 81 \; , \; h = \! 98 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 7938 \\ w = \! 10 \; , \; h = \! 84 \; , \; x = \! 81 \; , \; y = \! 0 \; , \; v = \! 840 \\ w = \! 7 \; , \; h = \! 98 \; , \; x = \! 91 \; , \; y = \! 0 \; , \; v = \! 686 \\ w = \! 96 \; , \; h = \! 1 \;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



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



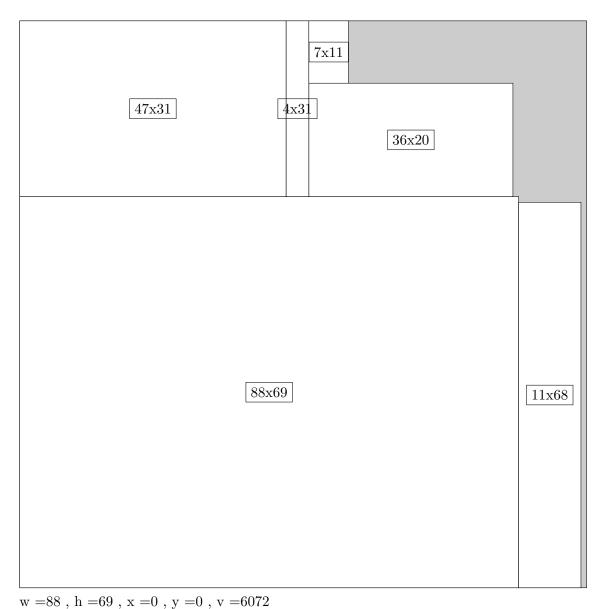
$$\begin{array}{l} w = 99 \ , \ h = 78 \ , \ x = 0 \ , \ y = 0 \ , \ v = 7722 \\ w = 86 \ , \ h = 14 \ , \ x = 0 \ , \ y = 78 \ , \ v = 1204 \\ w = 73 \ , \ h = 8 \ , \ x = 0 \ , \ y = 92 \ , \ v = 584 \\ w = 1 \ , \ h = 41 \ , \ x = 99 \ , \ y = 0 \ , \ v = 41 \end{array}$$

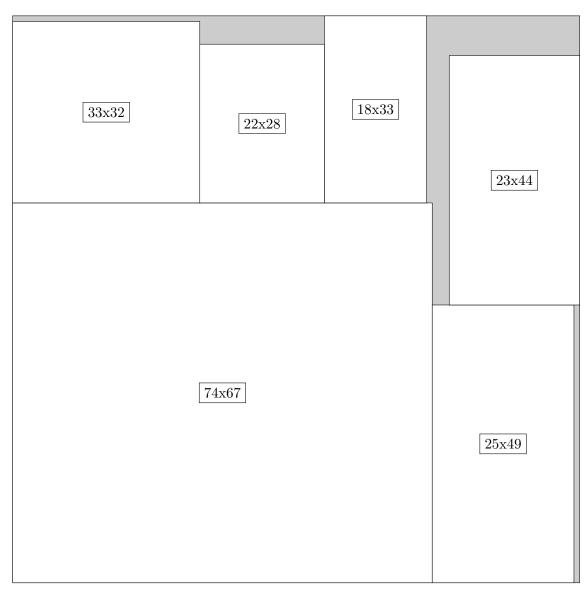


$$\le =87$$
 , $h=74$, $x=0$, $y=0$, $v=6438$

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

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





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

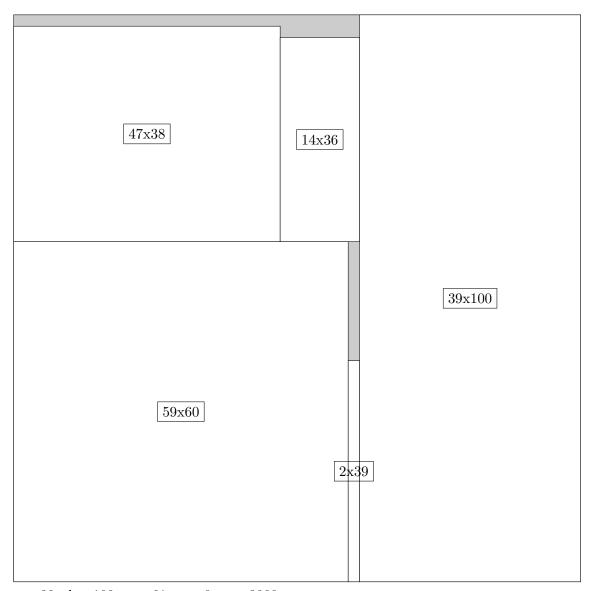
$$w$$
 =25 , h =49 , x =74 , y =0 , v =1225

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

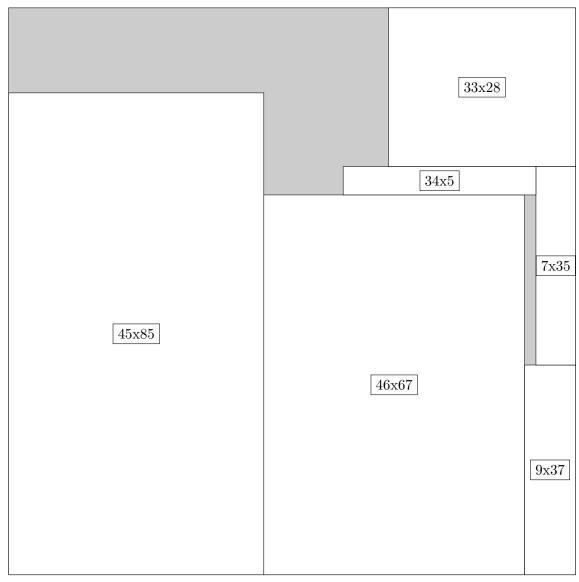
$$\le =23$$
 , h =44 , x =77 , y =49 , v =1012

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

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



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



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

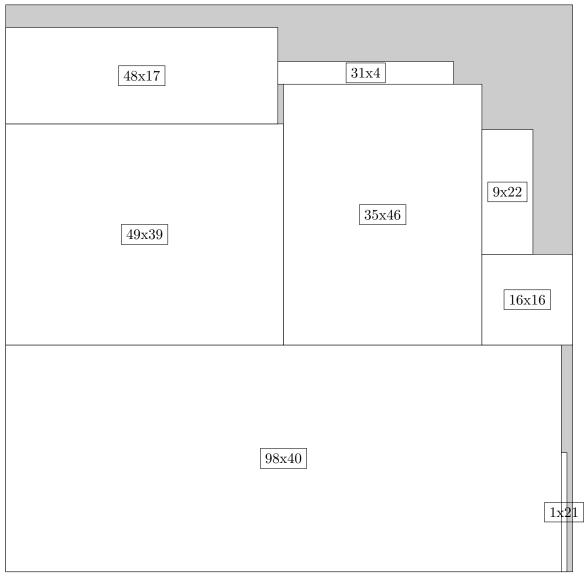
$$\le =46$$
 , $h=67$, $x=45$, $y=0$, $v=3082$

$$\le =33$$
 , 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

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

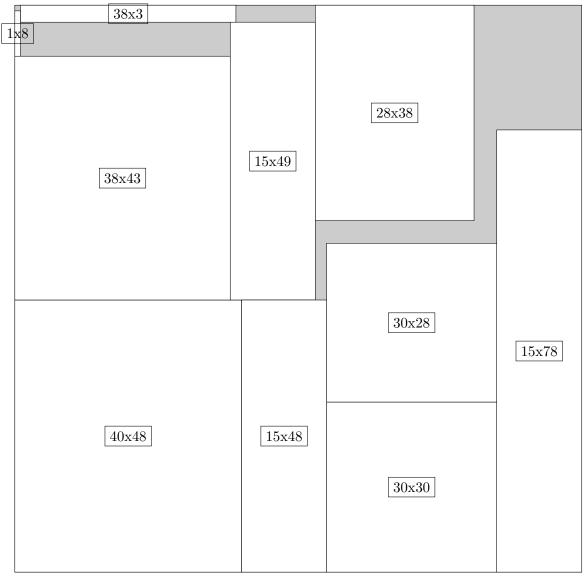
$$\le =48$$
 , h =17 , x =0 , y =79 , v =816

$$w$$
 =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

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

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

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

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

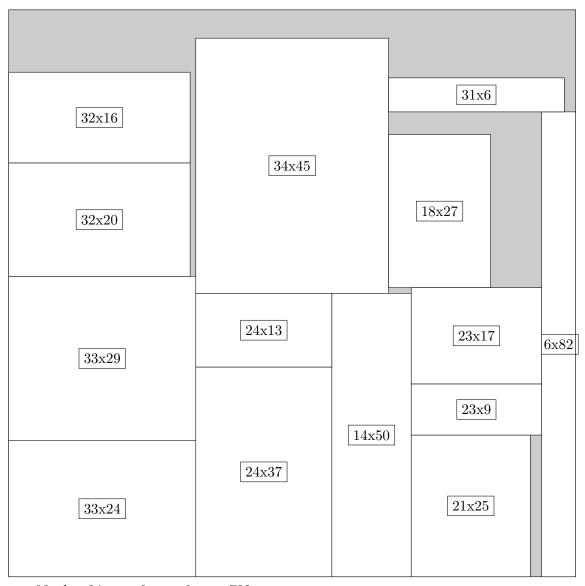
$$w = 30$$
, $h = 28$, $x = 55$, $y = 30$, $v = 840$

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

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

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

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



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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

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

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

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

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

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

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

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

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

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

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

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

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