$ClassName: \ Class_07.2bp-14$

BinSize: 100×100 ReduceSize: 100×100

TypeNum: 38 Num: **40** OutS: 100000InS: 78663Rate: 0.787UB: <u>10</u>

LB0: **10** LB: **10**

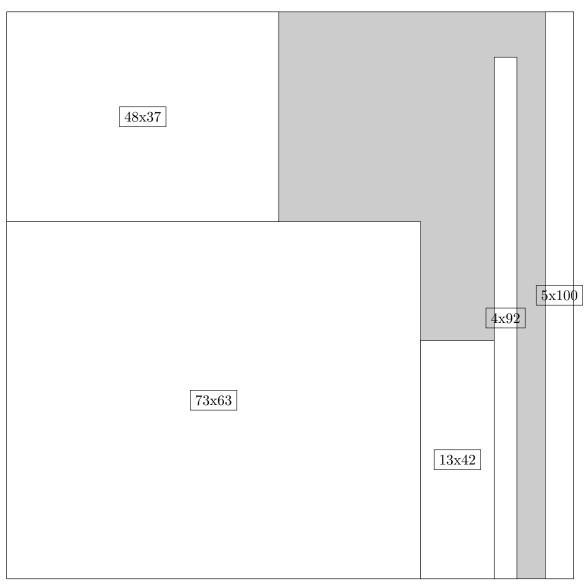
LBWithCut: 10 NodeCut: 0

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

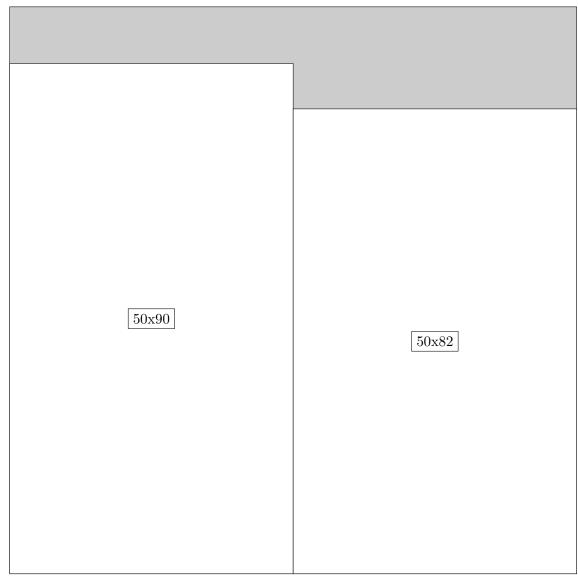
GenNodeCnt: $\mathbf{1}$ PrimalNode: $\mathbf{0}$ ColumnCount: 10 $TotalCutCount: \ \mathbf{0}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

TimeOnInitSolution: $\underline{0.010 \text{ s}}$ TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 s TimeOnRmp: 0.063 sTotalTime: 0.135 s



 $\begin{array}{l} w = 73 \ , \ h = 63 \ , \ x = 0 \ , \ y = 0 \ , \ v = 4599 \\ w = 48 \ , \ h = 37 \ , \ x = 0 \ , \ y = 63 \ , \ v = 1776 \\ w = 13 \ , \ h = 42 \ , \ x = 73 \ , \ y = 0 \ , \ v = 546 \\ w = 5 \ , \ h = 100 \ , \ x = 95 \ , \ y = 0 \ , \ v = 500 \\ w = 4 \ , \ h = 92 \ , \ x = 86 \ , \ y = 0 \ , \ v = 368 \end{array}$



	42x6	
48x92	42x92	10x98

 \mathbf{w} =48 , h =92 , x =0 , y =0 , v =4416

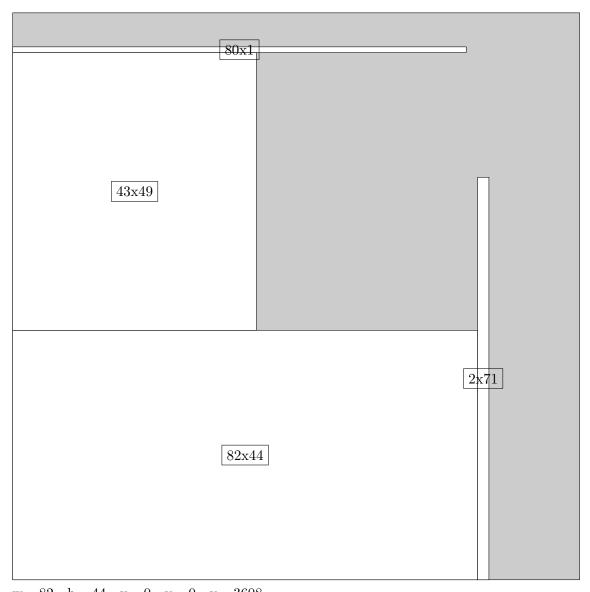
w = 42, h = 92, x = 48, y = 0, v = 3864

 $\le =10$, h =98 , x =90 , y =0 , v =980

 $\le =42$, h=6 , x=48 , y=92 , v=252

72x9			
74x12			
48x78	38x78	8x78	6x76

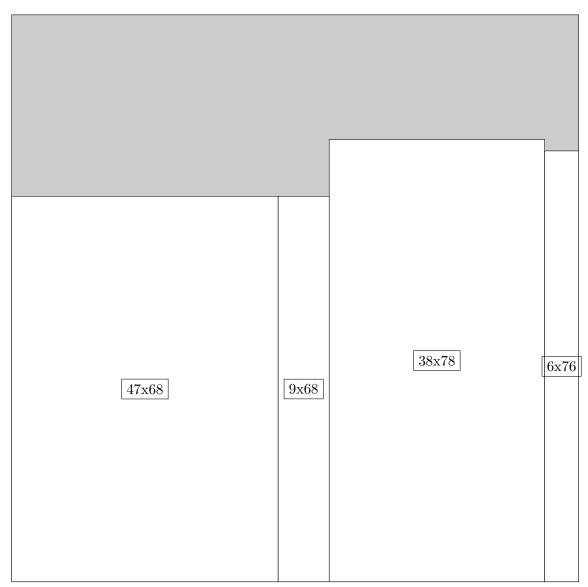
$$\begin{array}{l} w = \!\!48 \;,\; h = \!\!78 \;,\; x = \!\!0 \;,\; y = \!\!0 \;,\; v = \!\!3744 \\ w = \!\!38 \;,\; h = \!\!78 \;,\; x = \!\!48 \;,\; y = \!\!0 \;,\; v = \!\!2964 \\ w = \!\!74 \;,\; h = \!\!12 \;,\; x = \!\!0 \;,\; y = \!\!78 \;,\; v = \!\!888 \\ w = \!\!72 \;,\; h = \!\!9 \;,\; x = \!\!0 \;,\; y = \!\!90 \;,\; v = \!\!648 \\ w = \!\!8 \;,\; h = \!\!78 \;,\; x = \!\!86 \;,\; y = \!\!0 \;,\; v = \!\!624 \\ w = \!\!6 \;,\; h = \!\!76 \;,\; x = \!\!94 \;,\; y = \!\!0 \;,\; v = \!\!456 \end{array}$$



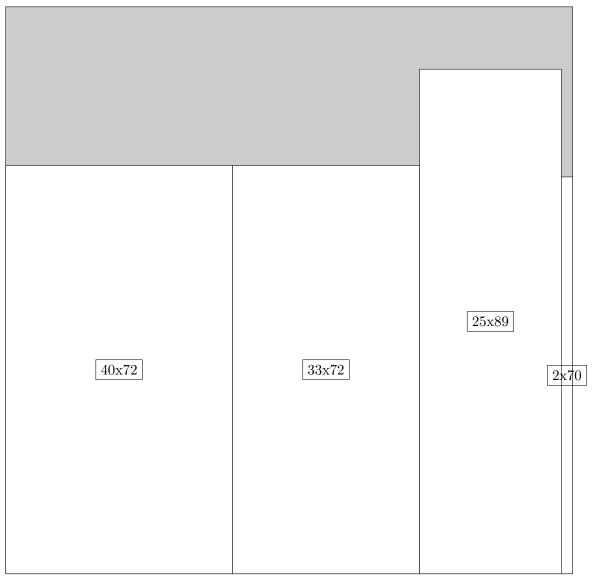
$$\begin{array}{l} w = \! 82 \; , \; h = \! 44 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 3608 \\ w = \! 43 \; , \; h = \! 49 \; , \; x = \! 0 \; , \; y = \! 44 \; , \; v = \! 2107 \\ \end{array}$$

$$w = 80$$
, $h = 1$, $x = 0$, $y = 93$, $v = 80$

$$\mathbf{w}$$
 =2 , h =71 , x =82 , y =0 , v =142



 $\begin{array}{l} w = \!\! 47 \; , \; h = \!\! 68 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 3196 \\ w = \!\! 38 \; , \; h = \!\! 78 \; , \; x = \!\! 56 \; , \; y = \!\! 0 \; , \; v = \!\! 2964 \\ w = \!\! 9 \; , \; h = \!\! 68 \; , \; x = \!\! 47 \; , \; y = \!\! 0 \; , \; v = \!\! 612 \\ w = \!\! 6 \; , \; h = \!\! 76 \; , \; x = \!\! 94 \; , \; y = \!\! 0 \; , \; v = \!\! 456 \end{array}$



 $\begin{array}{l} w = \!\! 40 \ , \ h = \!\! 72 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 2880 \\ w = \!\! 33 \ , \ h = \!\! 72 \ , \ x = \!\! 40 \ , \ y = \!\! 0 \ , \ v = \!\! 2376 \\ w = \!\! 25 \ , \ h = \!\! 89 \ , \ x = \!\! 73 \ , \ y = \!\! 0 \ , \ v = \!\! 2225 \\ w = \!\! 2 \ , \ h = \!\! 70 \ , \ x = \!\! 98 \ , \ y = \!\! 0 \ , \ v = \!\! 140 \end{array}$

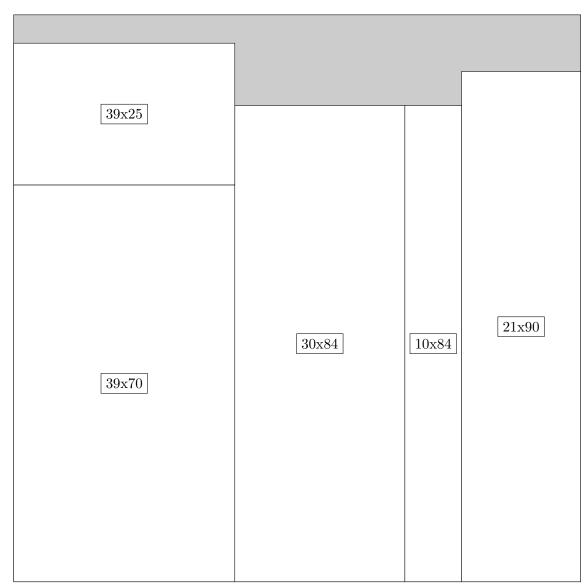
37x12		
37x74	$30 \mathrm{x} 86$	33x67

$$\le =37$$
 , h =74 , x =0 , y =0 , v =2738

$$\le =30$$
 , h =86 , x =37 , y =0 , v =2580

$$\le =33$$
 , h =67 , x =67 , y =0 , v =2211

$$\le =37$$
 , h =12 , x =0 , y =74 , v =444



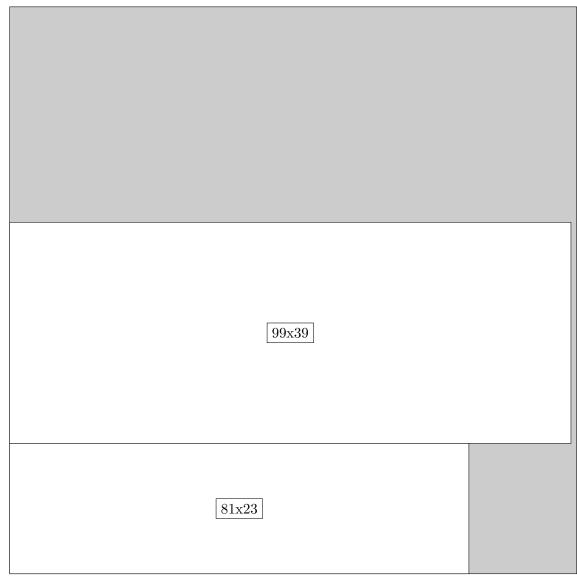
$$\mathbf{w}$$
 =39 , h =70 , x =0 , y =0 , v =2730

$$\le =30$$
 , h =84 , x =39 , y =0 , v =2520

$$\le =21$$
 , $h=90$, $x=79$, $y=0$, $v=1890$

$$\le =39$$
 , h =25 , x =0 , y =70 , v =975

$$w = 10$$
, $h = 84$, $x = 69$, $y = 0$, $v = 840$



$$\begin{array}{l} w = \! 99 \ , \ h = \! 39 \ , \ x = \! 0 \ , \ y = \! 23 \ , \ v = \! 3861 \\ w = \! 81 \ , \ h = \! 23 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1863 \end{array}$$