$ClassName: \ Class\_07.2bp-23$ 

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

TypeNum: <u>60</u>
Num: <u>60</u>
OutS: <u>150000</u>
InS: <u>128151</u>
Rate: <u>0.854</u>
UB: <u>15</u>
LB0: <u>15</u>
LB: <u>15</u>

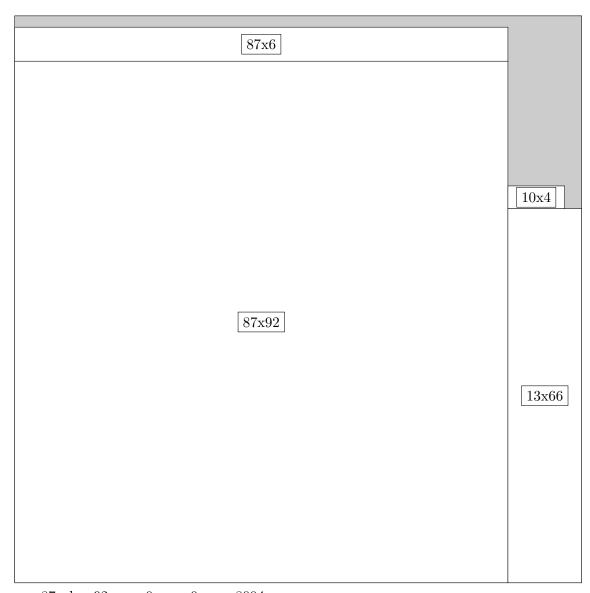
LBWithCut:  $\underline{\bf 15}$ NodeCut:  $\underline{\bf 0}$ 

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

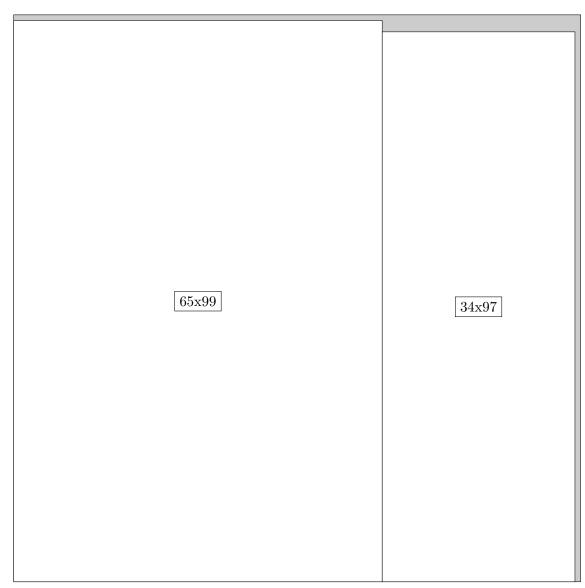
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{15}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

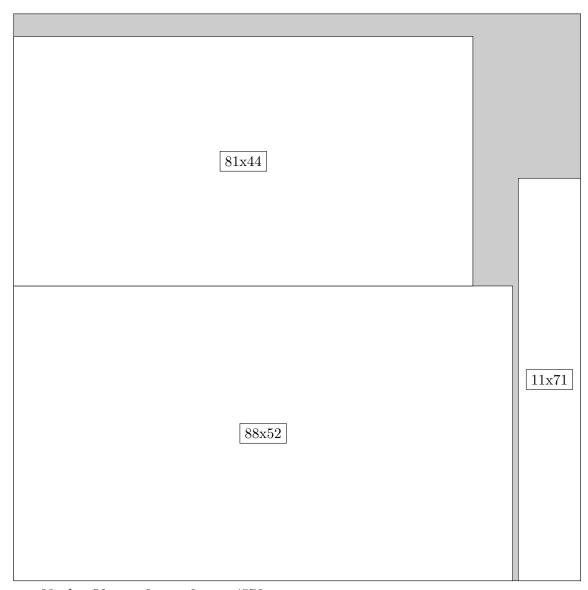
TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{0.000 \text{ s}}$ TimeOnRmp:  $\underline{0.078 \text{ s}}$ TotalTime:  $\underline{0.125 \text{ s}}$ 



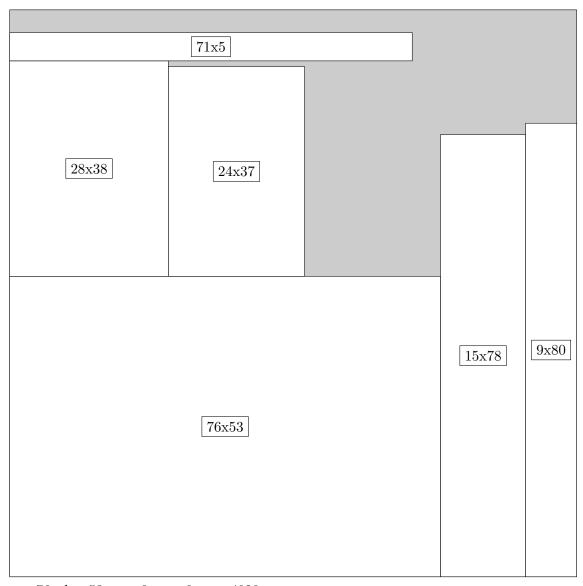
$$\begin{array}{l} w = \! 87 \; , \; h = \! 92 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8004 \\ w = \! 13 \; , \; h = \! 66 \; , \; x = \! 87 \; , \; y = \! 0 \; , \; v = \! 858 \\ w = \! 87 \; , \; h = \! 6 \; , \; x = \! 0 \; , \; y = \! 92 \; , \; v = \! 522 \\ w = \! 10 \; , \; h = \! 4 \; , \; x = \! 87 \; , \; y = \! 66 \; , \; v = \! 40 \end{array}$$



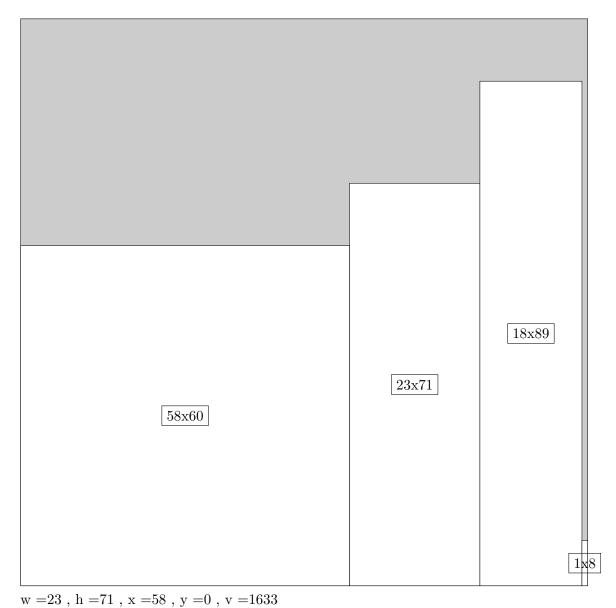
$$\begin{array}{c} w = \!\! 65 \; , \; h = \!\! 99 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 6435 \\ w = \!\! 34 \; , \; h = \!\! 97 \; , \; x = \!\! 65 \; , \; y = \!\! 0 \; , \; v = \!\! 3298 \\ \end{array}$$



$$\begin{array}{l} w = \! 88 \; , \; h = \! 52 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4576 \\ w = \! 81 \; , \; h = \! 44 \; , \; x = \! 0 \; , \; y = \! 52 \; , \; v = \! 3564 \end{array}$$



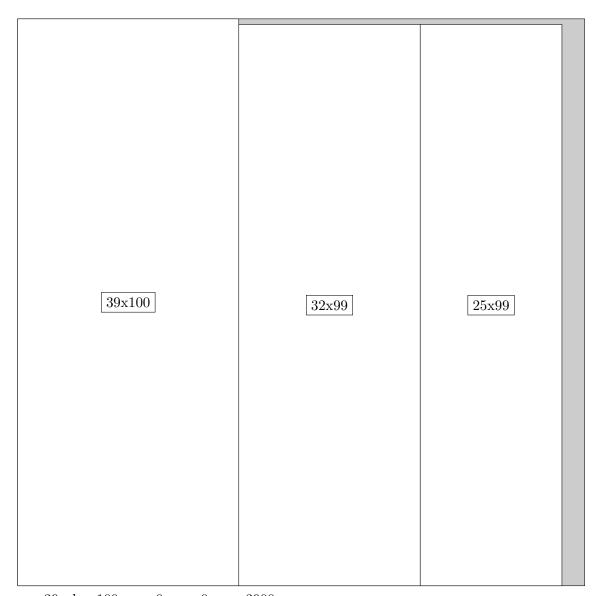
$$\begin{array}{l} w=76\;,\; h=53\;,\; x=0\;,\; y=0\;,\; v=4028\\ w=15\;,\; h=78\;,\; x=76\;,\; y=0\;,\; v=1170\\ w=28\;,\; h=38\;,\; x=0\;,\; y=53\;,\; v=1064\\ w=24\;,\; h=37\;,\; x=28\;,\; y=53\;,\; v=888\\ w=9\;,\; h=80\;,\; x=91\;,\; y=0\;,\; v=720\\ w=71\;,\; h=5\;,\; x=0\;,\; y=91\;,\; v=355 \end{array}$$



w = 23, h = 71, x = 38, y = 0, v = 1033 w = 58, h = 60, x = 0, y = 0, v = 3480

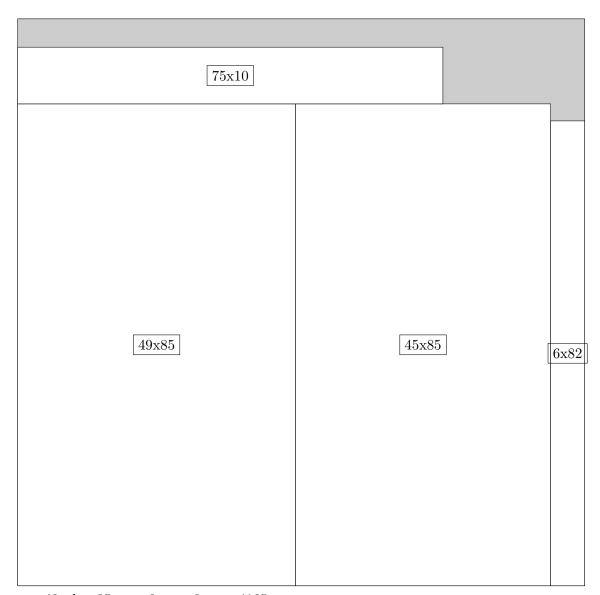
 $\le =18$  , h =89 , x =81 , y =0 , v =1602

 $\mathbf{w}$  =1 , h =8 , x =99 , y =0 , v =8

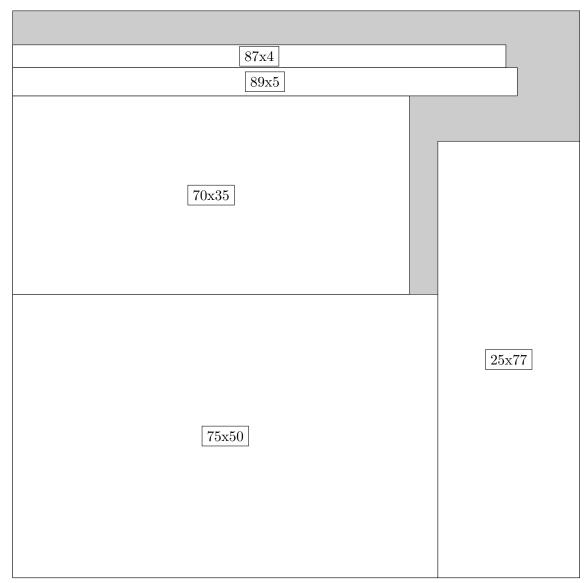


 $\begin{array}{l} w = & 39 \ , \ h = & 100 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 3900 \\ w = & 32 \ , \ h = & 99 \ , \ x = & 39 \ , \ y = & 0 \ , \ v = & 3168 \end{array}$ 

w = 25 , h = 99 , x = 71 , y = 0 , v = 2475



$$\begin{array}{l} w = \!\! 49 \ , \ h = \!\! 85 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4165 \\ w = \!\! 45 \ , \ h = \!\! 85 \ , \ x = \!\! 49 \ , \ y = \!\! 0 \ , \ v = \!\! 3825 \\ w = \!\! 75 \ , \ h = \!\! 10 \ , \ x = \!\! 0 \ , \ y = \!\! 85 \ , \ v = \!\! 750 \\ w = \!\! 6 \ , \ h = \!\! 82 \ , \ x = \!\! 94 \ , \ y = \!\! 0 \ , \ v = \!\! 492 \end{array}$$



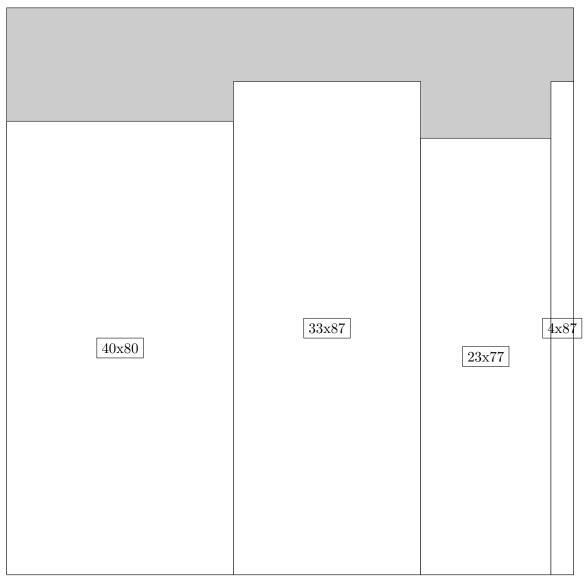
$$w = 75$$
,  $h = 50$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3750$ 

$$\le =70$$
 , h =35 , x =0 , y =50 , v =2450

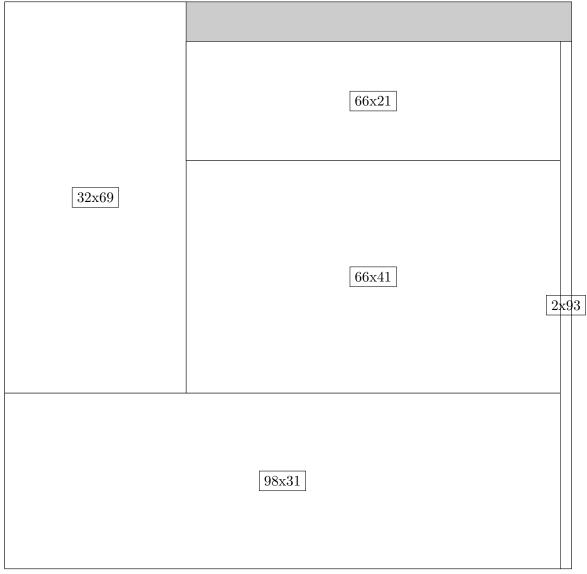
$$\le =25$$
 ,  $h=77$  ,  $x=75$  ,  $y=0$  ,  $v=1925$ 

$$\le =89$$
 , h =5 , x =0 , y =85 , v =445

$$\le =87$$
 , h =4 , x =0 , y =90 , v =348



$$\begin{array}{l} w = \!\! 40 \ , \ h = \!\! 80 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3200 \\ w = \!\! 33 \ , \ h = \!\! 87 \ , \ x = \!\! 40 \ , \ y = \!\! 0 \ , \ v = \!\! 2871 \\ w = \!\! 23 \ , \ h = \!\! 77 \ , \ x = \!\! 73 \ , \ y = \!\! 0 \ , \ v = \!\! 1771 \\ w = \!\! 4 \ , \ h = \!\! 87 \ , \ x = \!\! 96 \ , \ y = \!\! 0 \ , \ v = \!\! 348 \end{array}$$



$$\le =98$$
 , h =31 , x =0 , y =0 , v =3038

$$\le =66$$
 , h =41 , x =32 , y =31 , v =2706

$$\le =32$$
 , h =69 , x =0 , y =31 , v =2208

$$\le =66$$
 , h =21 , x =32 , y =72 , v =1386

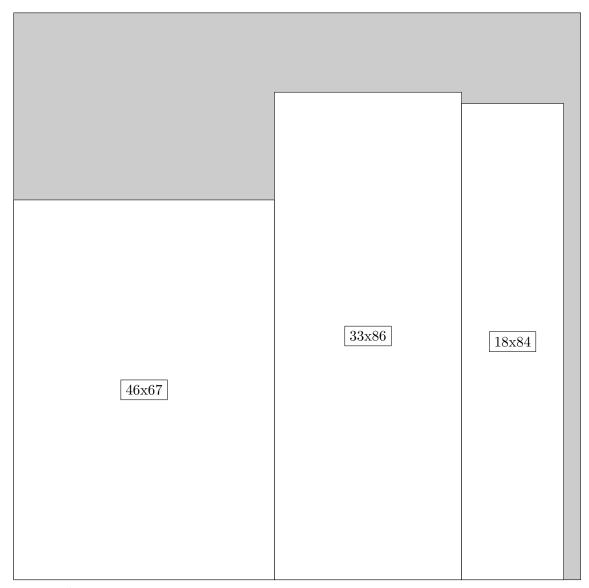
$$\mathbf{w}$$
 =2 , h =93 , x =98 , y =0 , v =186

| 37x82 | 33x82 | 30x86 |
|-------|-------|-------|

$$w = 37$$
,  $h = 82$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3034$ 

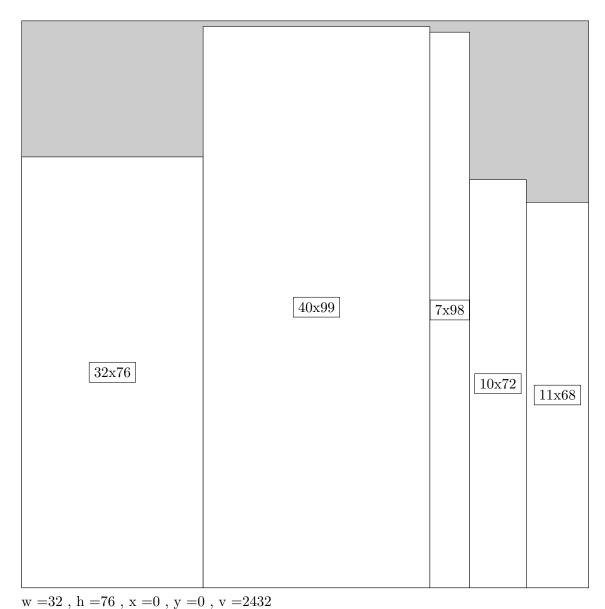
$$\le =33$$
 , h =82 , x =37 , y =0 , v =2706

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

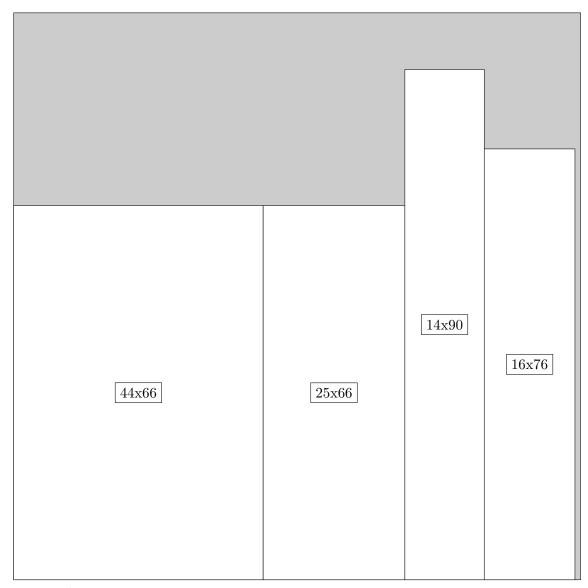


$$\begin{array}{l} w = \!\! 46 \ , \ h = \!\! 67 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3082 \\ w = \!\! 33 \ , \ h = \!\! 86 \ , \ x = \!\! 46 \ , \ y = \!\! 0 \ , \ v = \!\! 2838 \end{array}$$

$$\le =18$$
 , h =84 , x =79 , y =0 , v =1512



w = 40, h = 99, x = 32, y = 0, v = 3960 w = 11, h = 68, x = 89, y = 0, v = 748 w = 10, h = 72, x = 79, y = 0, v = 720 w = 7, h = 98, x = 72, y = 0, v = 686

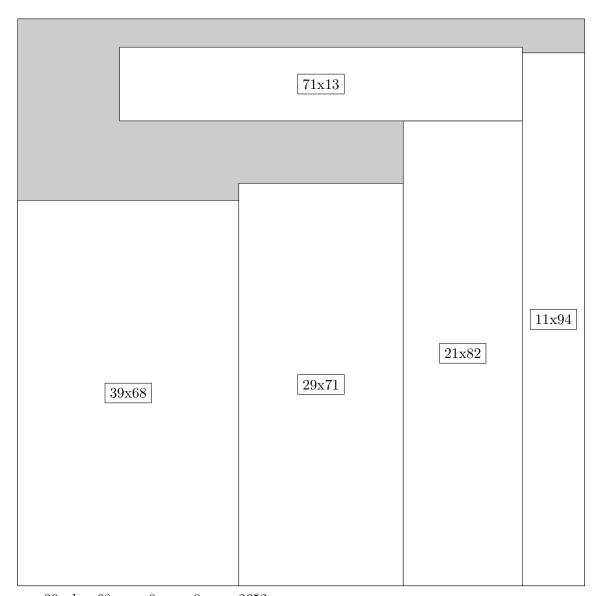


 $\mathbf{w}$  =44 , h =66 , x =0 , y =0 , v =2904

 $\le =25$  , h =66 , x =44 , y =0 , v =1650

 $\le =14$  , h=90 , x=69 , y=0 , v=1260

 $\mathbf{w}$  =16 , h =76 , x =83 , y =0 , v =1216



$$\begin{array}{l} w = \! 39 \ , \ h = \! 68 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2652 \\ w = \! 29 \ , \ h = \! 71 \ , \ x = \! 39 \ , \ y = \! 0 \ , \ v = \! 2059 \end{array}$$

$$\le =21$$
 , h =82 , x =68 , y =0 , v =1722

$$\le =11$$
 ,  $h$  =94 ,  $x$  =89 ,  $y$  =0 ,  $v$  =1034

$$w = 71$$
,  $h = 13$ ,  $x = 18$ ,  $y = 82$ ,  $v = 923$