$ClassName: \ Class_07.2bp-16$

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

TypeNum: <u>39</u>
Num: <u>40</u>
OutS: <u>120000</u>
InS: <u>90896</u>
Rate: <u>0.757</u>
UB: <u>12</u>
LB0: <u>12</u>

LB: <u>12</u>

LBWithCut: $\underline{\mathbf{12}}$ NodeCut: $\underline{\mathbf{0}}$

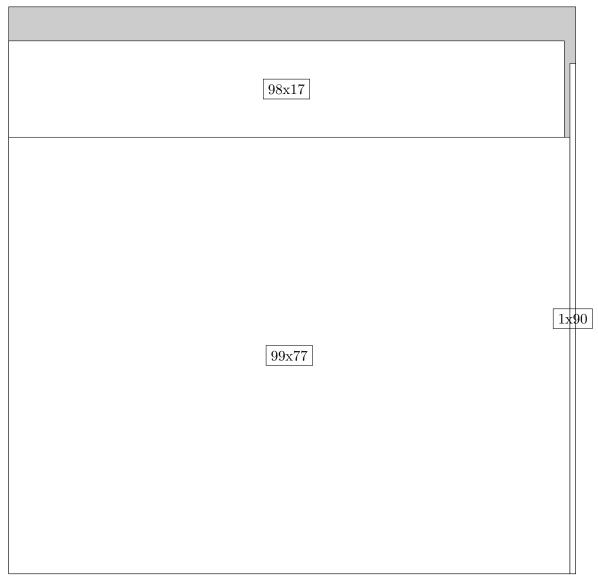
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{12}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

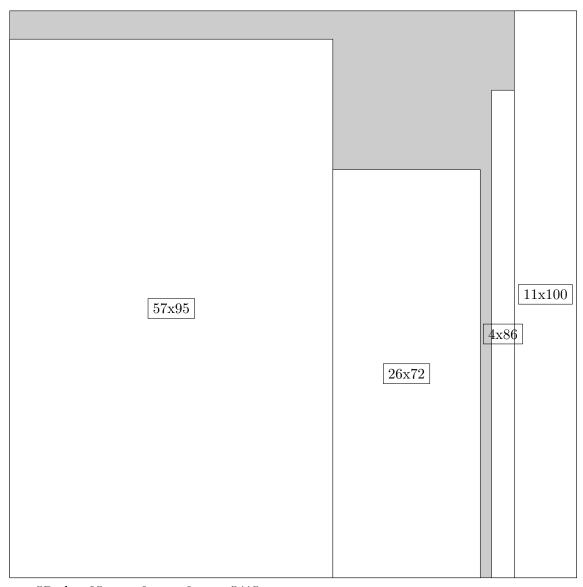
isOpt: $\underline{\mathbf{true}}$

TimeOnInitSolution: $\underline{120.010 \text{ s}}$

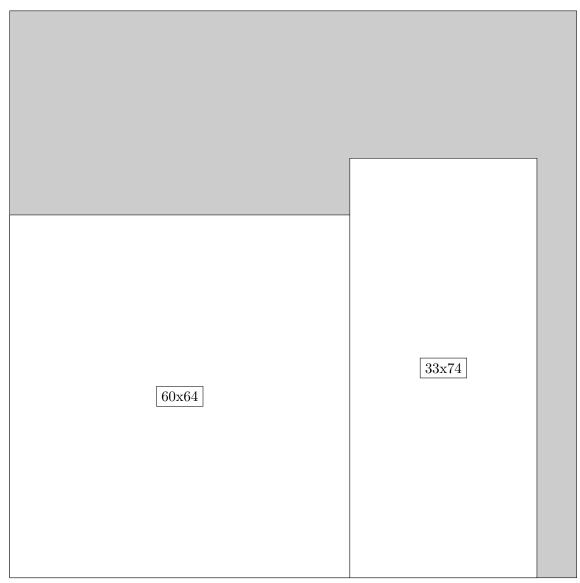
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.079 sTotalTime: 120.135 s

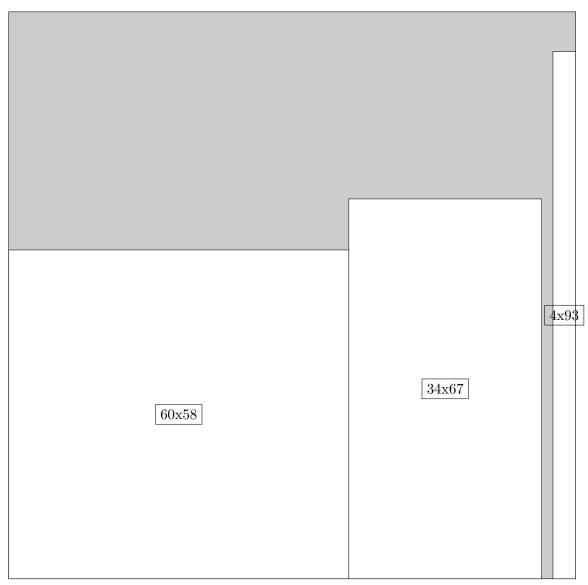


$$\begin{array}{l} w = 99 \ , \ h = 77 \ , \ x = 0 \ , \ y = 0 \ , \ v = 7623 \\ w = 1 \ , \ h = 90 \ , \ x = 99 \ , \ y = 0 \ , \ v = 90 \\ w = 98 \ , \ h = 17 \ , \ x = 0 \ , \ y = 77 \ , \ v = 1666 \end{array}$$

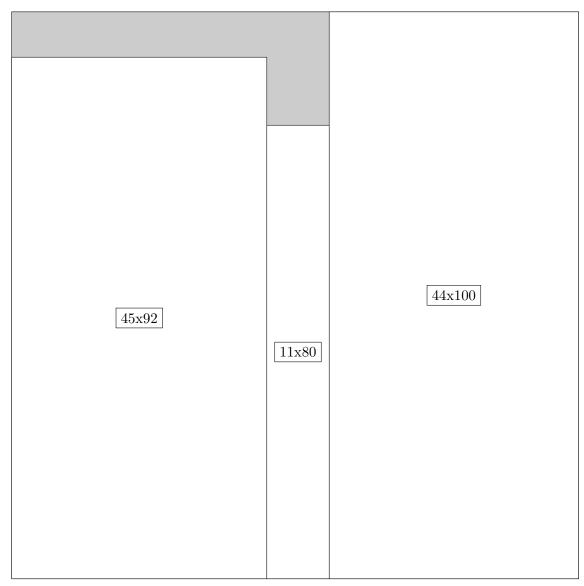


 $\begin{array}{l} w = \!\!57 \;,\; h = \!\!95 \;,\; x = \!\!0 \;,\; y = \!\!0 \;,\; v = \!\!5415 \\ w = \!\!26 \;,\; h = \!\!72 \;,\; x = \!\!57 \;,\; y = \!\!0 \;,\; v = \!\!1872 \\ w = \!\!11 \;,\; h = \!\!100 \;,\; x = \!\!89 \;,\; y = \!\!0 \;,\; v = \!\!1100 \\ w = \!\!4 \;,\; h = \!\!86 \;,\; x = \!\!85 \;,\; y = \!\!0 \;,\; v = \!\!344 \end{array}$





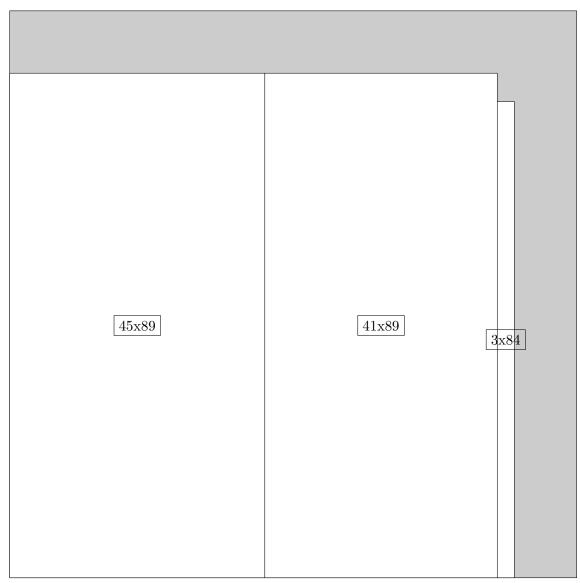
 $\begin{array}{l} w = \!\!60 \ , \ h = \!\!58 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!3480 \\ w = \!\!34 \ , \ h = \!\!67 \ , \ x = \!\!60 \ , \ y = \!\!0 \ , \ v = \!\!2278 \\ w = \!\!4 \ , \ h = \!\!93 \ , \ x = \!\!96 \ , \ y = \!\!0 \ , \ v = \!\!372 \end{array}$



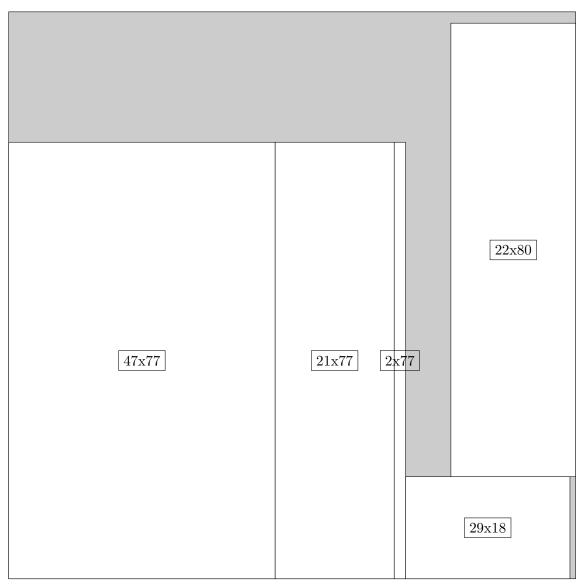
w = 44, h = 100, x = 56, y = 0, v = 4400

 \mathbf{w} =45 , h =92 , x =0 , y =0 , v =4140

 $\le =11$, h =80 , x =45 , y =0 , v =880



 $\begin{array}{l} w = \! 45 \ , \ h = \! 89 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4005 \\ w = \! 41 \ , \ h = \! 89 \ , \ x = \! 45 \ , \ y = \! 0 \ , \ v = \! 3649 \\ w = \! 3 \ , \ h = \! 84 \ , \ x = \! 86 \ , \ y = \! 0 \ , \ v = \! 252 \end{array}$



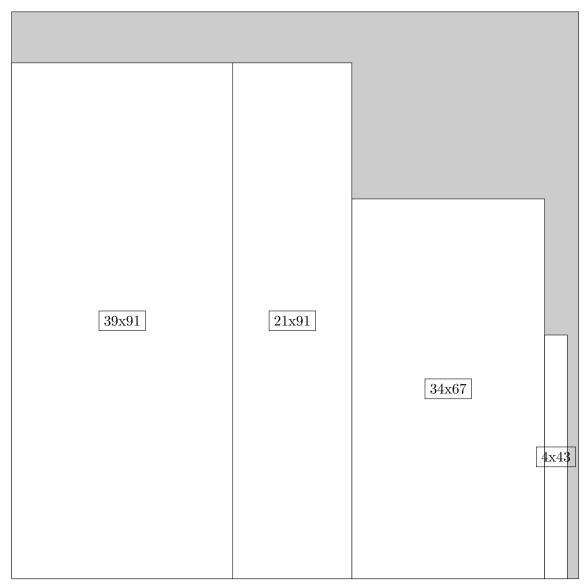
 \mathbf{w} =47 , h =77 , x =0 , y =0 , v =3619

 $\le =22$, h =80 , x =78 , y =18 , v =1760

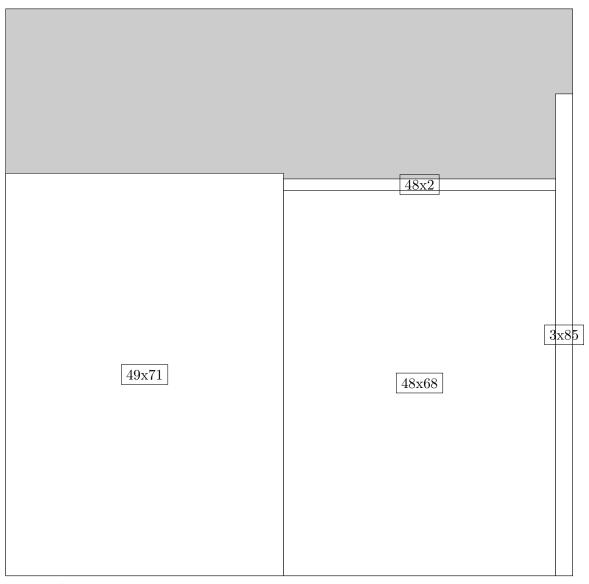
 $\le =21$, h=77 , x=47 , y=0 , v=1617

 $\le =29$, h=18 , x=70 , y=0 , v=522

w=2 , $h=\!77$, $x=\!68$, $y=\!0$, $v=\!154$

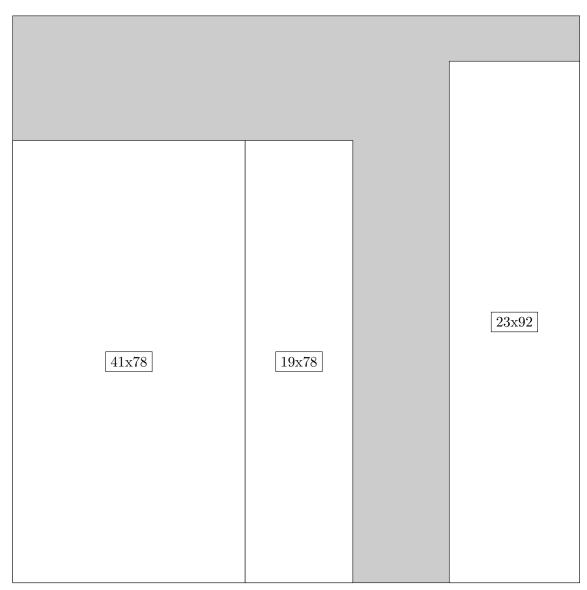


 $\begin{array}{l} w = & 39 \ , \ h = & 91 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 3549 \\ w = & 34 \ , \ h = & 67 \ , \ x = & 60 \ , \ y = & 0 \ , \ v = & 2278 \\ w = & 21 \ , \ h = & 91 \ , \ x = & 39 \ , \ y = & 0 \ , \ v = & 1911 \\ w = & 4 \ , \ h = & 43 \ , \ x = & 94 \ , \ y = & 0 \ , \ v = & 172 \end{array}$



 $\begin{array}{l} w = \! 49 \ , \ h = \! 71 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3479 \\ w = \! 48 \ , \ h = \! 68 \ , \ x = \! 49 \ , \ y = \! 0 \ , \ v = \! 3264 \\ w = \! 3 \ , \ h = \! 85 \ , \ x = \! 97 \ , \ y = \! 0 \ , \ v = \! 255 \end{array}$

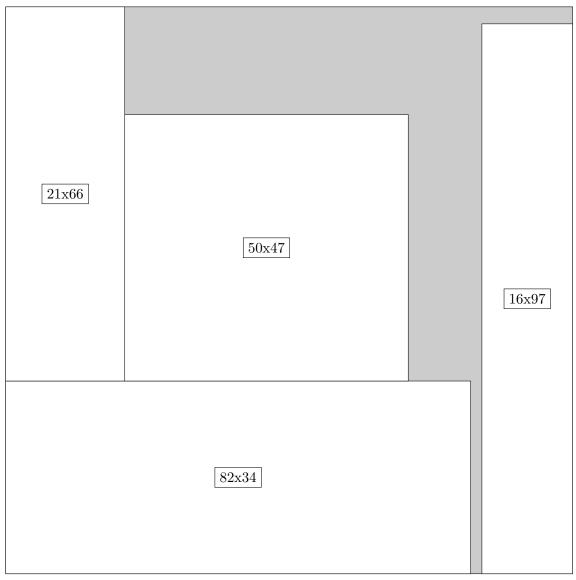
w = 48, h = 2, x = 49, y = 68, v = 96



w = 41, h = 78, x = 0, y = 0, v = 3198

 $\le =23$, h =92 , x =77 , y =0 , v =2116

 \mathbf{w} =19 , h =78 , x =41 , y =0 , v =1482

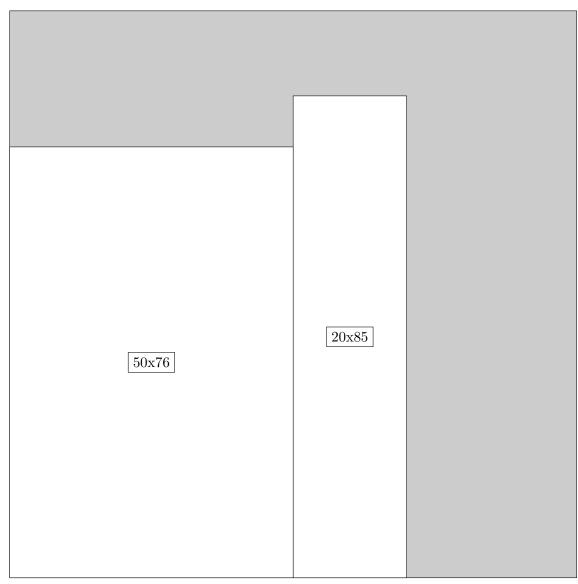


$$\le =82$$
 , h =34 , x =0 , y =0 , v =2788

$$\le =50$$
 , h =47 , x =21 , y =34 , v =2350

$$\le =16$$
 , $h=97$, $x=84$, $y=0$, $v=1552$

$$\le =21$$
 , $h=66$, $x=0$, $y=34$, $v=1386$



$$\begin{array}{l} w = \! 20 \ , \ h = \! 85 \ , \ x = \! 50 \ , \ y = \! 0 \ , \ v = \! 1700 \\ w = \! 50 \ , \ h = \! 76 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3800 \end{array}$$