$ClassName: \ Class\_10.2bp-4$ 

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

TypeNum:  $\underline{20}$ Num:  $\underline{20}$ OutS:  $\underline{40000}$ InS:  $\underline{31540}$ Rate:  $\underline{0.789}$ 

UB: <u>4</u> LB0: <u>4</u> LB: 4

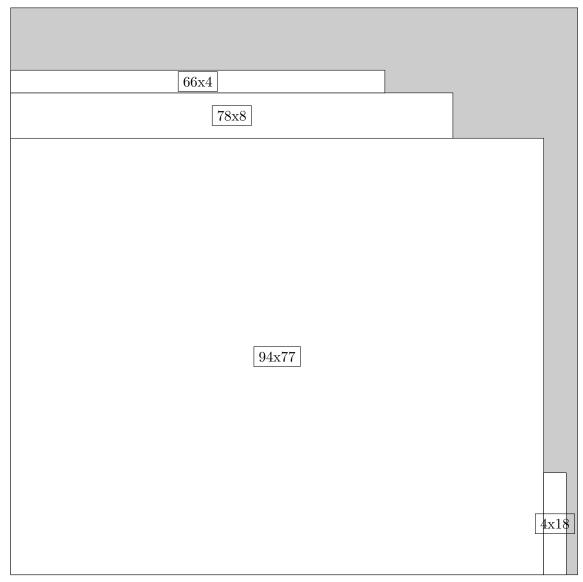
LBWithCut:  $\underline{\mathbf{4}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{4}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.010 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.094 \ s} \\ {\rm TotalTime:} \ \underline{0.151 \ s} \\ \end{array}$ 

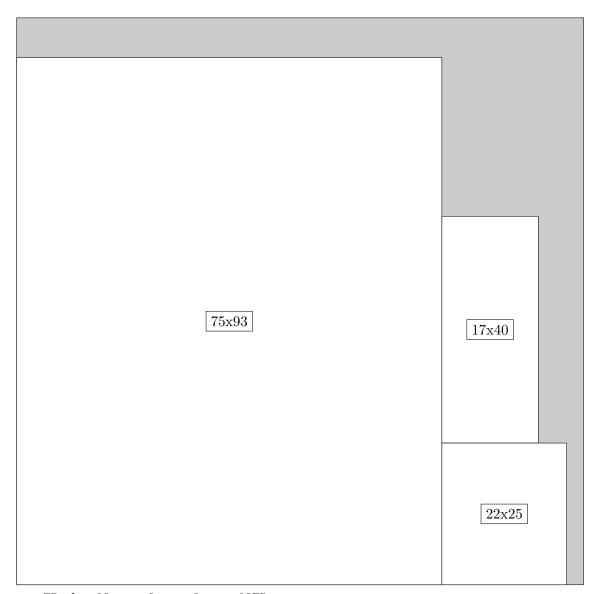


$$\begin{array}{l} w = \! 94 \ , \ h = \! 77 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7238 \\ w = \! 78 \ , \ h = \! 8 \ , \ x = \! 0 \ , \ y = \! 77 \ , \ v = \! 624 \end{array}$$

$$\le 4$$
 , h =  
18 , x =  
94 , y =  
0 , v =  
72

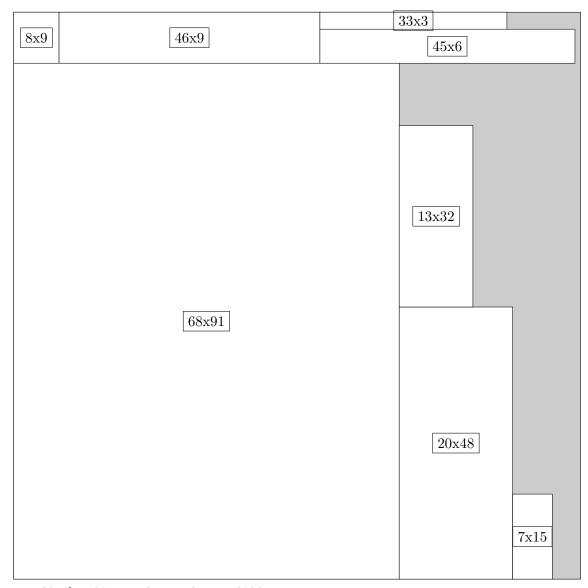
$$w = 4$$
,  $h = 18$ ,  $x = 94$ ,  $y = 0$ ,  $v = 72$ 

$$w = 66$$
,  $h = 4$ ,  $x = 0$ ,  $y = 85$ ,  $v = 264$ 

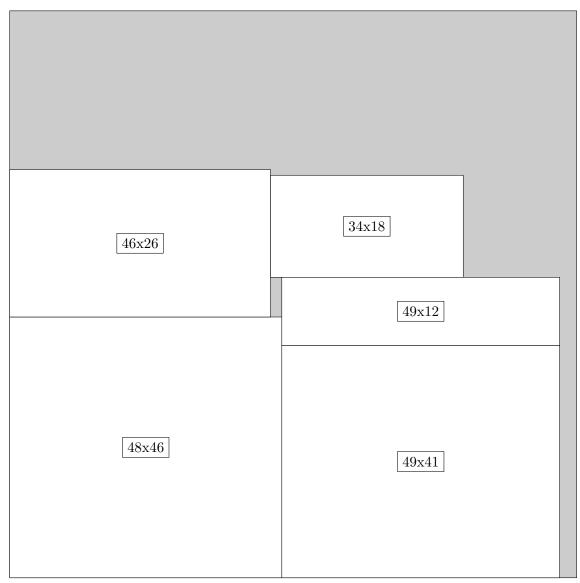


$$\begin{array}{l} w = \! 75 \ , \ h = \! 93 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6975 \\ w = \! 17 \ , \ h = \! 40 \ , \ x = \! 75 \ , \ y = \! 25 \ , \ v = \! 680 \end{array}$$

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



$$\begin{array}{l} w=68\;,\; h=91\;,\; x=0\;,\; y=0\;,\; v=6188\\ w=20\;,\; h=48\;,\; x=68\;,\; y=0\;,\; v=960\\ w=13\;,\; h=32\;,\; x=68\;,\; y=48\;,\; v=416\\ w=45\;,\; h=6\;,\; x=54\;,\; y=91\;,\; v=270\\ w=7\;,\; h=15\;,\; x=88\;,\; y=0\;,\; v=105\\ w=33\;,\; h=3\;,\; x=54\;,\; y=97\;,\; v=99\\ w=8\;,\; h=9\;,\; x=0\;,\; y=91\;,\; v=72\\ w=46\;,\; h=9\;,\; x=8\;,\; y=91\;,\; v=414\\ \end{array}$$



$$w = 48$$
,  $h = 46$ ,  $x = 0$ ,  $y = 0$ ,  $v = 2208$ 

$$\le =49$$
 , h =41 , x =48 , y =0 , v =2009

$$\le =46$$
 ,  $h$  =26 ,  $x$  =0 ,  $y$  =46 ,  $v$  =1196

$$w = 34$$
,  $h = 18$ ,  $x = 46$ ,  $y = 53$ ,  $v = 612$ 

$$\mathbf{w}$$
 =49 , h =12 , x =48 , y =41 , v =588