${\bf ClassName:}~{\bf Class_10.2bp\text{-}30}$

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> LB0: <u>12</u>

LB: $\underline{\mathbf{13}}$ LBWithCut: $\underline{\mathbf{13}}$

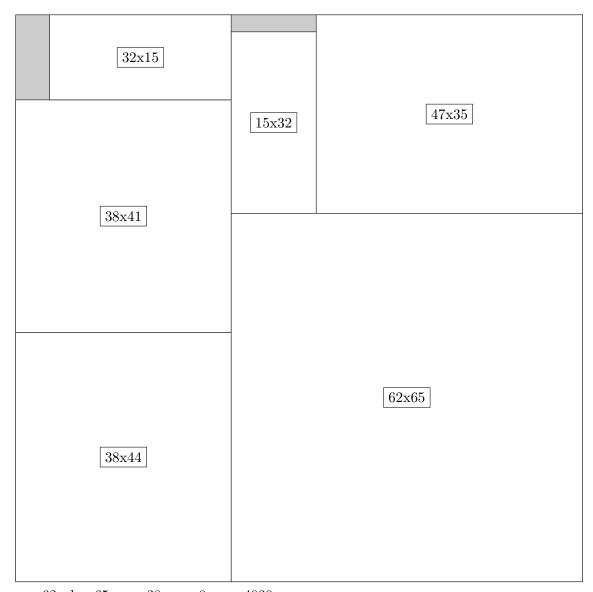
GenNodeCnt: 1
PrimalNode: 0
ColumnCount: 67
TotalCutCount: 0
RootCutCount: 0
LPSolverCnt: 55
PricingSolverCnt: 55
BranchAndBoundNum: 1

isOpt: **false**

TimeOnInitSolution: $\underline{600.000 \text{ s}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 2999.611 s

TimeOnRmp: $\underline{0.128 \text{ s}}$ TotalTime: 3600.004 s



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

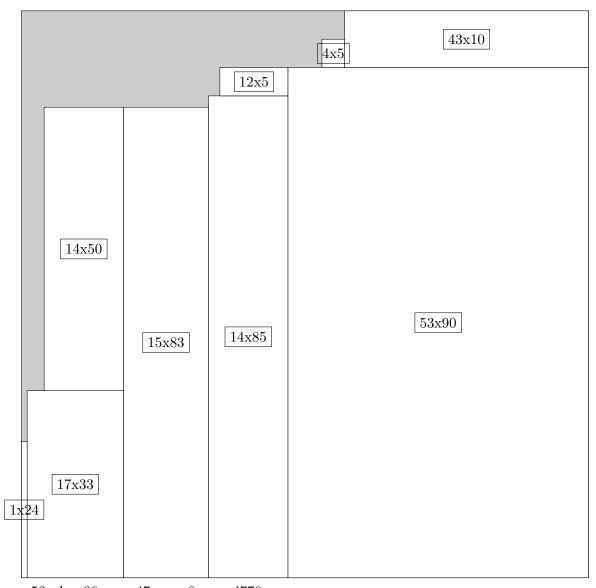
$$w=\!\!47$$
 , $h=\!\!35$, $x=\!\!53$, $y=\!\!65$, $v=\!\!1645$

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

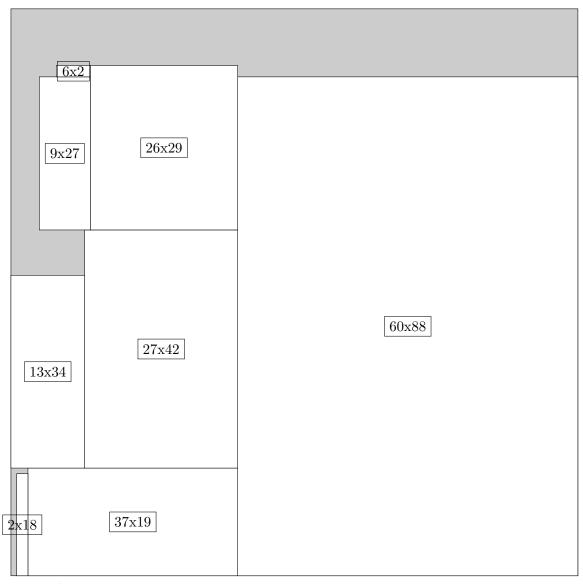
$$\le =38$$
 , h =44 , x =0 , y =0 , v =1672

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

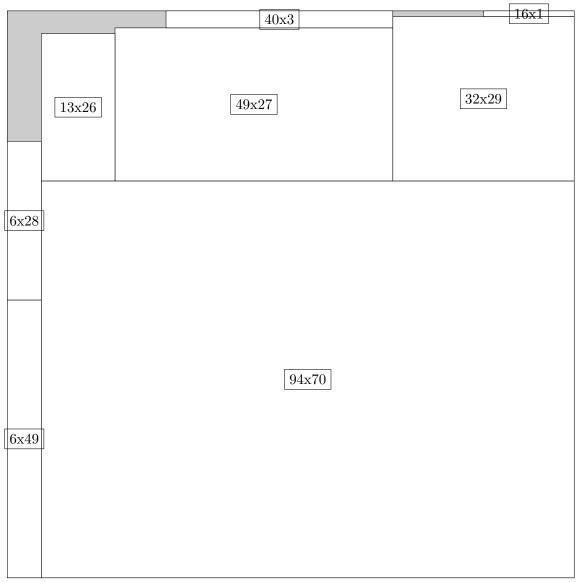
$$\le =32$$
 , $h=15$, $x=6$, $y=85$, $v=480$



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



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



$$\le =94$$
 , 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

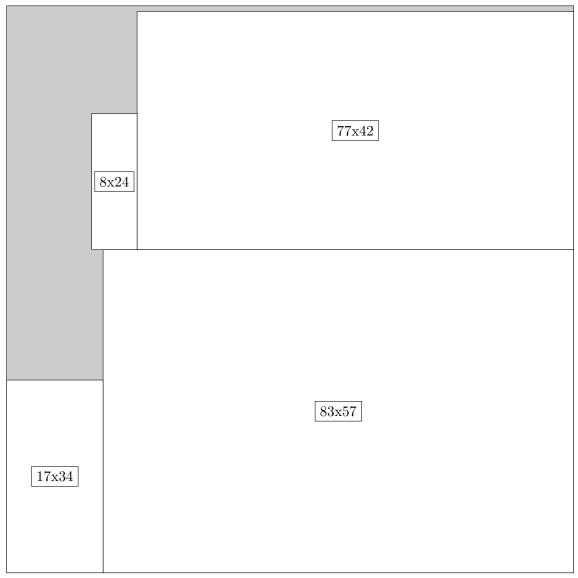
$$\le =49$$
 , h =27 , x =19 , y =70 , v =1323

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

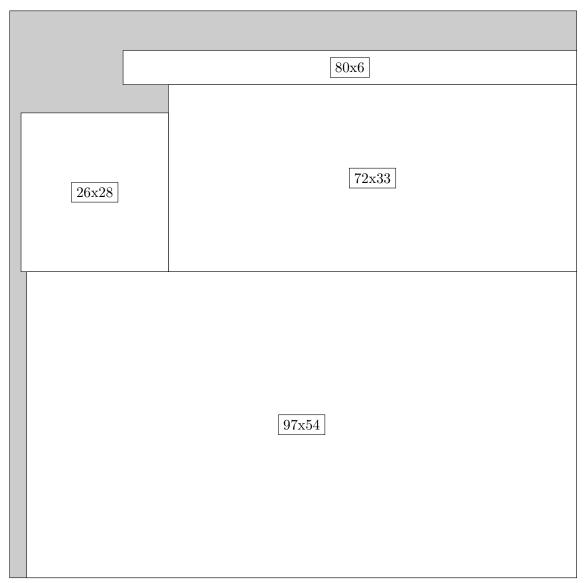
$$\le =13$$
 , h =26 , x =6 , y =70 , v =338

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

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



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

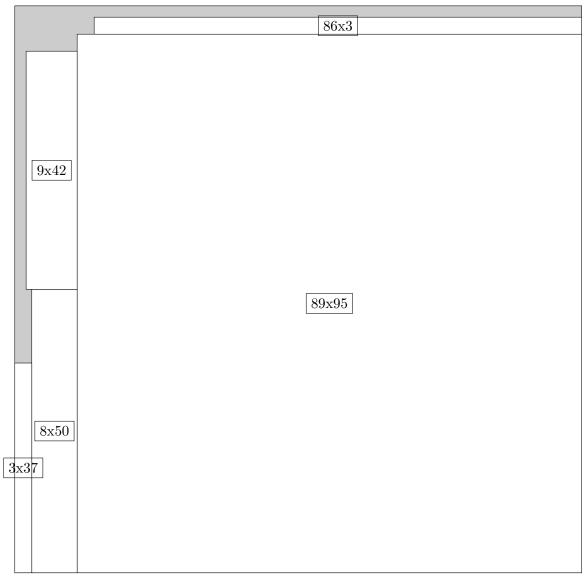


$$\le =97$$
 , $h=54$, $x=3$, $y=0$, $v=5238$

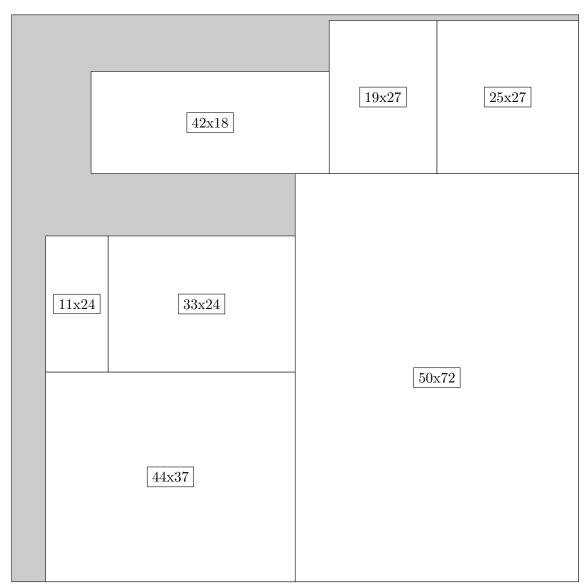
$$\le =72$$
 , h =33 , x =28 , y =54 , v =2376

$$\le =26$$
 , 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

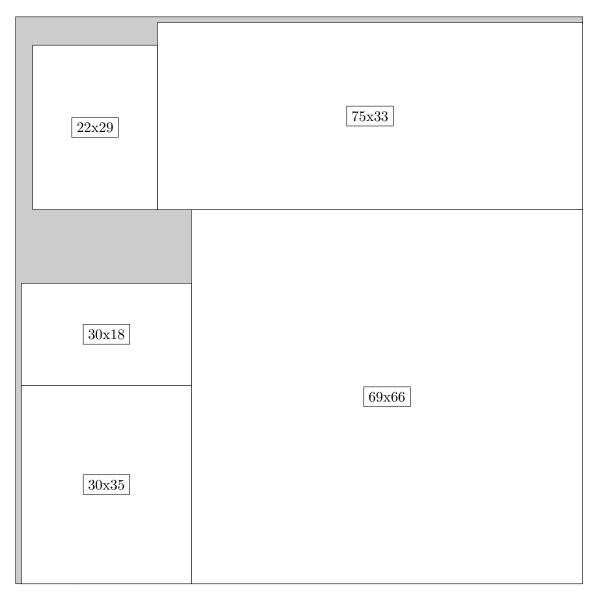
$$w = 33$$
, $h = 24$, $x = 17$, $y = 37$, $v = 792$

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

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

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

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



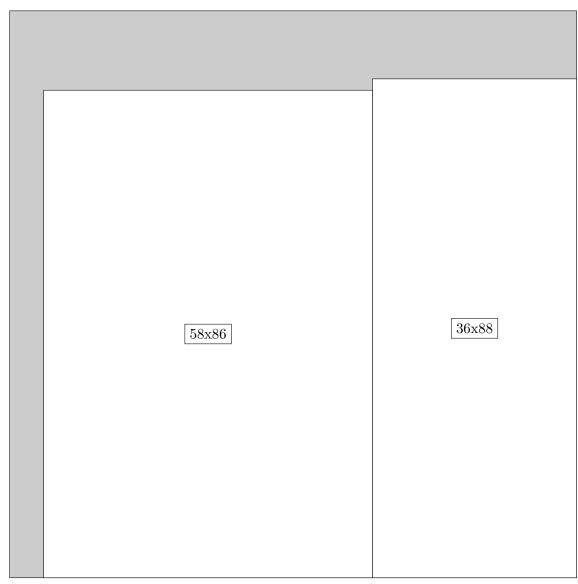
$$\le =69$$
 , $h=66$, $x=31$, $y=0$, $v=4554$

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

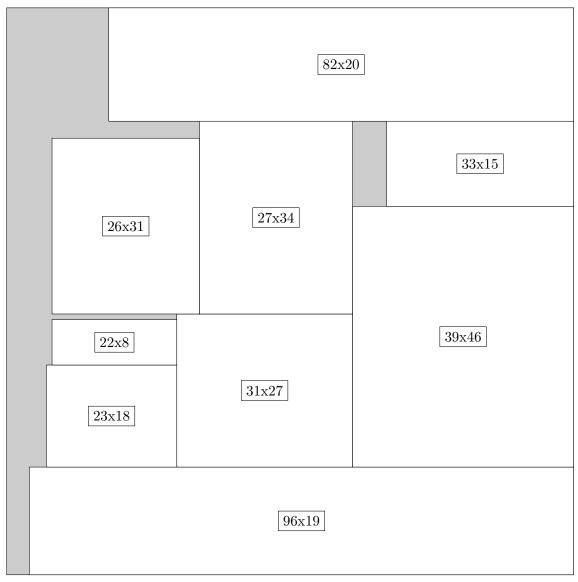
$$\le =30$$
 , h =18 , x =1 , y =35 , v =540

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

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



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



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

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

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

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

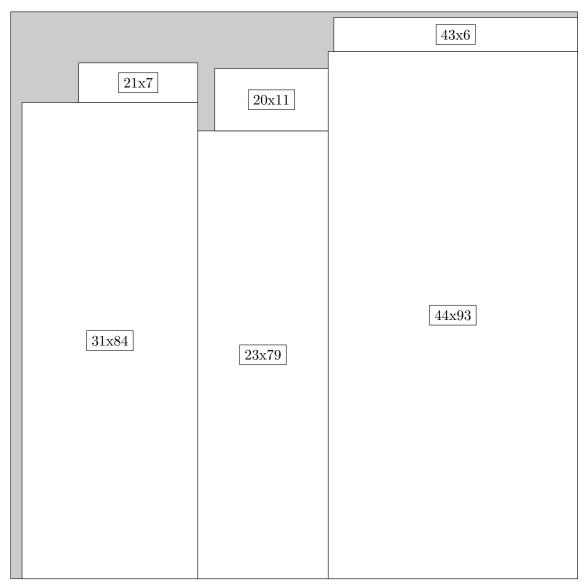
$$\le =23$$
 , $h=18$, $x=7$, $y=19$, $v=414$

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

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

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

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



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

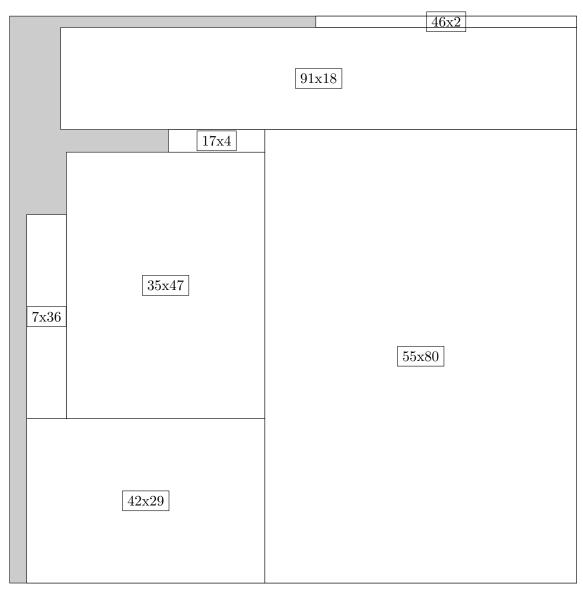
$$w$$
 =23 , h =79 , x =33 , y =0 , v =1817

$$\le =20$$
 , 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

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