$ClassName: \ Class_05.2bp-28$

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

TypeNum: <u>60</u>
Num: <u>60</u>
OutS: <u>160000</u>
InS: <u>145150</u>
Rate: <u>0.907</u>
UB: <u>16</u>
LB0: <u>16</u>
LB: **16**

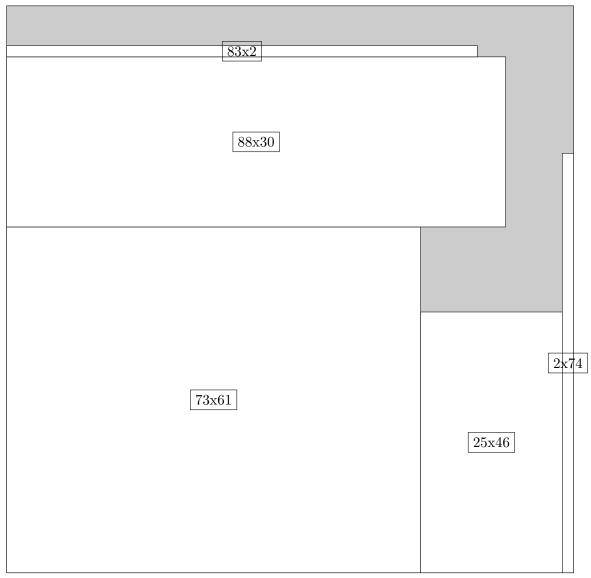
LBWithCut: $\underline{\mathbf{16}}$ NodeCut: $\underline{\mathbf{0}}$

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{16}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: <u>true</u>

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 0.140 s



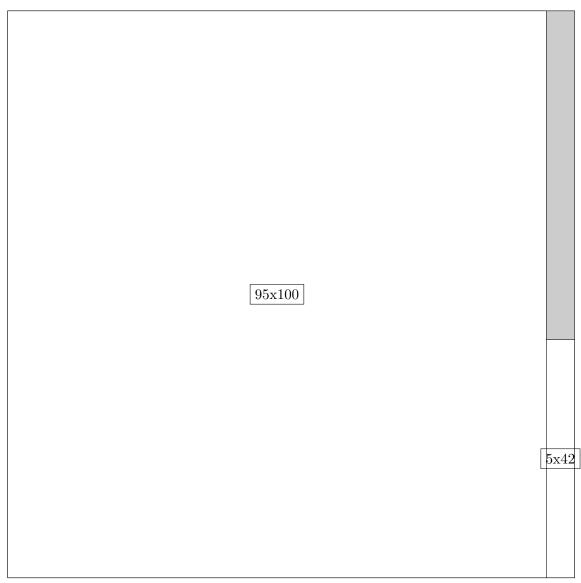
$$w = 25$$
, $h = 46$, $x = 73$, $y = 0$, $v = 1150$

$$\le -73$$
 , h =61 , x =0 , y =0 , v =4453

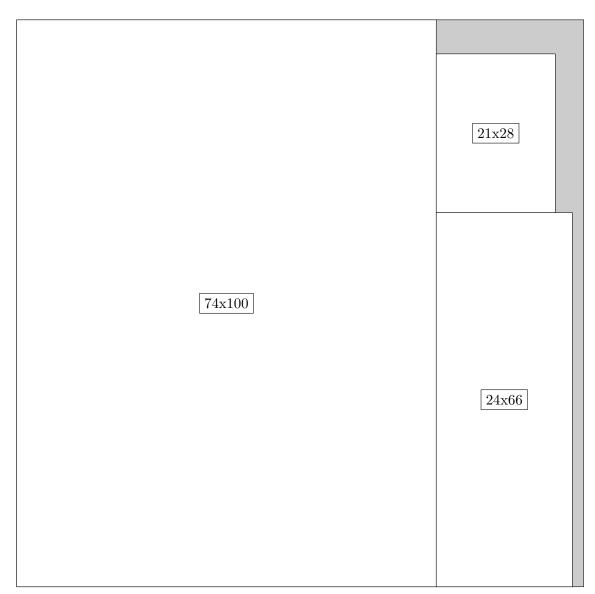
$$\le =88$$
 , h =30 , x =0 , y =61 , v =2640

$$\le =83$$
 , h =2 , x =0 , y =91 , v =166

$$\mathbf{w}$$
 =2 , h =74 , x =98 , y =0 , v =148



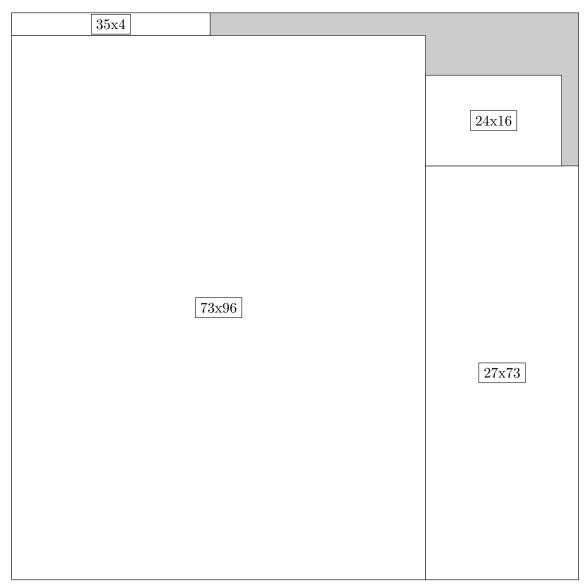
$$\begin{array}{l} w = \! 95 \ , \ h = \! 100 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 9500 \\ w = \! 5 \ , \ h = \! 42 \ , \ x = \! 95 \ , \ y = \! 0 \ , \ v = \! 210 \end{array}$$



$$w = 74$$
, $h = 100$, $x = 0$, $y = 0$, $v = 7400$

$$\le =24$$
 , h =66 , x =74 , y =0 , v =1584

$$\le =21$$
 , $h=28$, $x=74$, $y=66$, $v=588$

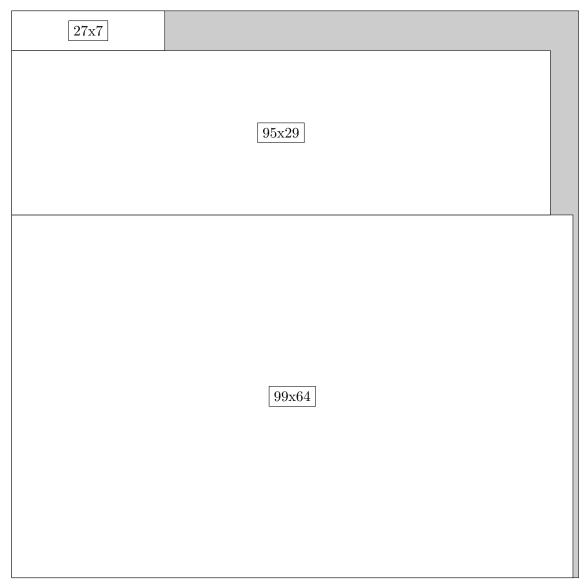


$$\le -73$$
 , h =96 , x =0 , y =0 , v =7008

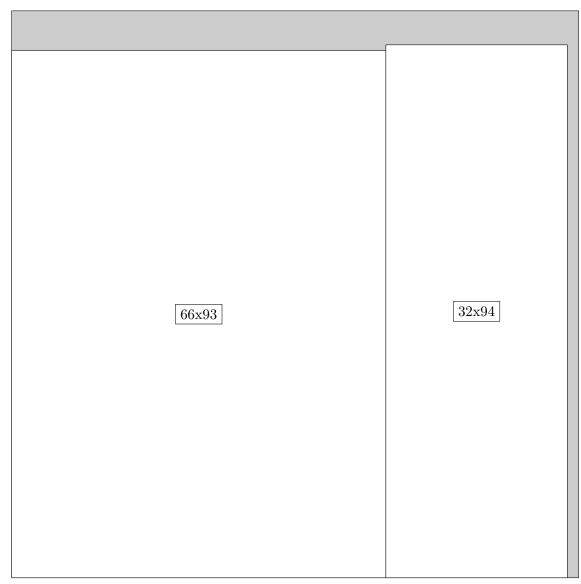
$$\le =27$$
 , h =73 , x =73 , y =0 , v =1971

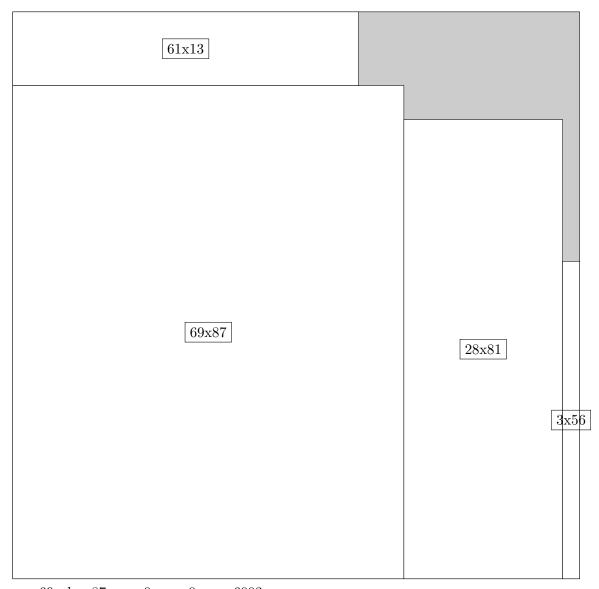
$$\le =24$$
 , h =16 , x =73 , y =73 , v =384

$$\le =35$$
 , h =4 , x =0 , y =96 , v =140



$$\begin{array}{l} w = \! 99 \ , \ h = \! 64 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6336 \\ w = \! 95 \ , \ h = \! 29 \ , \ x = \! 0 \ , \ y = \! 64 \ , \ v = \! 2755 \\ w = \! 27 \ , \ h = \! 7 \ , \ x = \! 0 \ , \ y = \! 93 \ , \ v = \! 189 \end{array}$$



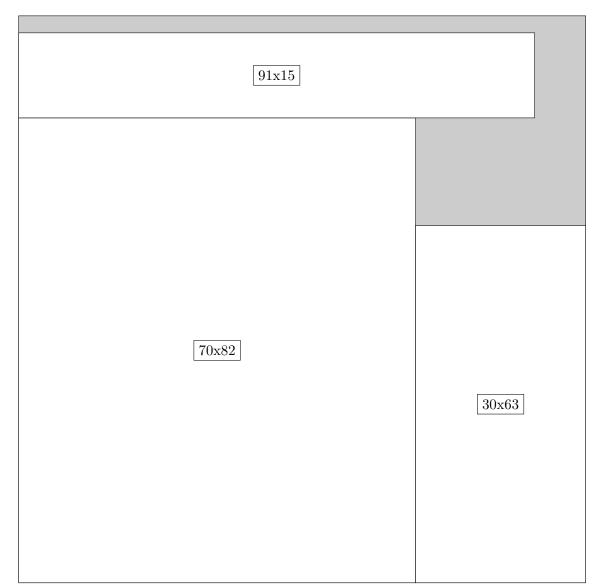


$$\begin{array}{l} w = \!69 \; , \; h = \!87 \; , \; x = \!0 \; , \; y = \!0 \; , \; v = \!6003 \\ w = \!28 \; , \; h = \!81 \; , \; x = \!69 \; , \; y = \!0 \; , \; v = \!2268 \end{array}$$

$$w = 61$$
, $h = 13$, $x = 0$, $y = 87$, $v = 793$

$$w = 61$$
, $h = 13$, $x = 0$, $y = 87$, $v = 793$

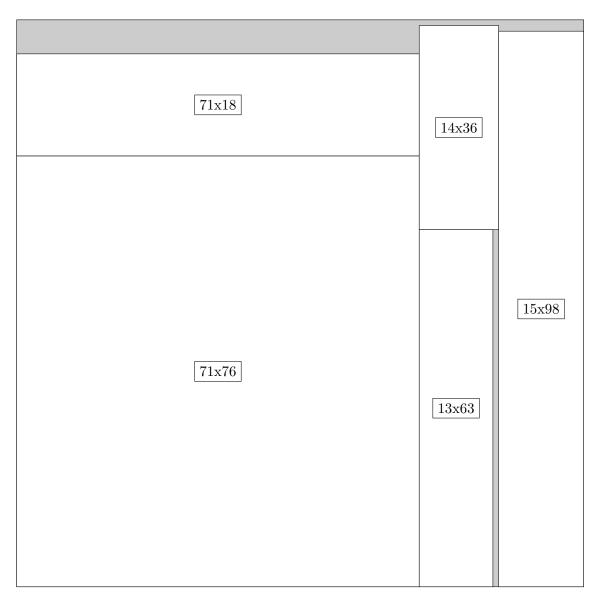
$$\mathbf{w}$$
 =3 , h =
56 , x =97 , y =0 , v =
168



$$\le =70$$
 , h =82 , x =0 , y =0 , v =5740

$$\le =30$$
 , h =63 , x =70 , y =0 , v =1890

$$\le =91$$
 , h =15 , x =0 , y =82 , v =1365



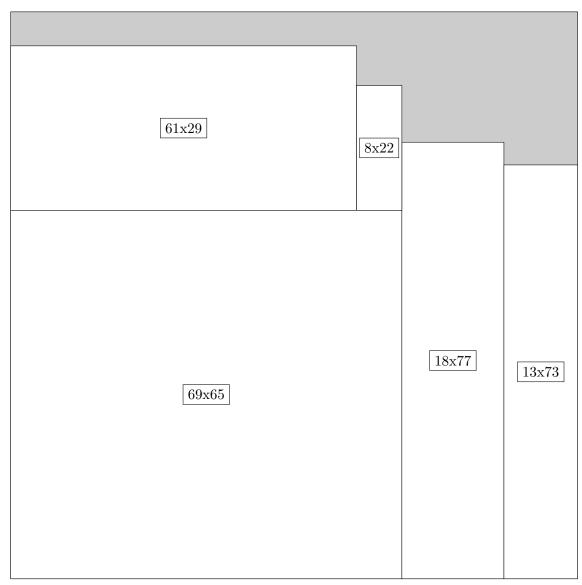
$$w$$
 =71 , h =76 , x =0 , y =0 , v =5396

$$\le =15$$
 , h =98 , x =85 , y =0 , v =1470

$$\mathbf{w}$$
 =71 , h =18 , x =0 , y =76 , v =1278

$$\le =13$$
 , $h=63$, $x=71$, $y=0$, $v=819$

$$w = 14$$
, $h = 36$, $x = 71$, $y = 63$, $v = 504$



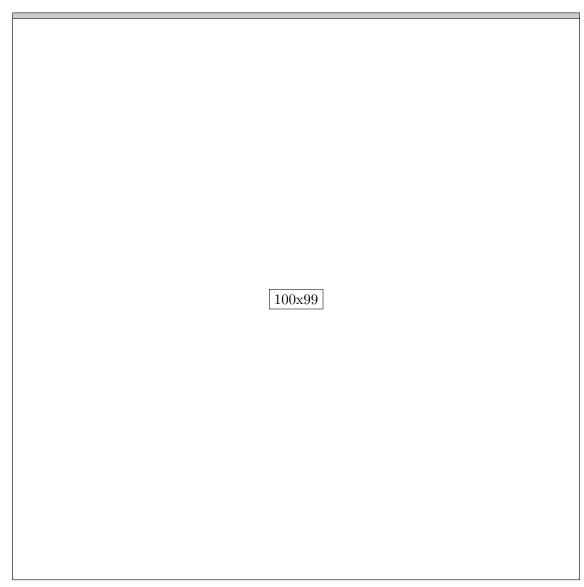
$$w = 69$$
, $h = 65$, $x = 0$, $y = 0$, $v = 4485$

$$\le =61$$
 , h =29 , x =0 , y =65 , v =1769

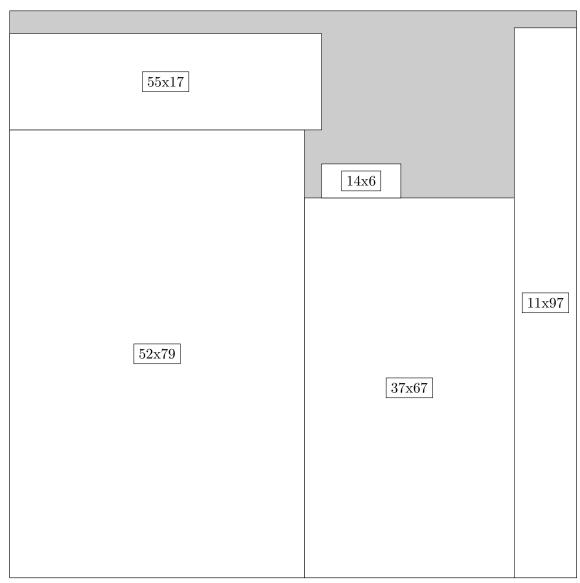
$$\le =18$$
 , $h=77$, $x=69$, $y=0$, $v=1386$

$$\le =13$$
 , h =73 , x =87 , y =0 , v =949

$$w=8$$
 , $h=22$, $x=61$, $y=65$, $v=176$



 ≤ 100 , h =99 , x =0 , y =0 , v =9900



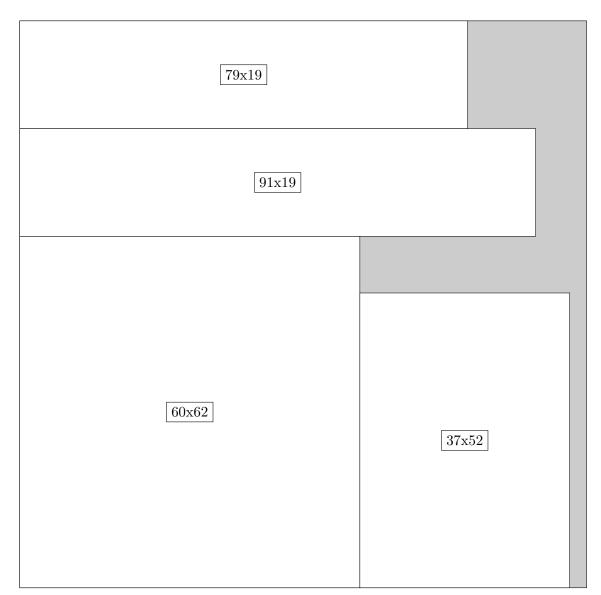
$$w=\!52$$
 , $h=\!79$, $x=\!0$, $y=\!0$, $v=\!4108$

$$\le =37$$
 , h =67 , x =52 , y =0 , v =2479

$$\le =11$$
 , h =97 , x =89 , y =0 , v =1067

$$\le =55$$
 , h =17 , x =0 , y =79 , v =935

$$w = 14$$
, $h = 6$, $x = 55$, $y = 67$, $v = 84$

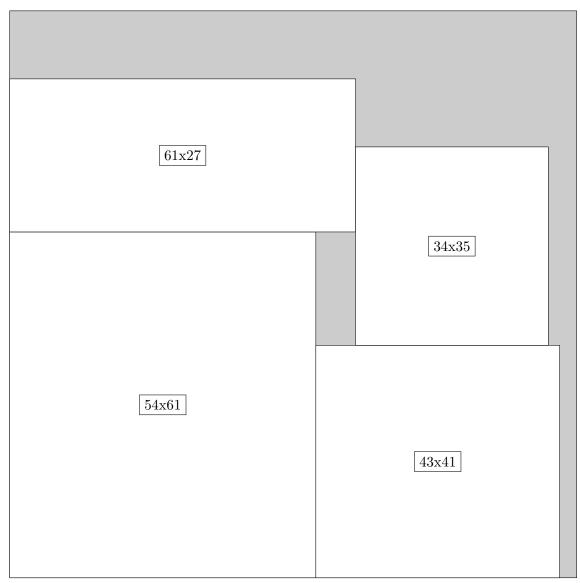


$$\mathbf{w}$$
 =60 , h =62 , x =0 , y =0 , v =3720

$$\le =37$$
 , h =52 , x =60 , y =0 , v =1924

$$\le =91$$
 , h =19 , x =0 , y =62 , v =1729

$$\mathbf{w}$$
 =79 , h =19 , x =0 , y =81 , v =1501

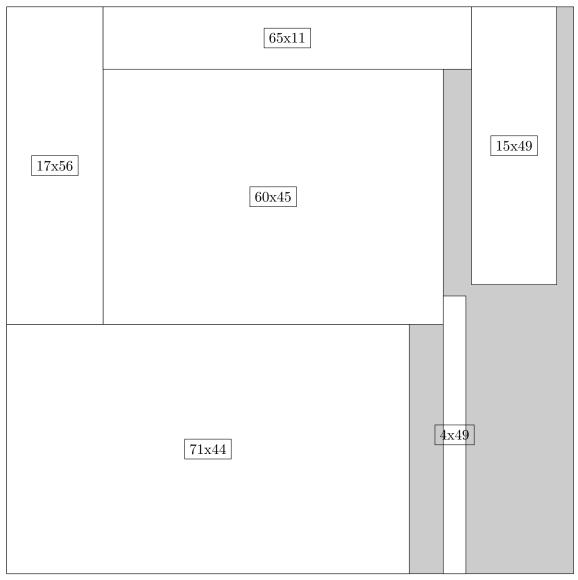


$$\le 54$$
 , h =61 , x =0 , y =0 , v =3294

$$\le =43$$
 , h =41 , x =54 , y =0 , v =1763

$$\le =61$$
 , h =27 , x =0 , y =61 , v =1647

$$\le =34$$
 , h =35 , x =61 , y =41 , v =1190



$$w = 71$$
, $h = 44$, $x = 0$, $y = 0$, $v = 3124$

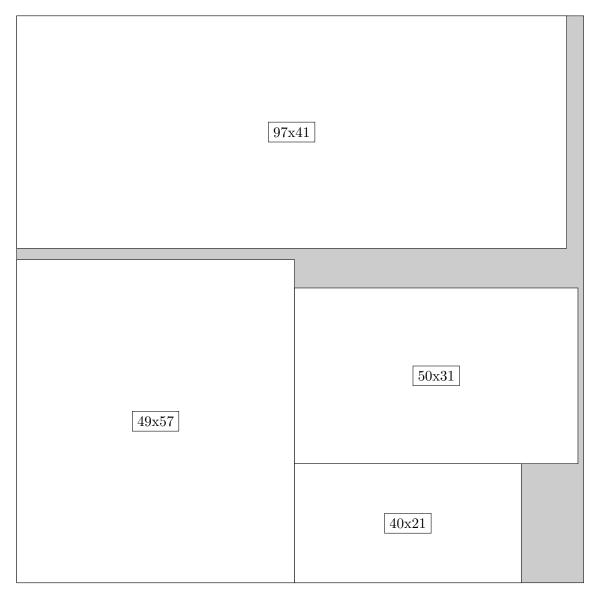
$$\le =60$$
 , h =45 , x =17 , y =44 , v =2700

$$\le =17$$
 , $h=56$, $x=0$, $y=44$, $v=952$

$$w$$
 =15 , h =49 , x =82 , y =51 , v =735

$$\mathbf{w}$$
 =65 , h =11 , x =17 , y =89 , v =715

$$\mathbf{w}=\!\!4$$
 , $\mathbf{h}=\!\!49$, $\mathbf{x}=\!\!77$, $\mathbf{y}=\!\!0$, $\mathbf{v}=\!\!196$



$$w = 97$$
, $h = 41$, $x = 0$, $y = 59$, $v = 3977$

$$\le =49$$
 , $h=\!57$, $x=\!0$, $y=\!0$, $v=\!2793$

$$\le =50$$
 , h =31 , x =49 , y =21 , v =1550

$$\mathbf{w}$$
 =40 , h =21 , x =49 , y =0 , v =840