$ClassName: \ Class_08.2bp-42$

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

TypeNum: <u>99</u> Num: <u>100</u> OutS: <u>240000</u> InS: <u>206333</u> Rate: <u>0.860</u> UB: <u>24</u> LB0: <u>24</u> LB: <u>24</u>

LBWithCut: $\underline{24}$ NodeCut: $\underline{0}$

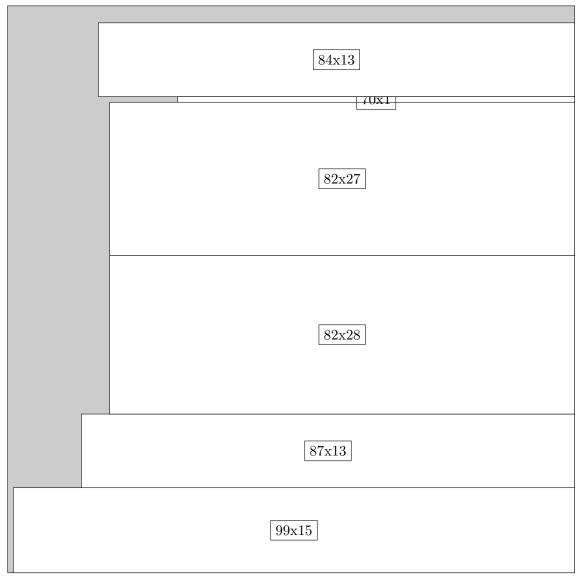
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{24}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.359 s



$$\le =99$$
 , $h = 15$, $x = 1$, $y = 0$, $v = 1485$

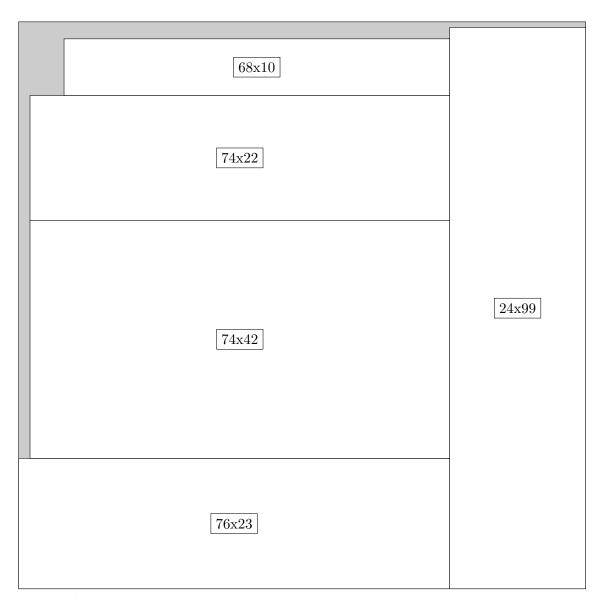
$$w$$
 =87 , h =13 , x =13 , y =15 , v =1131

$$w = 82$$
, $h = 28$, $x = 18$, $y = 28$, $v = 2296$

$$\le =82$$
 , h =27 , x =18 , y =
56 , v =2214

$$w$$
 =70 , h =1 , x =30 , y =83 , v =70

$$w$$
 =84 , h =13 , x =16 , y =84 , v =1092



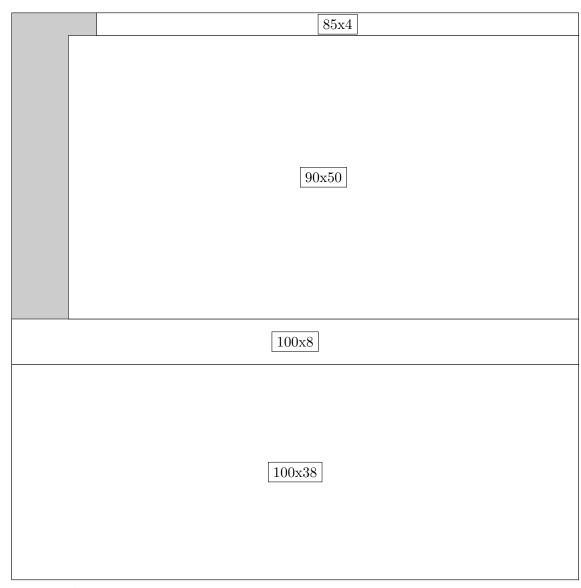
$$\le =24$$
 , h =99 , x =76 , y =0 , v =2376

$$\le -76$$
 , h =
23 , x =
0 , y =
0 , v =
1748

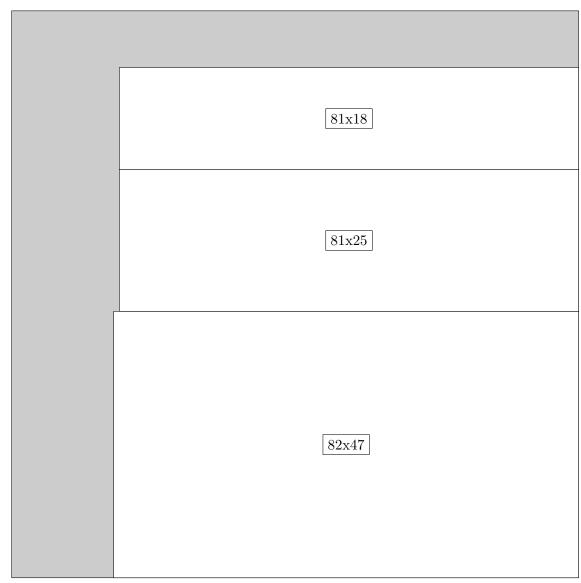
$$\le =74$$
 , h =42 , x =2 , y =23 , v =3108

$$\mathbf{w}$$
 =74 , h =22 , x =2 , y =65 , v =1628

$$\mathbf{w}$$
 =68 , h =10 , x =8 , y =87 , v =680

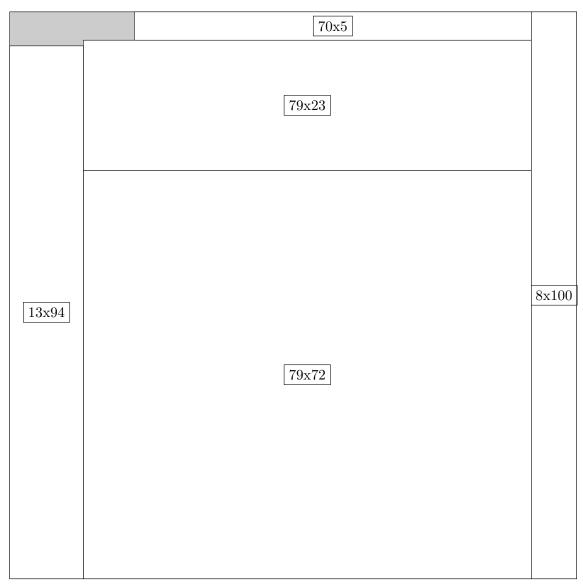


$$\begin{array}{l} w = & 100 \ , \ h = & 38 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 3800 \\ w = & 100 \ , \ h = & 8 \ , \ x = & 0 \ , \ y = & 38 \ , \ v = & 800 \\ w = & 90 \ , \ h = & 50 \ , \ x = & 10 \ , \ y = & 46 \ , \ v = & 4500 \\ w = & 85 \ , \ h = & 4 \ , \ x = & 15 \ , \ y = & 96 \ , \ v = & 340 \end{array}$$



$$\begin{array}{l} w = \! 82 \; , \; h = \! 47 \; , \; x = \! 18 \; , \; y = \! 0 \; , \; v = \! 3854 \\ w = \! 81 \; , \; h = \! 25 \; , \; x = \! 19 \; , \; y = \! 47 \; , \; v = \! 2025 \end{array}$$

$$\le =81$$
 , h =18 , x =19 , y =72 , v =1458



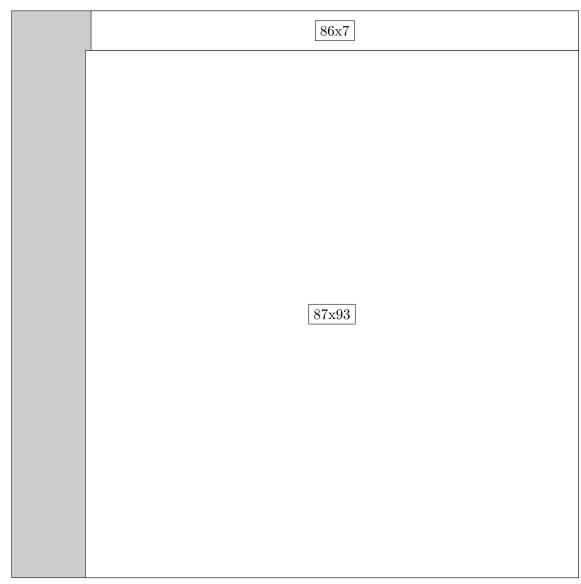
$$w = 8$$
, $h = 100$, $x = 92$, $y = 0$, $v = 800$

$$\le =79$$
 , $h=72$, $x=13$, $y=0$, $v=5688$

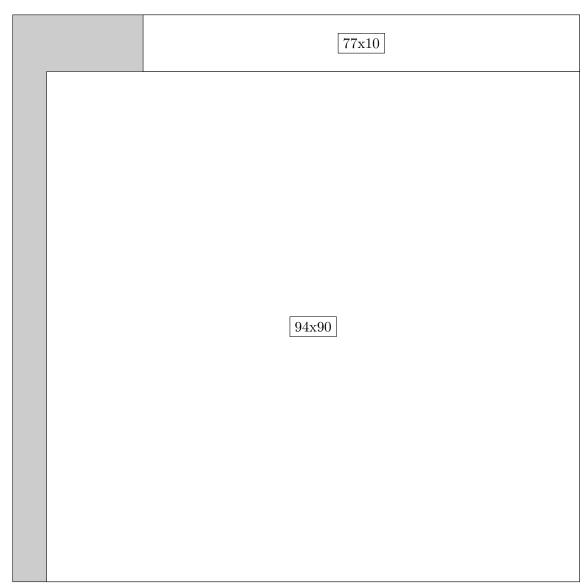
$$\le =79$$
 , h =23 , x =13 , y =72 , v =1817

$$w$$
 =70 , h =5 , x =22 , y =95 , v =350

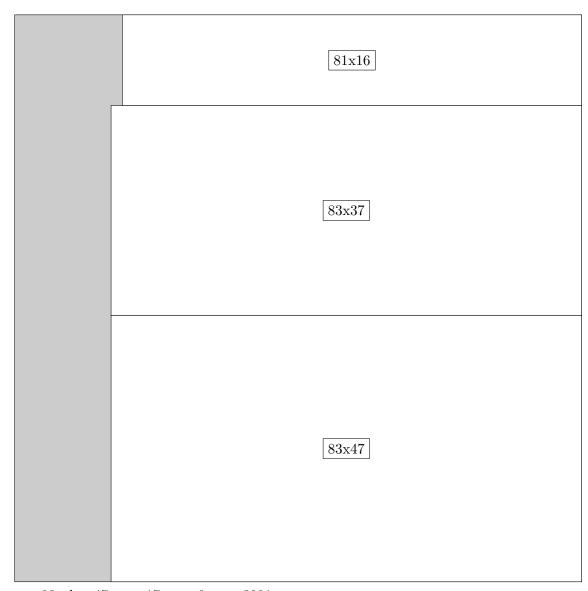
$$\mathbf{w}$$
 =13 , h =94 , x =0 , y =0 , v =1222



$$\begin{array}{l} w = \! 87 \; , \; h = \! 93 \; , \; x = \! 13 \; , \; y = \! 0 \; , \; v = \! 8091 \\ w = \! 86 \; , \; h = \! 7 \; , \; x = \! 14 \; , \; y = \! 93 \; , \; v = \! 602 \end{array}$$



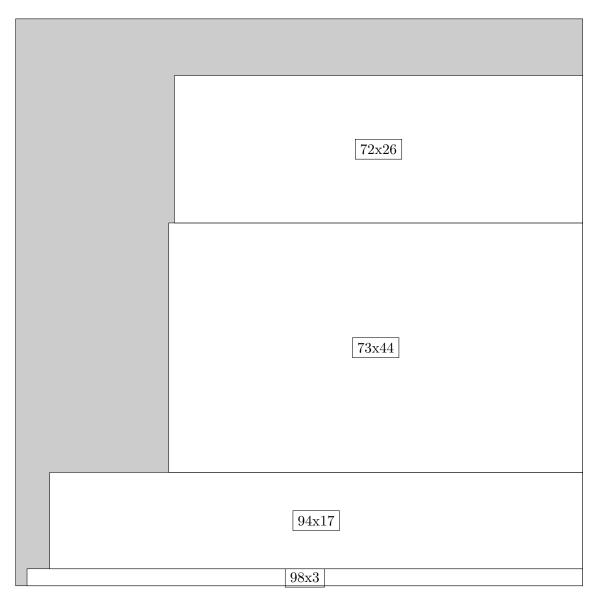
$$\begin{array}{c} w = \! 94 \; , \; h = \! 90 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 8460 \\ w = \! 77 \; , \; h = \! 10 \; , \; x = \! 23 \; , \; y = \! 90 \; , \; v = \! 770 \\ \end{array}$$



$$\le =83$$
 , h =47 , x =17 , y =0 , v =3901

$$\le =83$$
 , h =37 , x =17 , y =47 , v =3071

$$\le =81$$
 , h =16 , x =19 , y =84 , v =1296

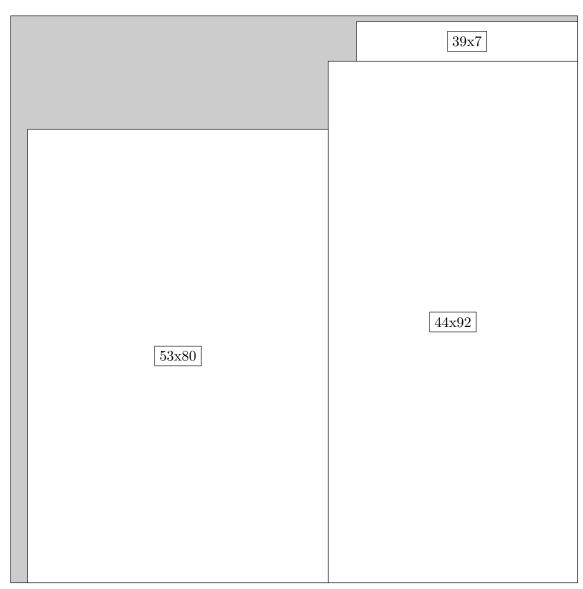


$$\le =98$$
 , h =3 , x =2 , y =0 , v =294

$$\le =94$$
 , h =17 , x =6 , y =3 , v =1598

$$\le =73$$
 , h =44 , x =27 , y =20 , v =3212

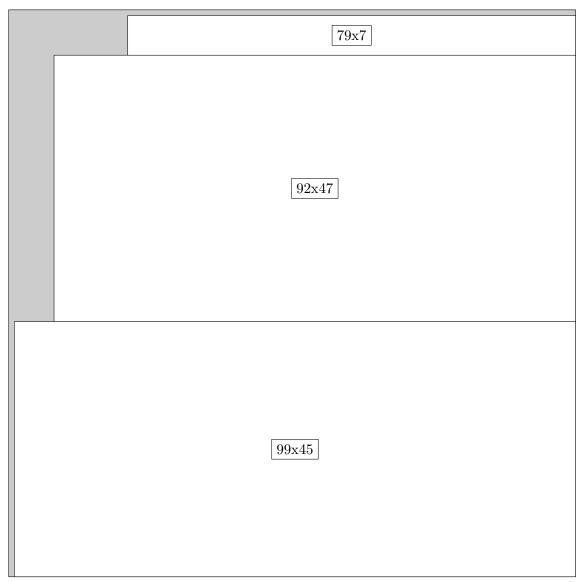
$$\le =72$$
 , h =26 , x =28 , y =64 , v =1872

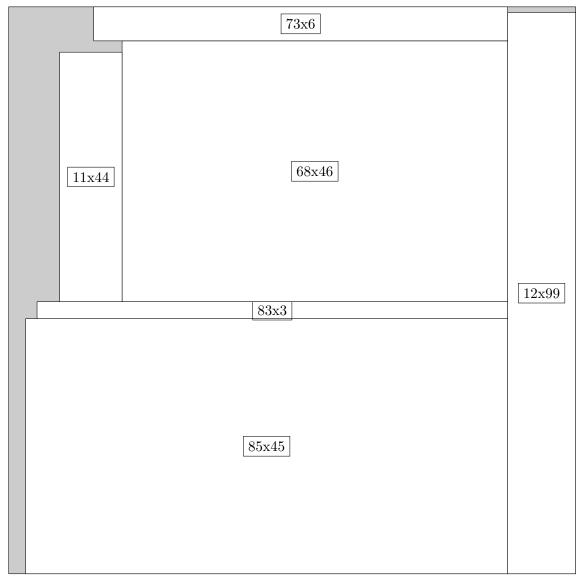


$$w = 44$$
, $h = 92$, $x = 56$, $y = 0$, $v = 4048$

$$\le =39$$
 , h =7 , x =61 , y =92 , v =273

$$\le =53$$
 , h =80 , x =3 , y =0 , v =4240





$$\le =12$$
 , $= =99$, $= =88$, $= = = = = 1188$

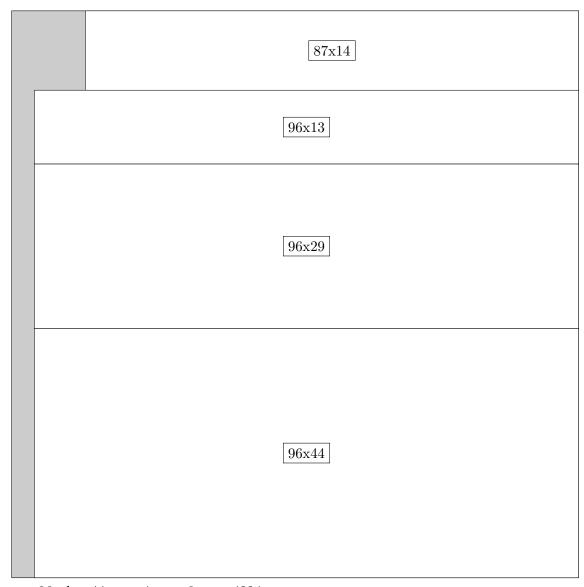
$$\le =85$$
 , $h=45$, $x=3$, $y=0$, $v=3825$

$$\le =83$$
 , h =3 , x =5 , y =45 , v =249

$$\le =68$$
 , h =46 , x =20 , y =48 , v =3128

$$w$$
 =11 , h =44 , x =9 , y =48 , v =484

$$w$$
 =73 , h =6 , x =15 , y =94 , v =438

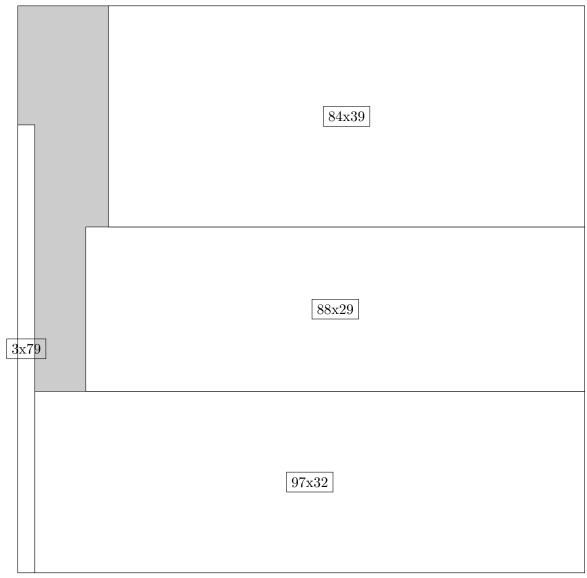


$$\le =96$$
 , h =44 , x =4 , y =0 , v =4224

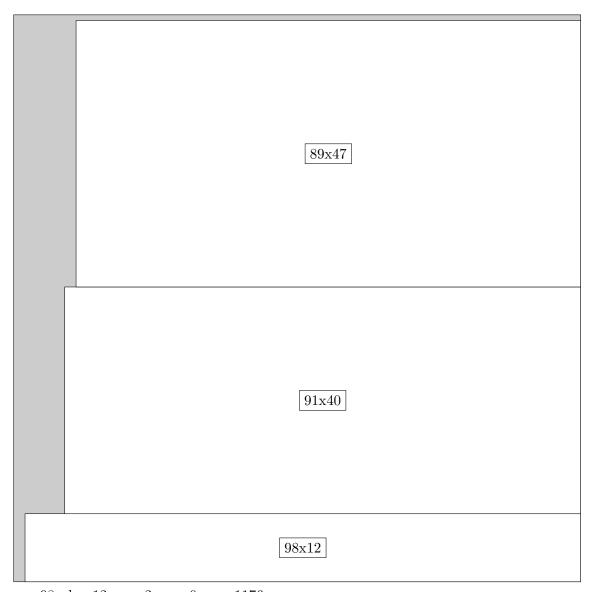
$$\le =96$$
 , h =29 , x =4 , y =44 , v =2784

$$\le =96$$
 , h =13 , x =4 , y =73 , v =1248

$$\le =87$$
 , h =14 , x =13 , y =86 , v =1218

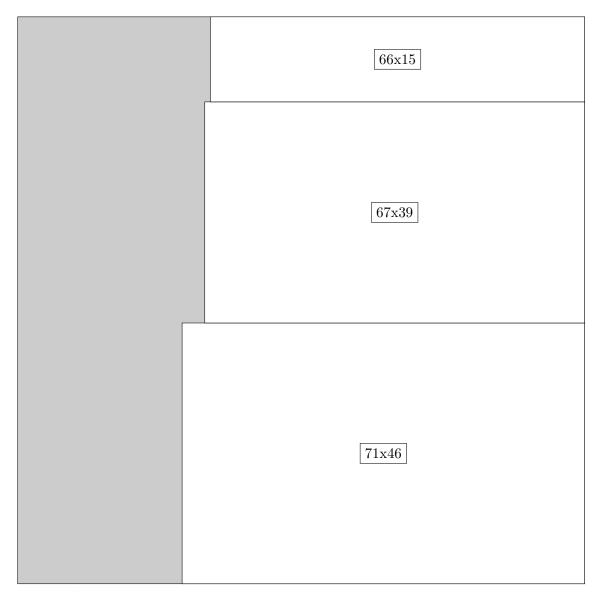


$$\begin{array}{l} w = 97 \ , \ h = 32 \ , \ x = 3 \ , \ y = 0 \ , \ v = 3104 \\ w = 88 \ , \ h = 29 \ , \ x = 12 \ , \ y = 32 \ , \ v = 2552 \\ w = 84 \ , \ h = 39 \ , \ x = 16 \ , \ y = 61 \ , \ v = 3276 \\ w = 3 \ , \ h = 79 \ , \ x = 0 \ , \ y = 0 \ , \ v = 237 \end{array}$$



$$\begin{array}{l} w = \! 98 \ , \ h = \! 12 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 1176 \\ w = \! 91 \ , \ h = \! 40 \ , \ x = \! 9 \ , \ y = \! 12 \ , \ v = \! 3640 \end{array}$$

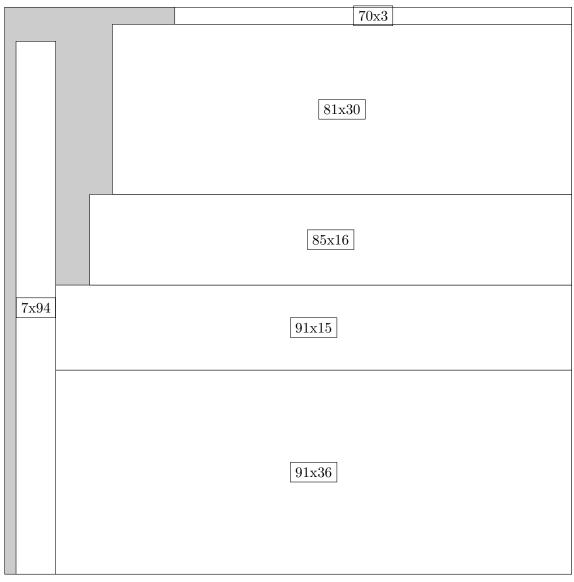
$$\le =89$$
 , h =47 , x =11 , y =52 , v =4183



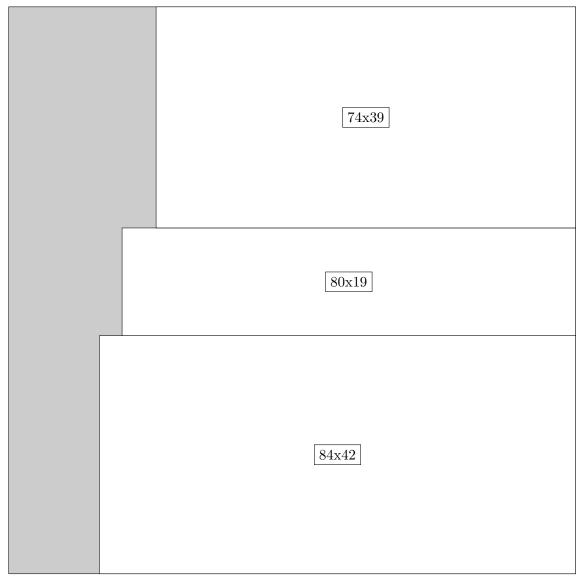
$$\le =71$$
 , h =46 , x =29 , y =0 , v =3266

$$\le =67$$
 , h =39 , x =33 , y =46 , v =2613

$$\le =66$$
 , h =15 , x =34 , y =85 , v =990



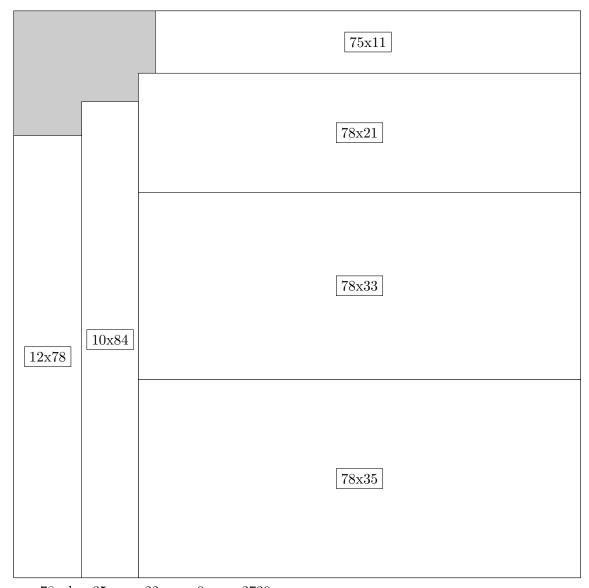
$$\begin{array}{l} w = \! 91 \; , \; h = \! 36 \; , \; x = \! 9 \; , \; y = \! 0 \; , \; v = \! 3276 \\ w = \! 91 \; , \; h = \! 15 \; , \; x = \! 9 \; , \; y = \! 36 \; , \; v = \! 1365 \\ w = \! 85 \; , \; h = \! 16 \; , \; x = \! 15 \; , \; y = \! 51 \; , \; v = \! 1360 \\ w = \! 81 \; , \; h = \! 30 \; , \; x = \! 19 \; , \; y = \! 67 \; , \; v = \! 2430 \\ w = \! 70 \; , \; h = \! 3 \; , \; x = \! 30 \; , \; y = \! 97 \; , \; v = \! 210 \\ w = \! 7 \; , \; h = \! 94 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 658 \end{array}$$



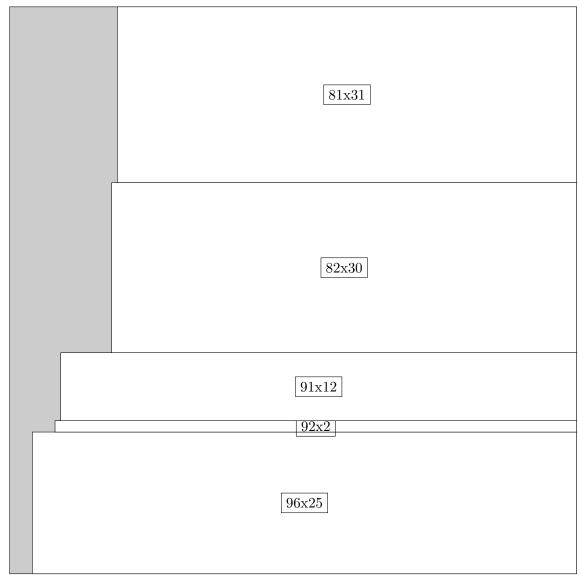
$$w = 84$$
, $h = 42$, $x = 16$, $y = 0$, $v = 3528$

$$\le =80$$
 , h =19 , x =20 , y =42 , v =1520

$$\le =74$$
 , h =39 , x =26 , y =61 , v =2886



$$\begin{array}{l} w = 78 \; , \; h = 35 \; , \; x = 22 \; , \; y = 0 \; , \; v = 2730 \\ w = 78 \; , \; h = 33 \; , \; x = 22 \; , \; y = 35 \; , \; v = 2574 \\ w = 78 \; , \; h = 21 \; , \; x = 22 \; , \; y = 68 \; , \; v = 1638 \\ w = 75 \; , \; h = 11 \; , \; x = 25 \; , \; y = 89 \; , \; v = 825 \\ w = 10 \; , \; h = 84 \; , \; x = 12 \; , \; y = 0 \; , \; v = 840 \\ w = 12 \; , \; h = 78 \; , \; x = 0 \; , \; y = 0 \; , \; v = 936 \end{array}$$



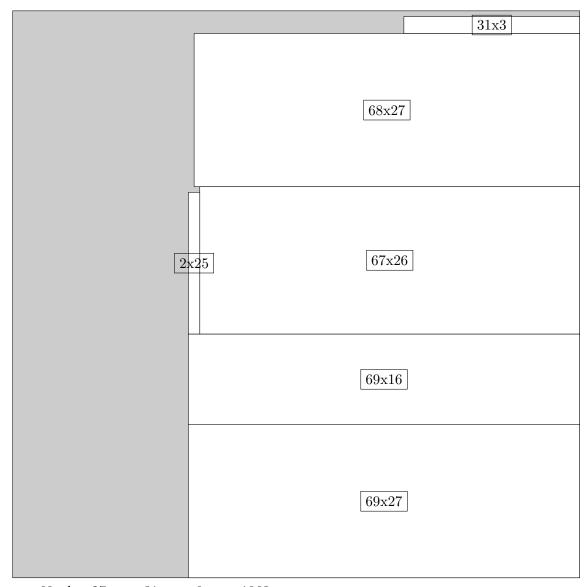
$$w = 96$$
, $h = 25$, $x = 4$, $y = 0$, $v = 2400$

$$\le =92$$
 , h =2 , x =8 , y =25 , v =184

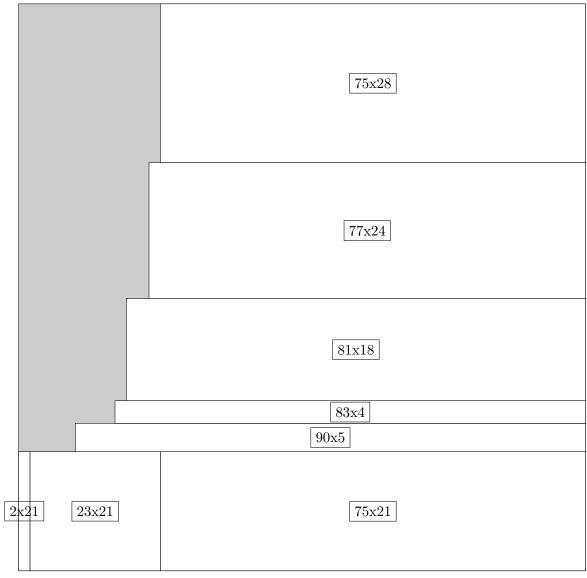
$$\le =91$$
 , h =12 , x =9 , y =27 , v =1092

$$\le =82$$
 , h =30 , x =18 , y =39 , v =2460

$$\le =81$$
 , $h=31$, $x=19$, $y=69$, $v=2511$



$$\begin{array}{l} w=69\;,\; h=27\;,\; x=31\;,\; y=0\;,\; v=1863\\ w=69\;,\; h=16\;,\; x=31\;,\; y=27\;,\; v=1104\\ w=67\;,\; h=26\;,\; x=33\;,\; y=43\;,\; v=1742\\ w=2\;,\; h=25\;,\; x=31\;,\; y=43\;,\; v=50\\ w=68\;,\; h=27\;,\; x=32\;,\; y=69\;,\; v=1836\\ w=31\;,\; h=3\;,\; x=69\;,\; y=96\;,\; v=93 \end{array}$$



$$\le =75$$
 , h =21 , x =25 , y =0 , v =1575

$$w = 23$$
, $h = 21$, $x = 2$, $y = 0$, $v = 483$

$$\mathbf{w}=2$$
 , $\mathbf{h}=21$, $\mathbf{x}=0$, $\mathbf{y}=0$, $\mathbf{v}=\!42$

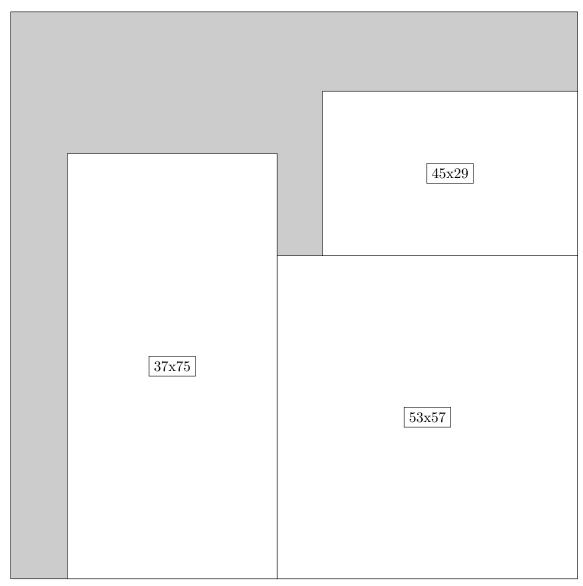
$$w = 90$$
, $h = 5$, $x = 10$, $y = 21$, $v = 450$

$$\le =83$$
 , $h=4$, $x=17$, $y=26$, $v=332$

$$w$$
 =81 , h =18 , x =19 , y =30 , v =1458

$$w = 77$$
, $h = 24$, $x = 23$, $y = 48$, $v = 1848$

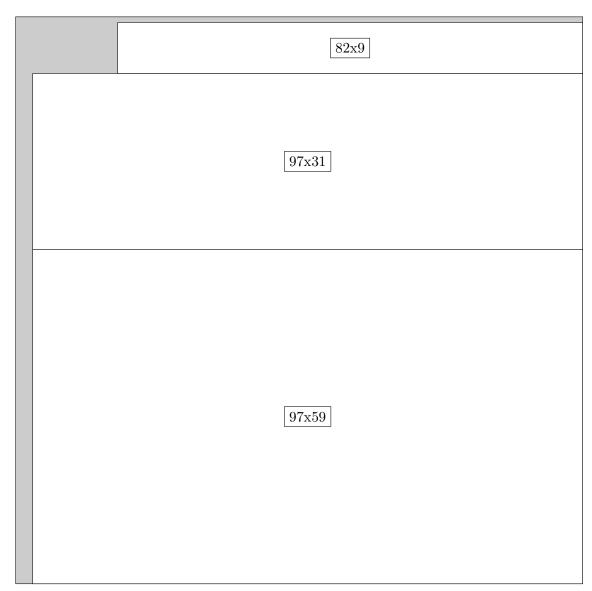
$$w$$
 =75 , h =28 , x =25 , y =72 , v =2100



w = 53, h = 57, x = 47, y = 0, v = 3021

 $\le =45$, h =29 , x =55 , y =57 , v =1305

 $\le =37$, h =75 , x =10 , y =0 , v =2775



$$\begin{array}{l} w = \! 97 \ , \ h = \! 59 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 5723 \\ w = \! 97 \ , \ h = \! 31 \ , \ x = \! 3 \ , \ y = \! 59 \ , \ v = \! 3007 \\ w = \! 82 \ , \ h = \! 9 \ , \ x = \! 18 \ , \ y = \! 90 \ , \ v = \! 738 \end{array}$$