$ClassName: \ Class_07.2bp-26$

BinSize: 100×100 ReduceSize: 100×100

TypeNum: **60** Num: **60** OutS: 150000InS: 124373Rate: 0.829UB: <u>15</u>

LB0: **15** LB: **15**

LBWithCut: **15** NodeCut: **0**

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

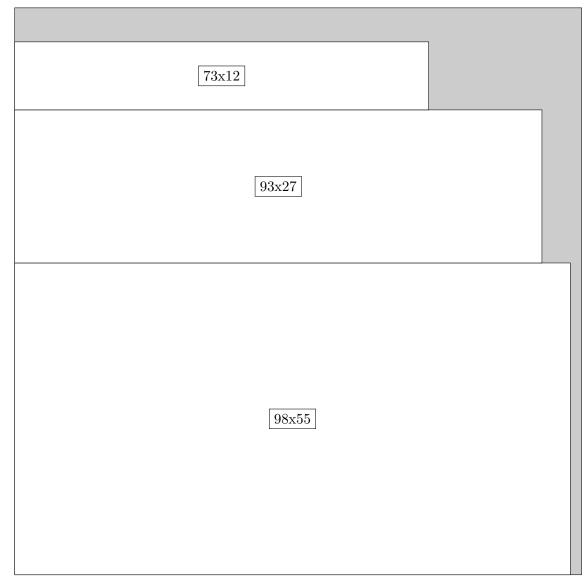
GenNodeCnt: $\mathbf{1}$ PrimalNode: $\mathbf{0}$ ColumnCount: 15 $TotalCutCount: \ \mathbf{0}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

TimeOnInitSolution: $\underline{0.070 \text{ s}}$ TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 s TimeOnRmp: 0.078 sTotalTime: 0.210 s

80x11 91x11 100x69

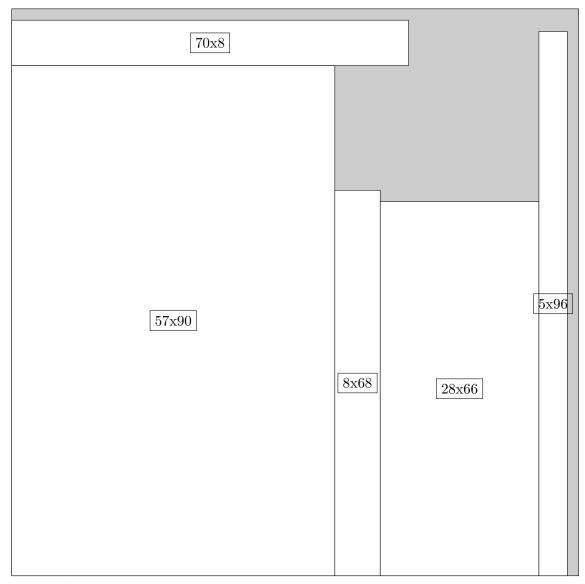
$$\begin{array}{l} w = \! 100 \ , \ h = \! 69 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6900 \\ w = \! 91 \ , \ h = \! 11 \ , \ x = \! 0 \ , \ y = \! 69 \ , \ v = \! 1001 \\ w = \! 80 \ , \ h = \! 11 \ , \ x = \! 0 \ , \ y = \! 80 \ , \ v = \! 880 \end{array}$$



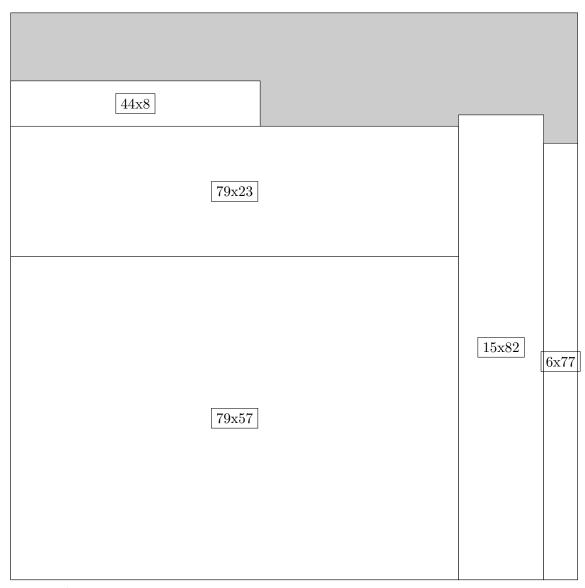
$$w = 98$$
, $h = 55$, $x = 0$, $y = 0$, $v = 5390$

$$\le =93$$
 , h =27 , x =0 , y =55 , v =2511

$$\le -73$$
 , h =12 , x =0 , y =82 , v =876



 $\begin{array}{l} w = \!\!57 \;,\; h = \!\!90 \;,\; x = \!\!0 \;,\; y = \!\!0 \;,\; v = \!\!5130 \\ w = \!\!8 \;,\; h = \!\!68 \;,\; x = \!\!57 \;,\; y = \!\!0 \;,\; v = \!\!544 \\ w = \!\!28 \;,\; h = \!\!66 \;,\; x = \!\!65 \;,\; y = \!\!0 \;,\; v = \!\!1848 \\ w = \!\!70 \;,\; h = \!\!8 \;,\; x = \!\!0 \;,\; y = \!\!90 \;,\; v = \!\!560 \\ w = \!\!5 \;,\; h = \!\!96 \;,\; x = \!\!93 \;,\; y = \!\!0 \;,\; v = \!\!480 \end{array}$



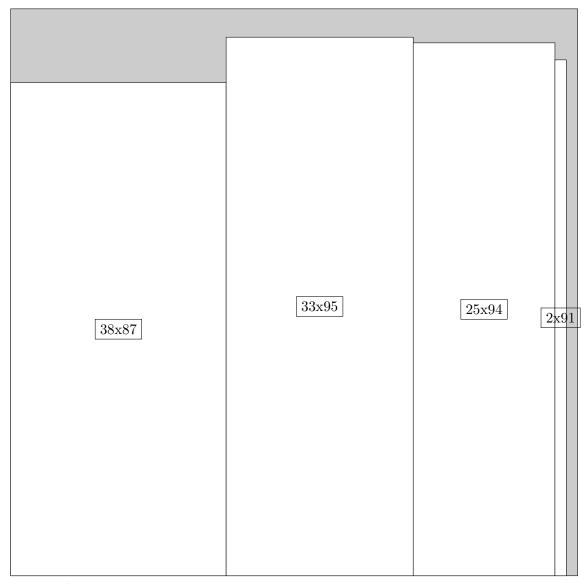
$$\le =79$$
 , h =57 , x =0 , y =0 , v =4503

$$w = 79$$
, $h = 23$, $x = 0$, $y = 57$, $v = 1817$

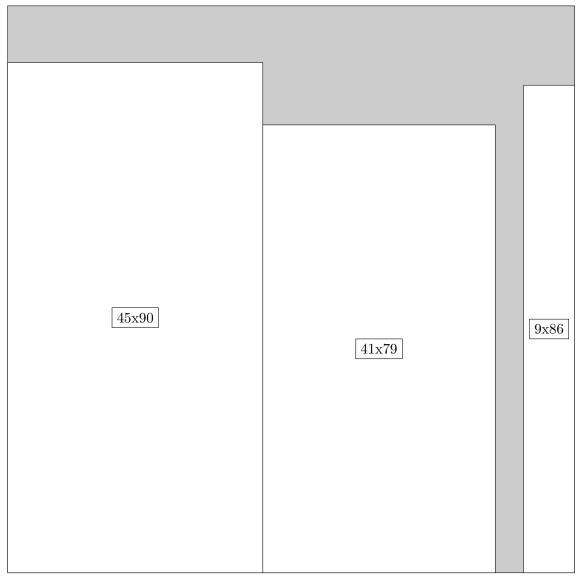
$$\mathbf{w}=\!15$$
 , $\mathbf{h}=\!82$, $\mathbf{x}=\!79$, $\mathbf{y}=\!0$, $\mathbf{v}=\!1230$

$$\mathbf{w}$$
 =6 , h =77 , x =94 , y =0 , v =462

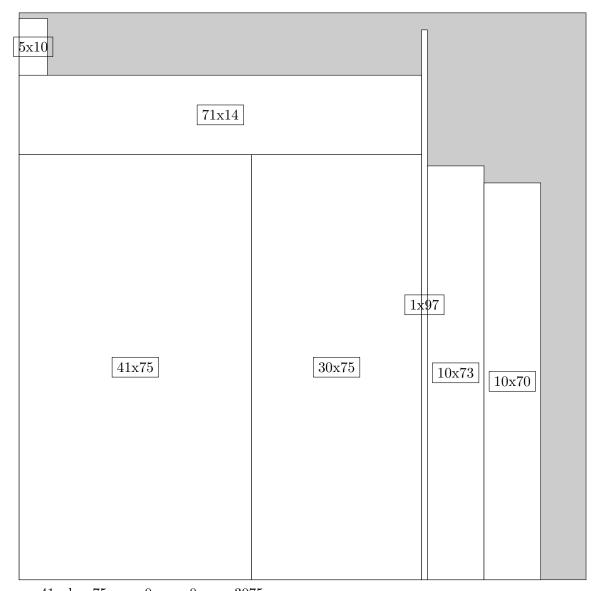
$$\le =44$$
 , h =8 , x =0 , y =80 , v =352



 $\begin{array}{l} w = & 38 \ , \ h = & 87 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 3306 \\ w = & 33 \ , \ h = & 95 \ , \ x = & 38 \ , \ y = & 0 \ , \ v = & 3135 \\ w = & 25 \ , \ h = & 94 \ , \ x = & 71 \ , \ y = & 0 \ , \ v = & 2350 \\ w = & 2 \ , \ h = & 91 \ , \ x = & 96 \ , \ y = & 0 \ , \ v = & 182 \end{array}$



 $\begin{array}{l} w = \!\! 45 \ , \ h = \!\! 90 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4050 \\ w = \!\! 41 \ , \ h = \!\! 79 \ , \ x = \!\! 45 \ , \ y = \!\! 0 \ , \ v = \!\! 3239 \\ w = \!\! 9 \ , \ h = \!\! 86 \ , \ x = \!\! 91 \ , \ y = \!\! 0 \ , \ v = \!\! 774 \end{array}$



$$\begin{array}{l} w = \!\! 41 \ , \ h = \!\! 75 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3075 \\ w = \!\! 30 \ , \ h = \!\! 75 \ , \ x = \!\! 41 \ , \ y = \!\! 0 \ , \ v = \!\! 2250 \end{array}$$

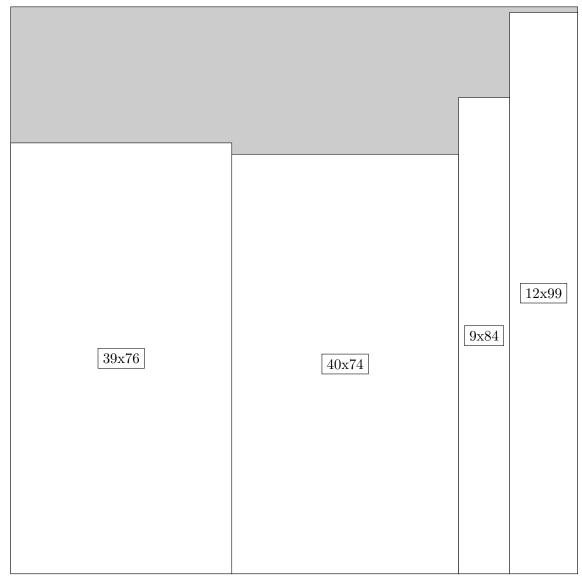
$$\le =71$$
 , h =14 , x =0 , y =75 , v =994

$$w = 10$$
, $h = 73$, $x = 72$, $y = 0$, $v = 730$

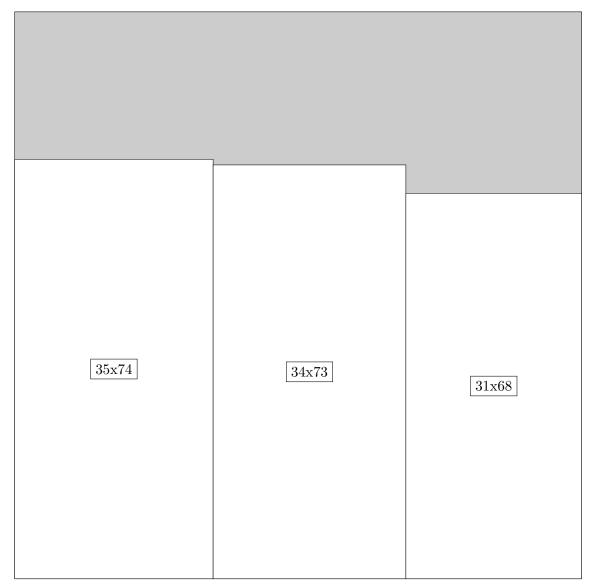
$$w = 10$$
, $h = 70$, $x = 82$, $y = 0$, $v = 700$

$$\mathbf{w}$$
 =1 , h =97 , x =71 , y =0 , v =97

$$w = 5$$
, $h = 10$, $x = 0$, $y = 89$, $v = 50$



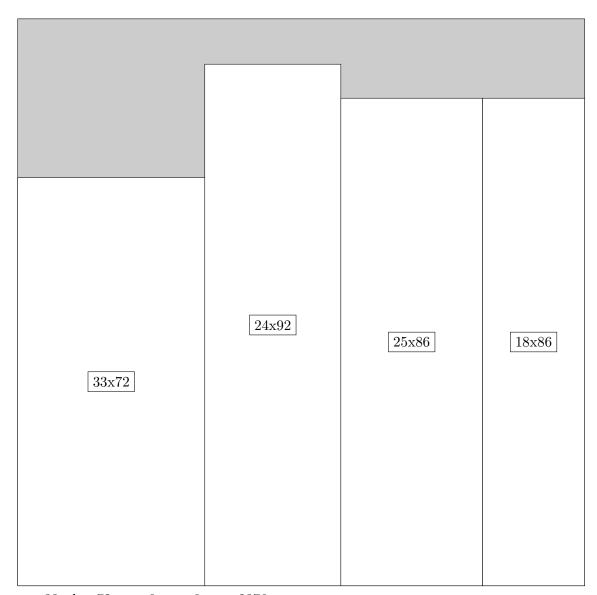
 $\begin{array}{l} w = & 39 \ , \ h = & 76 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 2964 \\ w = & 40 \ , \ h = & 74 \ , \ x = & 39 \ , \ y = & 0 \ , \ v = & 2960 \\ w = & 12 \ , \ h = & 99 \ , \ x = & 88 \ , \ y = & 0 \ , \ v = & 1188 \\ w = & 9 \ , \ h = & 84 \ , \ x = & 79 \ , \ y = & 0 \ , \ v = & 756 \end{array}$



 \mathbf{w} =35 , h =74 , x =0 , y =0 , v =2590

 $\le =34$, h =73 , x =35 , y =0 , v =2482

 $\le =31$, h=68 , x=69 , y=0 , v=2108

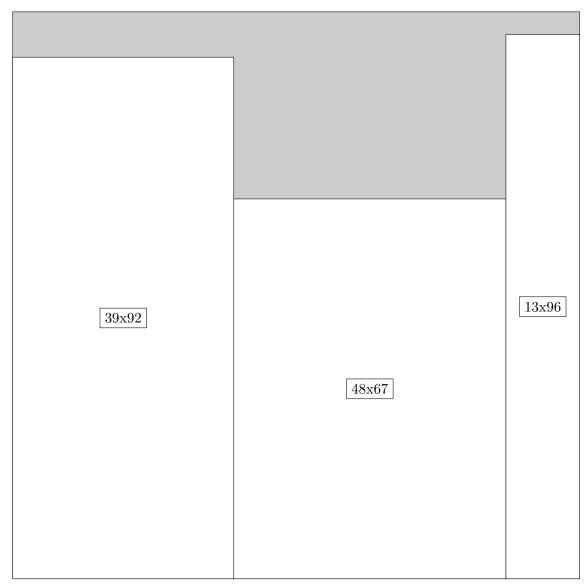


 $\le =33$, h =72 , x =0 , y =0 , v =2376

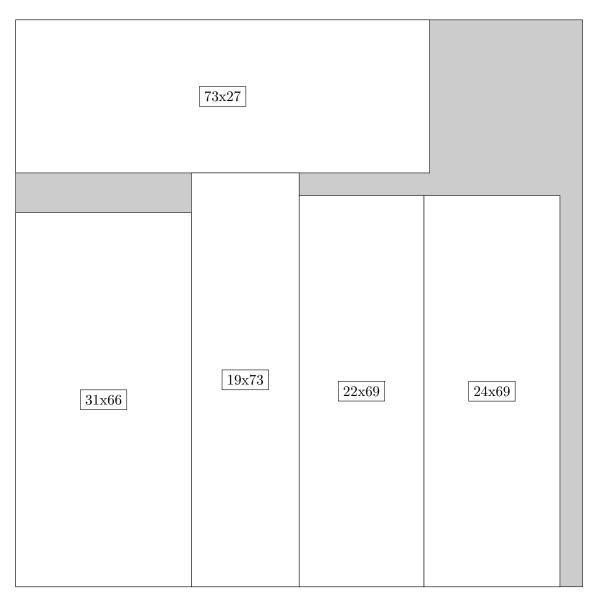
 $\le =24$, h =92 , x =33 , y =0 , v =2208

 $\le =25$, h =86 , x =57 , y =0 , v = 2150

 \mathbf{w} =18 , h =86 , x =82 , y =0 , v =1548



$$\begin{array}{l} w = & 39 \ , \ h = & 92 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 3588 \\ w = & 48 \ , \ h = & 67 \ , \ x = & 39 \ , \ y = & 0 \ , \ v = & 3216 \\ w = & 13 \ , \ h = & 96 \ , \ x = & 87 \ , \ y = & 0 \ , \ v = & 1248 \end{array}$$



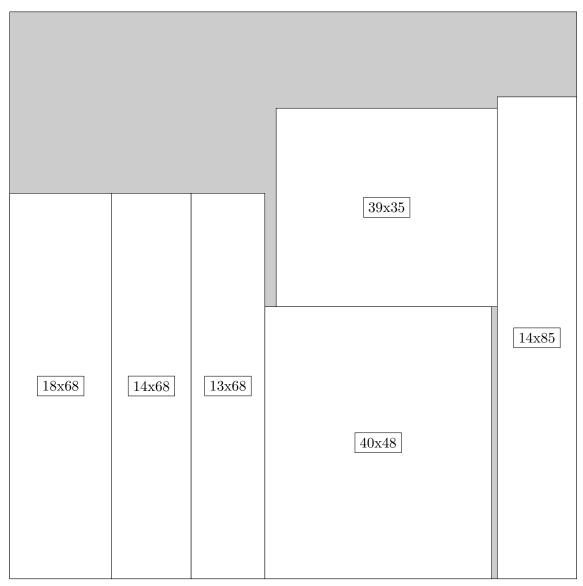
$$w = 31$$
, $h = 66$, $x = 0$, $y = 0$, $v = 2046$

$$w = 73$$
, $h = 27$, $x = 0$, $y = 73$, $v = 1971$

$$\le =24$$
 , h =69 , x =72 , y =0 , v =1656

$$\le =22$$
 , h =69 , x =50 , y =0 , v =1518

$$\mathbf{w}$$
 =19 , h =73 , x =31 , y =0 , v =1387



$$\mathbf{w}$$
 =18 , h =68 , x =0 , y =0 , v =1224

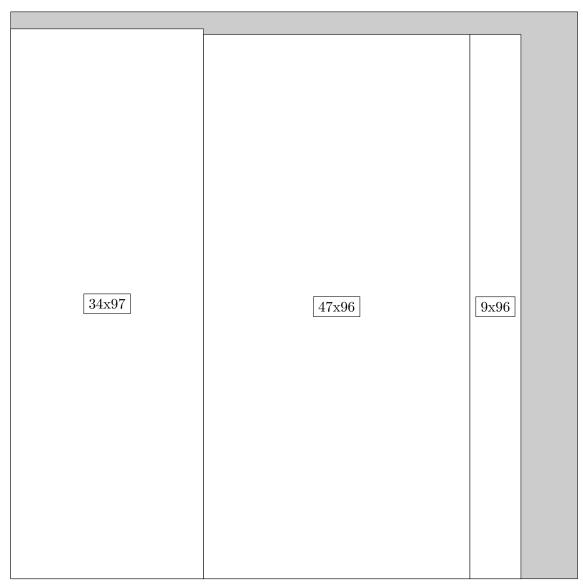
$$\mathbf{w}$$
 =40 , h =48 , x =45 , y =0 , v =1920

$$\le =39$$
 , h =35 , x =47 , y =48 , v =1365

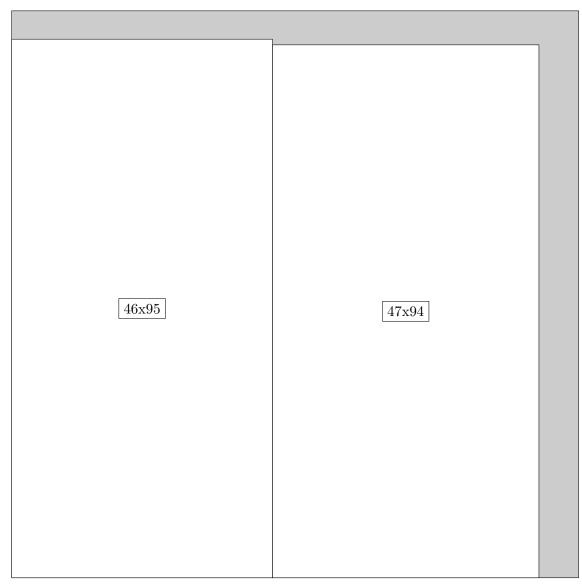
$$\le =14$$
 , h =85 , x =86 , y =0 , v =1190

$$\le =14$$
 , $h=68$, $x=18$, $y=0$, $v=952$

$$\le =13$$
 , $h=68$, $x=32$, $y=0$, $v=884$



 $\begin{array}{l} w = \!\!47 \;,\; h = \!\!96 \;,\; x = \!\!34 \;,\; y = \!\!0 \;,\; v = \!\!4512 \\ w = \!\!34 \;,\; h = \!\!97 \;,\; x = \!\!0 \;,\; y = \!\!0 \;,\; v = \!\!3298 \\ w = \!\!9 \;,\; h = \!\!96 \;,\; x = \!\!81 \;,\; y = \!\!0 \;,\; v = \!\!864 \end{array}$



$$\begin{array}{l} w = \!\! 47 \ , \ h = \!\! 94 \ , \ x = \!\! 46 \ , \ y = \!\! 0 \ , \ v = \!\! 4418 \\ w = \!\! 46 \ , \ h = \!\! 95 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4370 \end{array}$$