${\bf ClassName:}~{\bf Class\_10.2bp\text{-}30}$ 

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>130000</u> InS: <u>117391</u> Rate: <u>0.903</u> UB: <u>13</u>

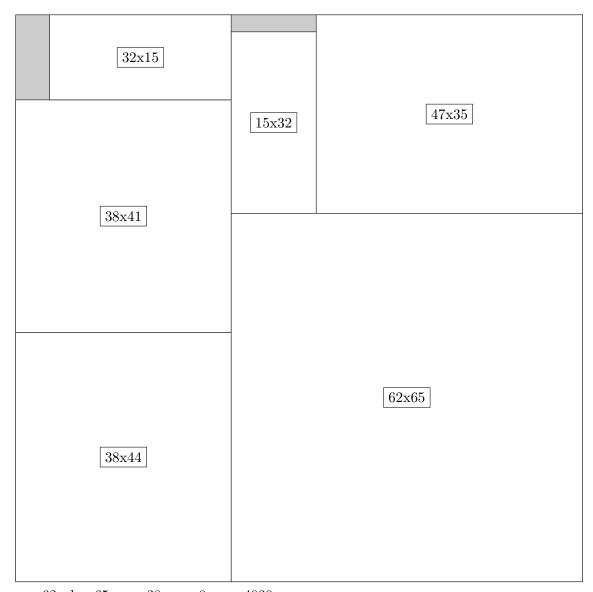
LB:  $\underline{13}$ LBWithCut:  $\underline{13}$ NodeCount:  $\underline{0}$ PrimalNode:  $\underline{0}$ ColumnCount:  $\underline{67}$ TotalCutCount:  $\underline{0}$ RootCutCount:  $\underline{0}$ LPSolverCnt:  $\underline{55}$ 

PricingSolverCnt: <u>55</u>
BranchAndBoundNum: <u>1</u>

isOpt: false

TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{2999.757 \text{ s}}$ 

TimeOnRmp:  $\underline{0.079 \text{ s}}$ TotalTime:  $\underline{3000.007 \text{ s}}$ 



$$\le =62$$
 ,  $h=65$  ,  $x=38$  ,  $y=0$  ,  $v=4030$ 

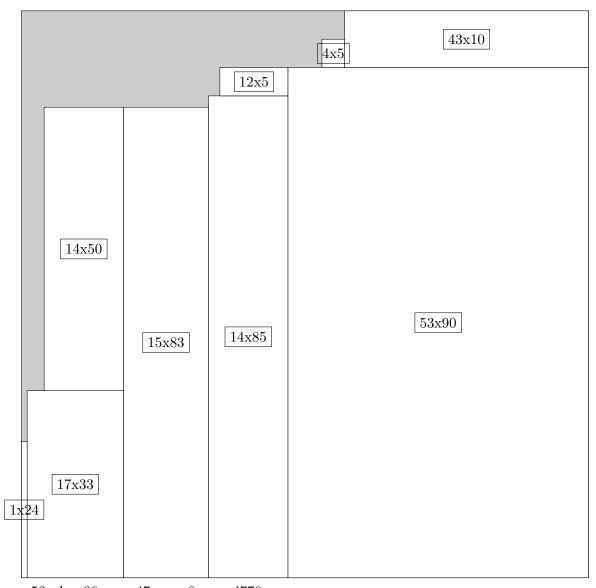
$$w=\!\!47$$
 ,  $h=\!\!35$  ,  $x=\!\!53$  ,  $y=\!\!65$  ,  $v=\!\!1645$ 

$$\le =15$$
 , h =32 , x =38 , y =65 , v =480

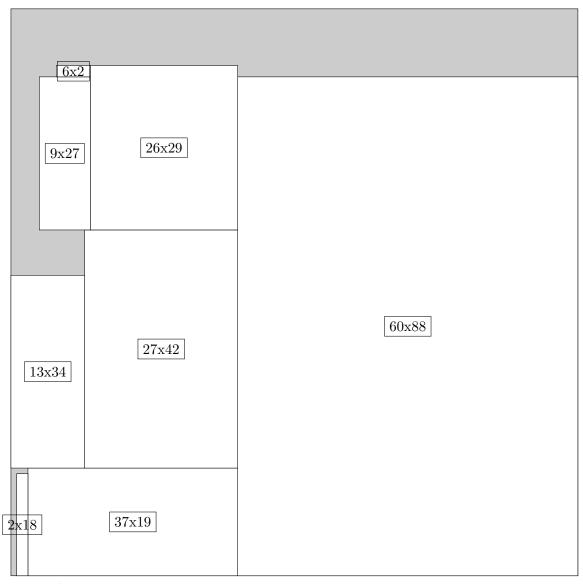
$$\le =38$$
 , h =44 , x =0 , y =0 , v =1672

$$\le =38$$
 , h =41 , x =0 , y =44 , v =1558

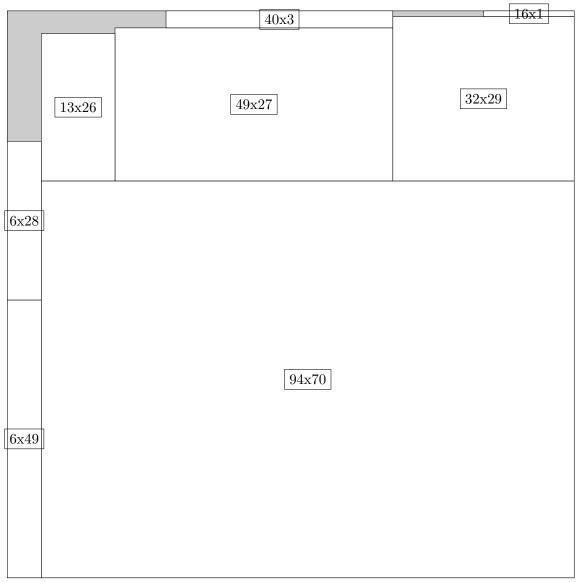
$$\le =32$$
 ,  $h=15$  ,  $x=6$  ,  $y=85$  ,  $v=480$ 



 $\begin{array}{l} w=\!53\;,\; h=\!90\;,\; x=\!47\;,\; y=\!0\;,\; v=\!4770\\ w=\!43\;,\; h=\!10\;,\; x=\!57\;,\; y=\!90\;,\; v=\!430\\ w=\!4\;,\; h=\!5\;,\; x=\!53\;,\; y=\!90\;,\; v=\!20\\ w=\!14\;,\; h=\!85\;,\; x=\!33\;,\; y=\!0\;,\; v=\!1190\\ w=\!12\;,\; h=\!5\;,\; x=\!35\;,\; y=\!85\;,\; v=\!60\\ w=\!15\;,\; h=\!83\;,\; x=\!18\;,\; y=\!0\;,\; v=\!1245\\ w=\!17\;,\; h=\!33\;,\; x=\!1\;,\; y=\!0\;,\; v=\!561\\ w=\!1\;,\; h=\!24\;,\; x=\!0\;,\; y=\!0\;,\; v=\!24\\ w=\!14\;,\; h=\!50\;,\; x=\!4\;,\; y=\!33\;,\; v=\!700\\ \end{array}$ 



 $\begin{array}{l} w=60\;,\; h=88\;,\; x=40\;,\; y=0\;,\; v=5280\\ w=37\;,\; h=19\;,\; x=3\;,\; y=0\;,\; v=703\\ w=2\;,\; h=18\;,\; x=1\;,\; y=0\;,\; v=36\\ w=27\;,\; h=42\;,\; x=13\;,\; y=19\;,\; v=1134\\ w=13\;,\; h=34\;,\; x=0\;,\; y=19\;,\; v=442\\ w=26\;,\; h=29\;,\; x=14\;,\; y=61\;,\; v=754\\ w=9\;,\; h=27\;,\; x=5\;,\; y=61\;,\; v=243\\ w=6\;,\; h=2\;,\; x=8\;,\; y=88\;,\; v=12 \end{array}$ 



$$\le =94$$
 , h =70 , x =6 , y =0 , v =6580

$$w = 32$$
,  $h = 29$ ,  $x = 68$ ,  $y = 70$ ,  $v = 928$ 

$$\le =16$$
 , h =1 , x =84 , y =99 , v =16

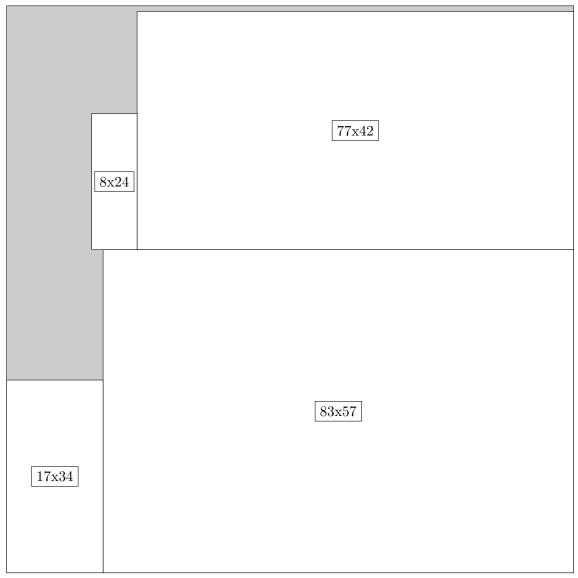
$$\le =49$$
 , h =27 , x =19 , y =70 , v =1323

$$w$$
 =40 , h =3 , x =28 , y =97 , v =120

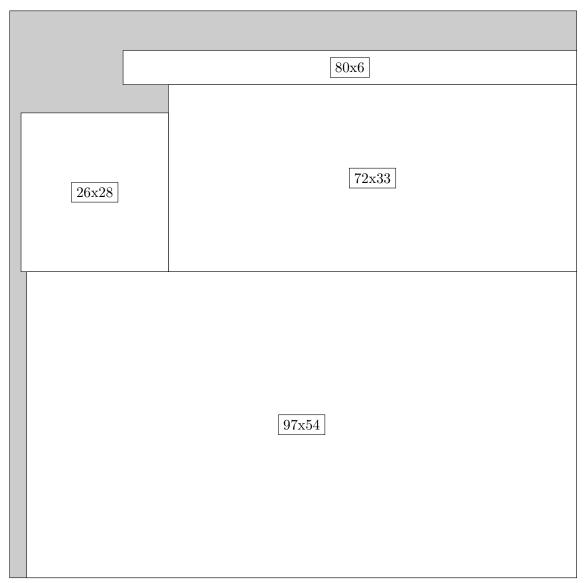
$$\le =13$$
 , h =26 , x =6 , y =70 , v =338

$$\mathbf{w}$$
 =6 , h =49 , x =0 , y =0 , v =294

$$w = 6$$
,  $h = 28$ ,  $x = 0$ ,  $y = 49$ ,  $v = 168$ 



$$\begin{array}{l} w = \! 83 \;, \; h = \! 57 \;, \; x = \! 17 \;, \; y = \! 0 \;, \; v = \! 4731 \\ w = \! 17 \;, \; h = \! 34 \;, \; x = \! 0 \;, \; y = \! 0 \;, \; v = \! 578 \\ w = \! 77 \;, \; h = \! 42 \;, \; x = \! 23 \;, \; y = \! 57 \;, \; v = \! 3234 \\ w = \! 8 \;, \; h = \! 24 \;, \; x = \! 15 \;, \; y = \! 57 \;, \; v = \! 192 \end{array}$$

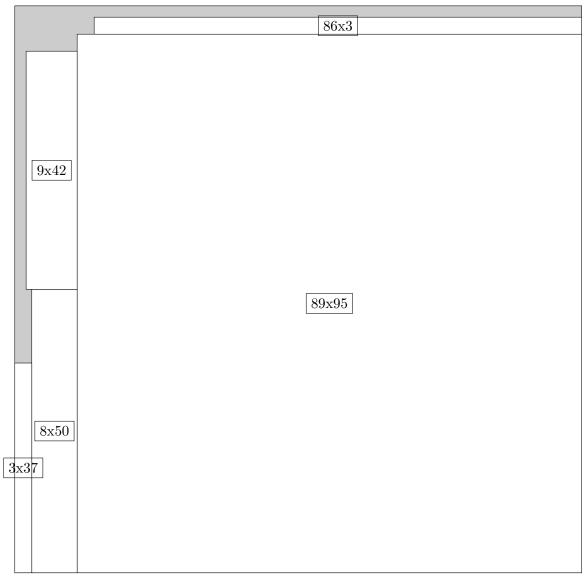


$$\le =97$$
 ,  $h=54$  ,  $x=3$  ,  $y=0$  ,  $v=5238$ 

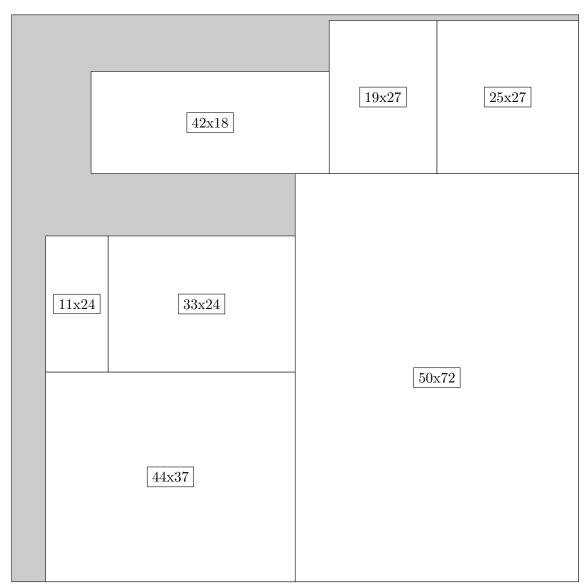
$$\le =72$$
 , h =33 , x =28 , y =54 , v =2376

$$\le =26$$
 , h =28 , x =2 , y =54 , v =728

$$\le =80$$
 ,  $h$  =6 ,  $x$  =20 ,  $y$  =87 ,  $v$  =480



$$\begin{array}{l} w = 89 \; , \; h = 95 \; , \; x = 11 \; , \; y = 0 \; , \; v = 8455 \\ w = 8 \; , \; h = 50 \; , \; x = 3 \; , \; y = 0 \; , \; v = 400 \\ w = 3 \; , \; h = 37 \; , \; x = 0 \; , \; y = 0 \; , \; v = 111 \\ w = 9 \; , \; h = 42 \; , \; x = 2 \; , \; y = 50 \; , \; v = 378 \\ w = 86 \; , \; h = 3 \; , \; x = 14 \; , \; y = 95 \; , \; v = 258 \end{array}$$



$$w=\!50$$
 ,  $h=\!72$  ,  $x=\!50$  ,  $y=\!0$  ,  $v=\!3600$ 

$$\le =44$$
 , h =37 , x =6 , y =0 , v =1628

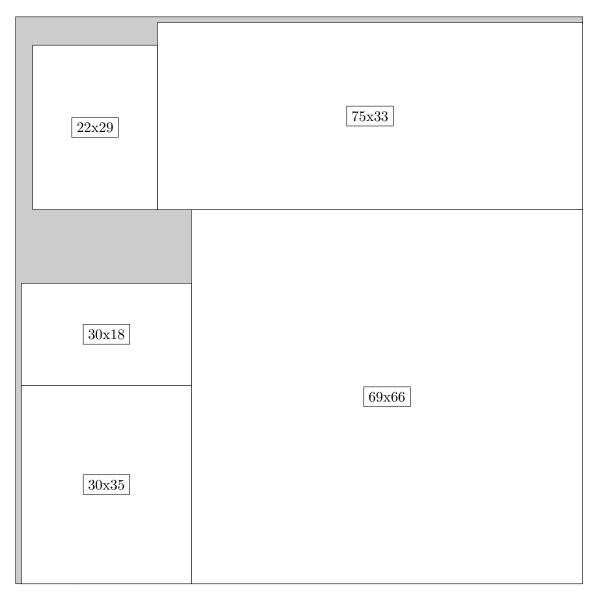
$$w = 33$$
,  $h = 24$ ,  $x = 17$ ,  $y = 37$ ,  $v = 792$ 

$$\le =11$$
 ,  $h=24$  ,  $x=6$  ,  $y=37$  ,  $v=264$ 

$$\le =25$$
 ,  $h=27$  ,  $x=75$  ,  $y=72$  ,  $v=675$ 

$$w$$
 =19 , h =27 , x =  
56 , y =72 , v =  
513

$$w = 42$$
,  $h = 18$ ,  $x = 14$ ,  $y = 72$ ,  $v = 756$ 



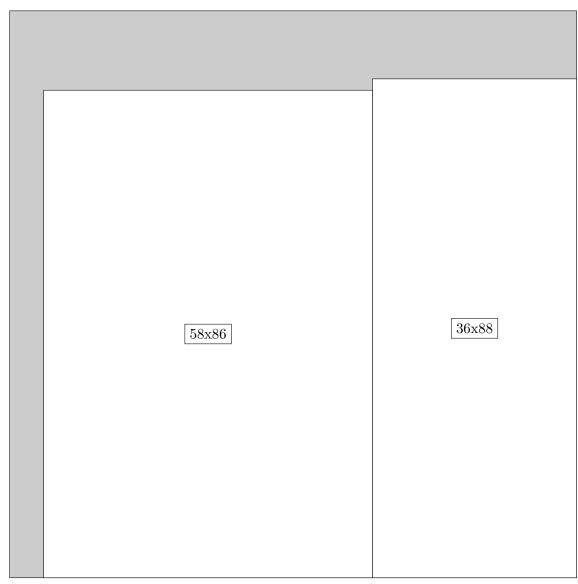
$$\le =69$$
 ,  $h=66$  ,  $x=31$  ,  $y=0$  ,  $v=4554$ 

$$\le =30$$
 ,  $h=35$  ,  $x=1$  ,  $y=0$  ,  $v=1050$ 

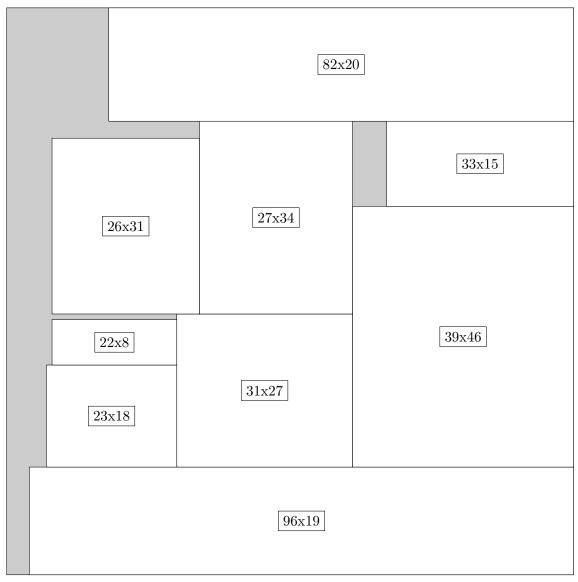
$$\le =30$$
 ,  $h$  =18 ,  $x$  =1 ,  $y$  =35 ,  $v$  =540

$$\le =75$$
 , h =33 , x =25 , y =66 , v =2475

$$\le =22$$
 , h =29 , x =3 , y =66 , v =638



$$\begin{array}{l} w = \!\! 36 \ , \ h = \!\! 88 \ , \ x = \!\! 64 \ , \ y = \!\! 0 \ , \ v = \!\! 3168 \\ w = \!\! 58 \ , \ h = \!\! 86 \ , \ x = \!\! 6 \ , \ y = \!\! 0 \ , \ v = \!\! 4988 \end{array}$$



$$w = 96$$
,  $h = 19$ ,  $x = 4$ ,  $y = 0$ ,  $v = 1824$ 

$$w=\!39$$
 ,  $h=\!46$  ,  $x=\!61$  ,  $y=\!19$  ,  $v=\!1794$ 

$$w=\!33$$
 ,  $h=\!15$  ,  $x=\!67$  ,  $y=\!65$  ,  $v=\!495$ 

$$w = 31$$
,  $h = 27$ ,  $x = 30$ ,  $y = 19$ ,  $v = 837$ 

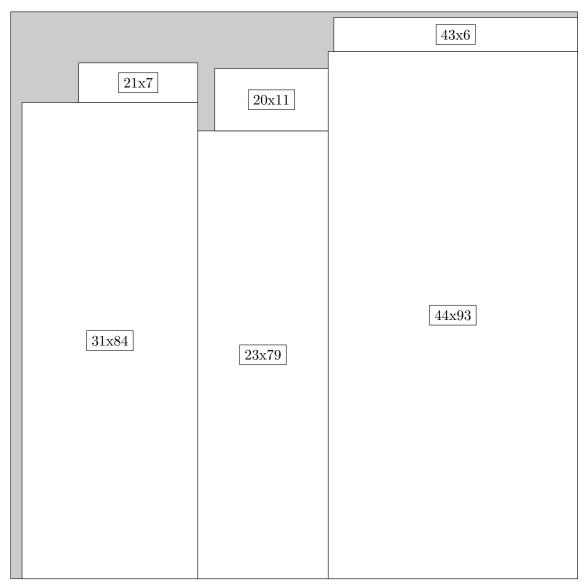
$$\le =23$$
 ,  $h=18$  ,  $x=7$  ,  $y=19$  ,  $v=414$ 

$$w=\!22$$
 ,  $h=\!8$  ,  $x=\!8$  ,  $y=\!37$  ,  $v=\!176$ 

$$w = 27$$
,  $h = 34$ ,  $x = 34$ ,  $y = 46$ ,  $v = 918$ 

$$\le =26$$
 ,  $h=31$  ,  $x=8$  ,  $y=46$  ,  $v=806$ 

$$w = 82$$
,  $h = 20$ ,  $x = 18$ ,  $y = 80$ ,  $v = 1640$ 



$$\le =44$$
 , h =93 , x =  
56 , y =0 , v =  
4092

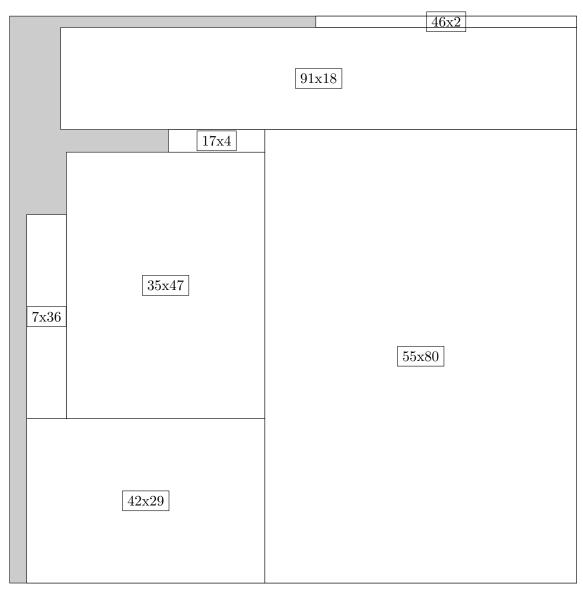
$$w$$
 =23 ,  $h$  =79 ,  $x$  =33 ,  $y$  =0 ,  $v$  =1817

$$\le =20$$
 , h =11 , x =36 , y =79 , v =220

$$\le =31$$
 ,  $h=84$  ,  $x=2$  ,  $y=0$  ,  $v=2604$ 

$$w$$
 =21 , h =7 , x =12 , y =84 , v =147

$$\le =43$$
 ,  $h=6$  ,  $x=\!57$  ,  $y=\!93$  ,  $v=\!258$ 



$$w$$
 =55 ,  $h$  =80 ,  $x$  =45 ,  $y$  =0 ,  $v$  =4400

$$\le =42$$
 , h =29 , x =3 , y =0 , v =1218

$$\le =35$$
 , h =47 , x =10 , y =29 , v =1645

$$w$$
 =17 , h =4 , x =28 , y =76 , v =68

$$w = 7$$
,  $h = 36$ ,  $x = 3$ ,  $y = 29$ ,  $v = 252$ 

$$w$$
 =91 , h =18 , x =9 , y =80 , v =1638

$$w=\!46$$
 ,  $h=\!2$  ,  $x=\!54$  ,  $y=\!98$  ,  $v=\!92$