$ClassName: \ Class_08.2bp-48$

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

TypeNum: <u>99</u>
Num: <u>100</u>
OutS: <u>270000</u>
InS: <u>234344</u>
Rate: <u>0.868</u>
UB: <u>27</u>
LB0: <u>27</u>
LB: <u>27</u>

LBWithCut: $\underline{27}$ NodeCut: $\underline{0}$

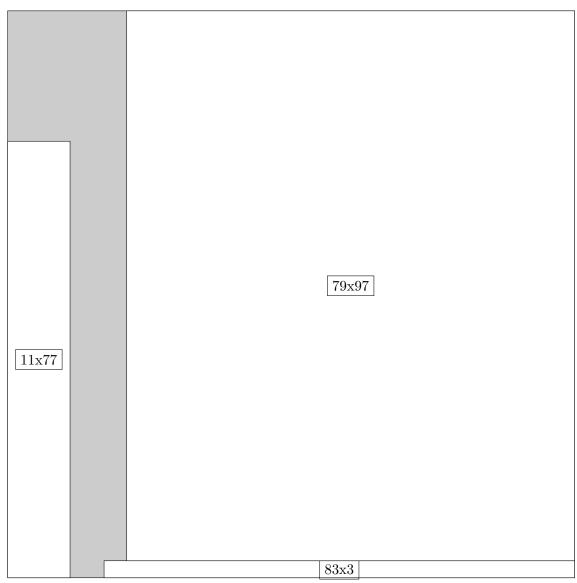
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{27}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

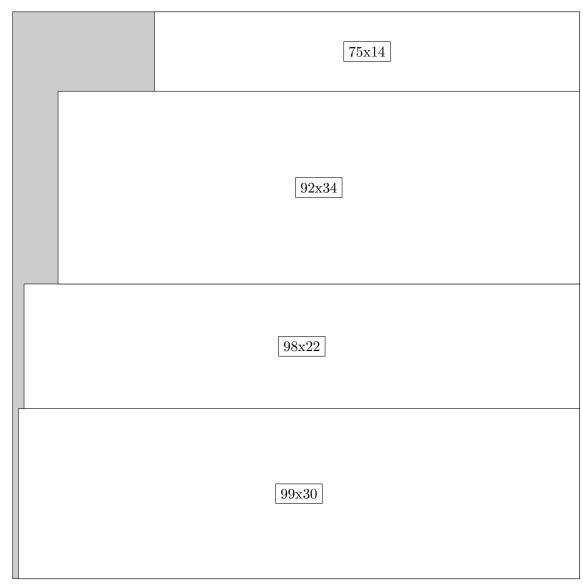
isOpt: $\underline{\mathbf{true}}$

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

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



 $\begin{array}{l} w = \! 83 \ , \ h = \! 3 \ , \ x = \! 17 \ , \ y = \! 0 \ , \ v = \! 249 \\ w = \! 79 \ , \ h = \! 97 \ , \ x = \! 21 \ , \ y = \! 3 \ , \ v = \! 7663 \\ w = \! 11 \ , \ h = \! 77 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 847 \end{array}$

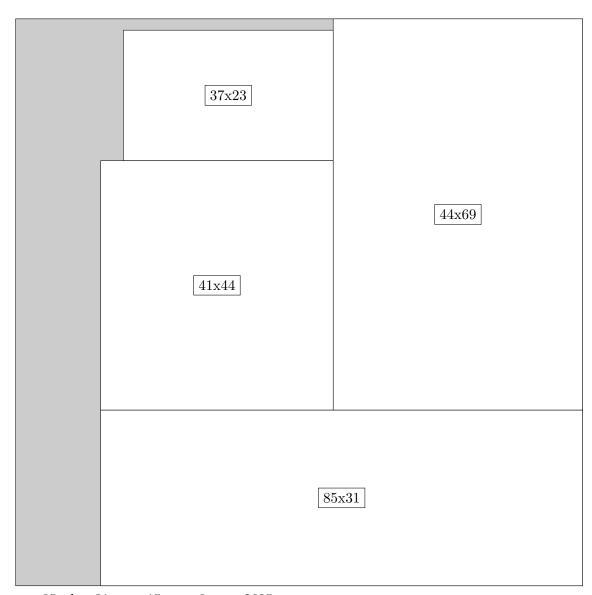


$$\le =99$$
 , h =30 , x =1 , y =0 , v =2970

$$\le =98$$
 , h =22 , x =2 , y =30 , v =2156

$$\le =92$$
 , h =34 , x =8 , y =52 , v =3128

$$\le =75$$
 , $h = 14$, $x = 25$, $y = 86$, $v = 1050$

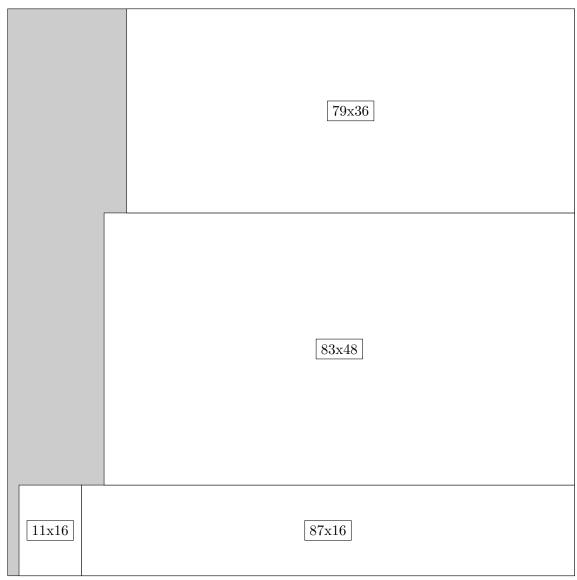


$$\le =85$$
 , h =31 , x =15 , y =0 , v =2635

$$\le =44$$
 , h =69 , x =56 , y =31 , v =3036

$$\le =41$$
 , $h=44$, $x=15$, $y=31$, $v=1804$

$$\le =37$$
 , h =23 , x =19 , y =75 , v =851

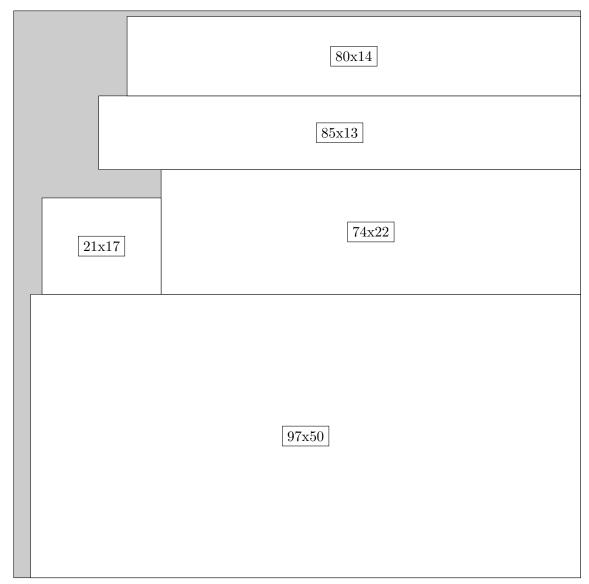


$$\le =87$$
 , h =16 , x =13 , y =0 , v =1392

$$\mathbf{w}$$
 =11 , h =16 , x =2 , y =0 , v =176

$$\le =83$$
 , h =48 , x =17 , y =16 , v =3984

$$w$$
 =79 , h =36 , x =21 , y =64 , v =2844



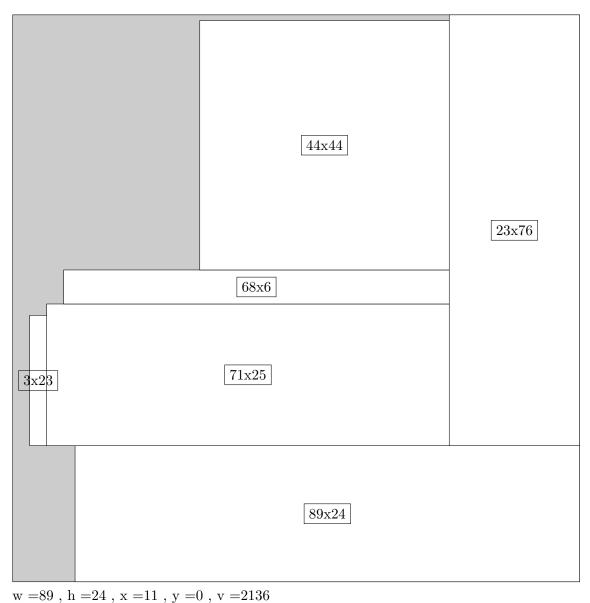
$$w = 97$$
, $h = 50$, $x = 3$, $y = 0$, $v = 4850$

$$\le =74$$
 , h =22 , x =26 , y =50 , v =1628

$$\le =21$$
 , h =17 , x =5 , y =50 , v =357

$$\le =85$$
 , h =13 , x =15 , y =72 , v =1105

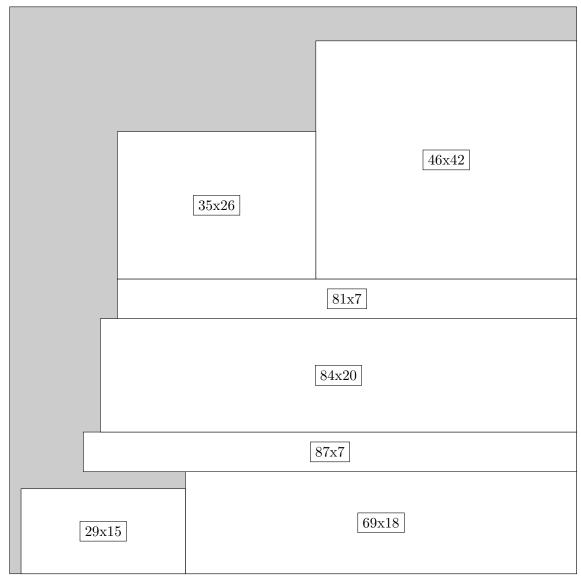
$$\le =80$$
 , h =14 , x =20 , y =85 , v =1120



$$\le =3$$
 , h =23 , x =3 , y =24 , v =69

$$\le =68$$
 , $h=6$, $x=9$, $y=49$, $v=408$

$$\le =44$$
 , h =44 , x =33 , y =55 , v =1936



$$w$$
 =69 , h =18 , x =31 , y =0 , v =1242

$$\le =29$$
 , h =15 , x =2 , y =0 , v =435

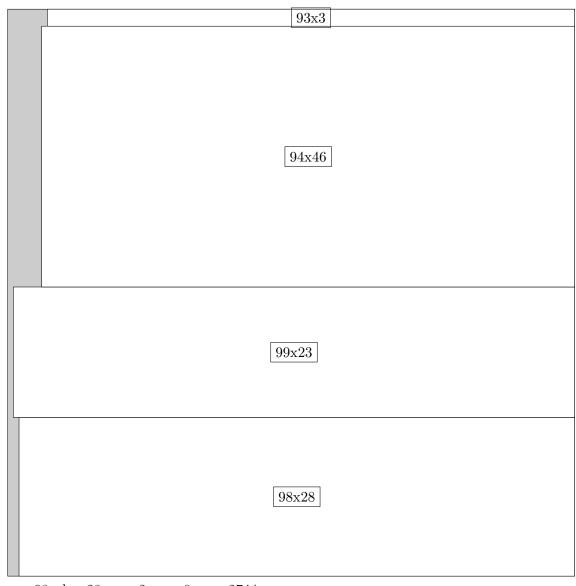
$$\le =87$$
 , h =7 , x =13 , y =18 , v =609

$$\le =84$$
 , h =20 , x =16 , y =25 , v =1680

$$\le =81$$
 , h =7 , x =19 , y =45 , v =567

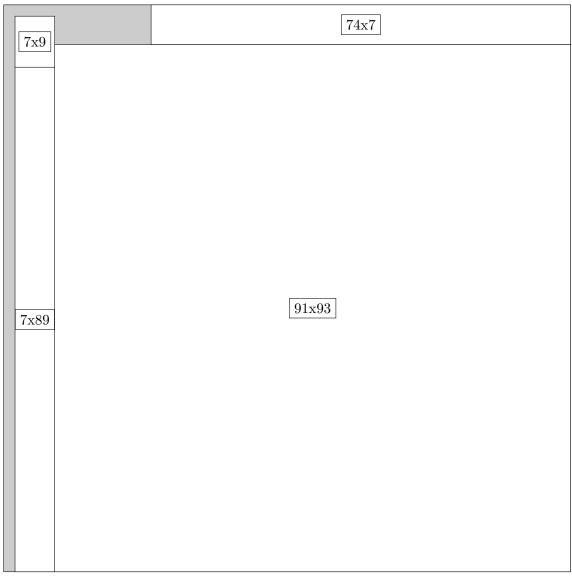
$$\mathbf{w}$$
 =46 , h =42 , x =54 , y =52 , v =1932

$$\le =35$$
 , h =26 , x =19 , y =52 , v =910

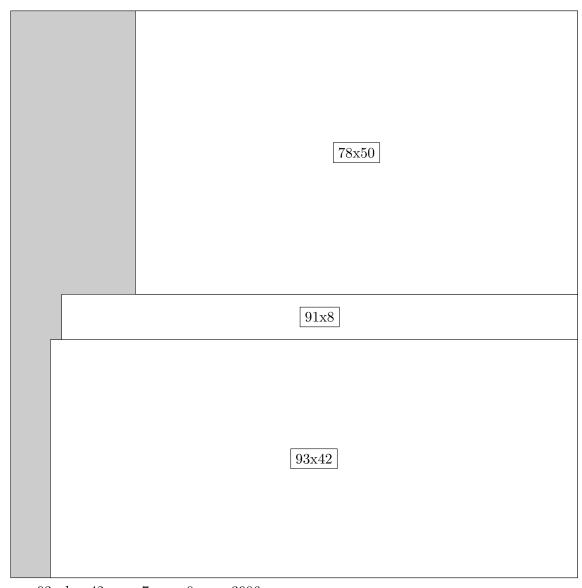


$$\begin{array}{l} w = \! 98 \ , \ h = \! 28 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 2744 \\ w = \! 99 \ , \ h = \! 23 \ , \ x = \! 1 \ , \ y = \! 28 \ , \ v = \! 2277 \\ w = \! 94 \ , \ h = \! 46 \ , \ x = \! 6 \ , \ y = \! 51 \ , \ v = \! 4324 \end{array}$$

 $\le =93$, h =3 , x =7 , y =97 , v =279

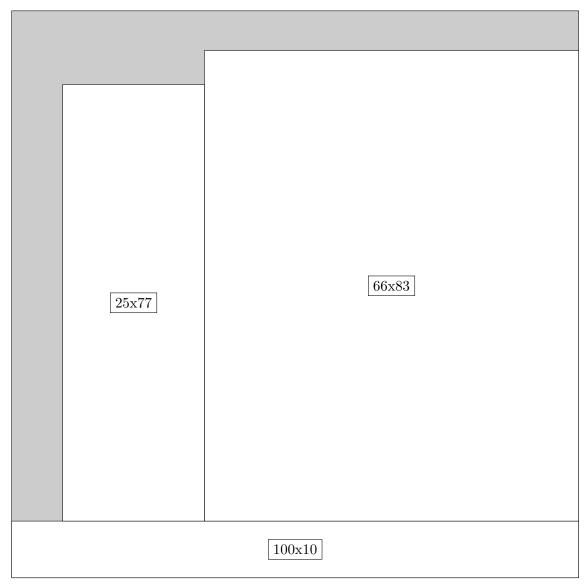


 $\begin{array}{l} w = \! 91 \; , \; h = \! 93 \; , \; x = \! 9 \; , \; y = \! 0 \; , \; v = \! 8463 \\ w = \! 74 \; , \; h = \! 7 \; , \; x = \! 26 \; , \; y = \! 93 \; , \; v = \! 518 \\ w = \! 7 \; , \; h = \! 89 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 623 \\ w = \! 7 \; , \; h = \! 9 \; , \; x = \! 2 \; , \; y = \! 89 \; , \; v = \! 63 \end{array}$

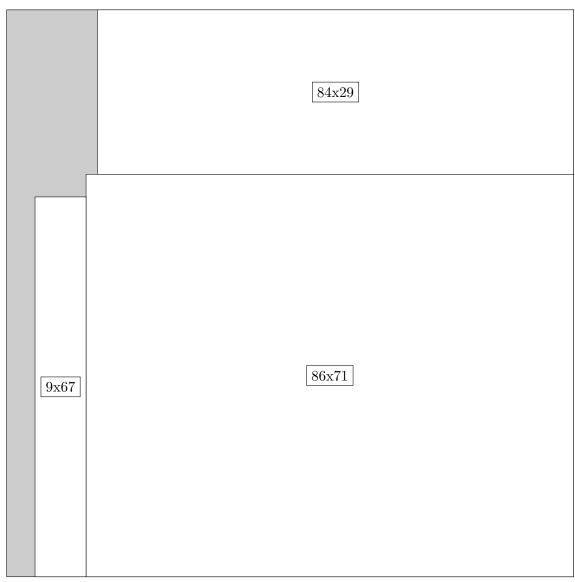


$$\begin{array}{c} w = \! 93 \ , \ h = \! 42 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 3906 \\ w = \! 91 \ , \ h = \! 8 \ , \ x = \! 9 \ , \ y = \! 42 \ , \ v = \! 728 \\ \end{array}$$

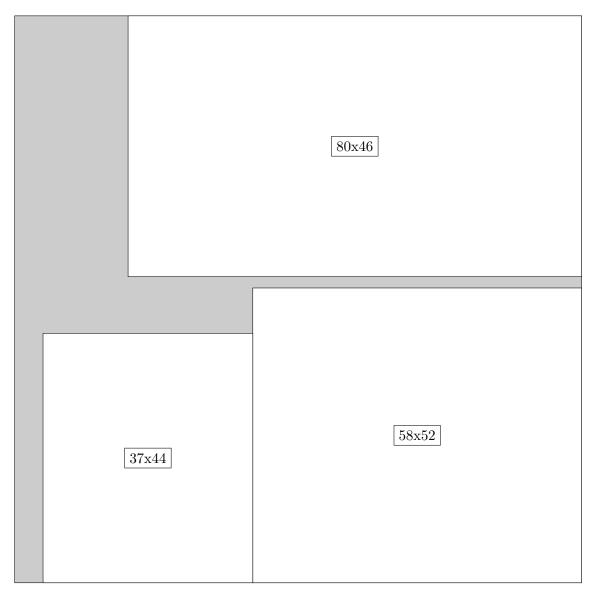
$$w$$
 =78 , h =50 , x =22 , y =50 , v =3900



 $\begin{array}{l} w = \! 100 \ , \ h = \! 10 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1000 \\ w = \! 66 \ , \ h = \! 83 \ , \ x = \! 34 \ , \ y = \! 10 \ , \ v = \! 5478 \\ w = \! 25 \ , \ h = \! 77 \ , \ x = \! 9 \ , \ y = \! 10 \ , \ v = \! 1925 \end{array}$



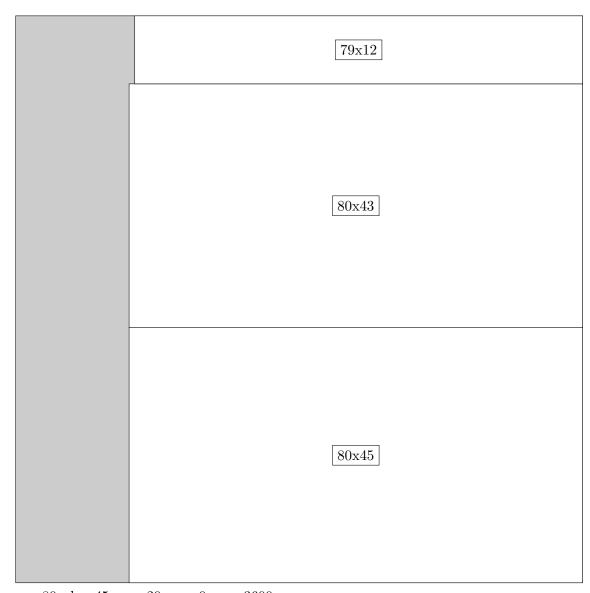
 $\begin{array}{l} w = & 86 \;,\; h = & 71 \;,\; x = & 14 \;,\; y = & 0 \;,\; v = & 6106 \\ w = & 9 \;,\; h = & 67 \;,\; x = & 5 \;,\; y = & 0 \;,\; v = & 603 \\ w = & 84 \;,\; h = & 29 \;,\; x = & 16 \;,\; y = & 71 \;,\; v = & 2436 \end{array}$



$$w = 58$$
, $h = 52$, $x = 42$, $y = 0$, $v = 3016$

$$\le =37$$
 , h =44 , x =5 , y =0 , v =1628

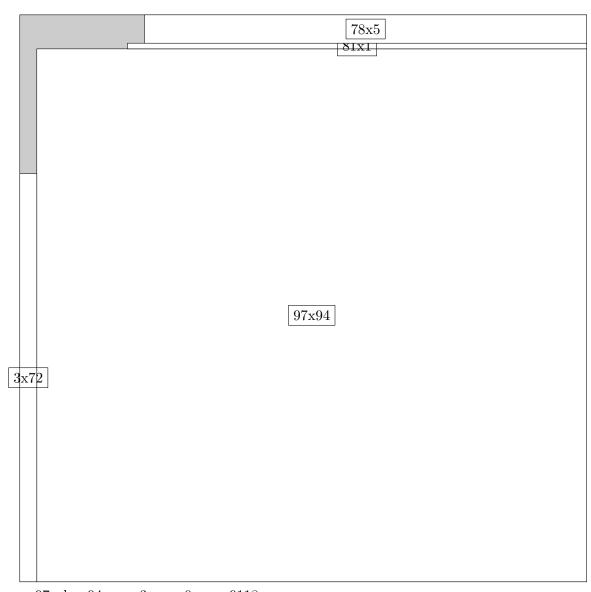
$$\le =80$$
 , h =46 , x =20 , y =54 , v =3680



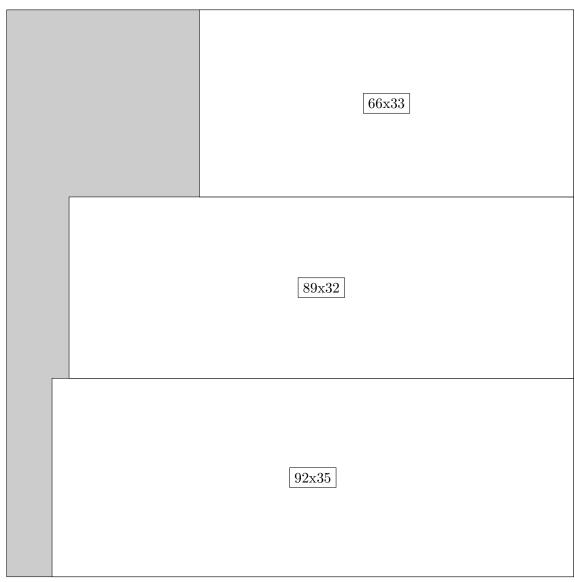
$$\le =80$$
 , h =45 , x =20 , y =0 , v =3600

$$\le =80$$
 , h =43 , x =20 , y =45 , v =3440

$$\le =79$$
 , h =12 , x =21 , y =88 , v =948



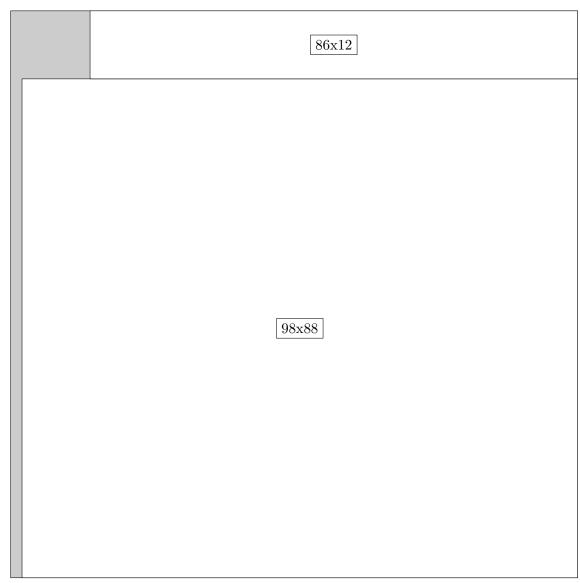
 $\begin{array}{l} w = 97 \;,\; h = 94 \;,\; x = 3 \;,\; y = 0 \;,\; v = 9118 \\ w = 3 \;,\; h = 72 \;,\; x = 0 \;,\; y = 0 \;,\; v = 216 \\ w = 81 \;,\; h = 1 \;,\; x = 19 \;,\; y = 94 \;,\; v = 81 \\ w = 78 \;,\; h = 5 \;,\; x = 22 \;,\; y = 95 \;,\; v = 390 \end{array}$

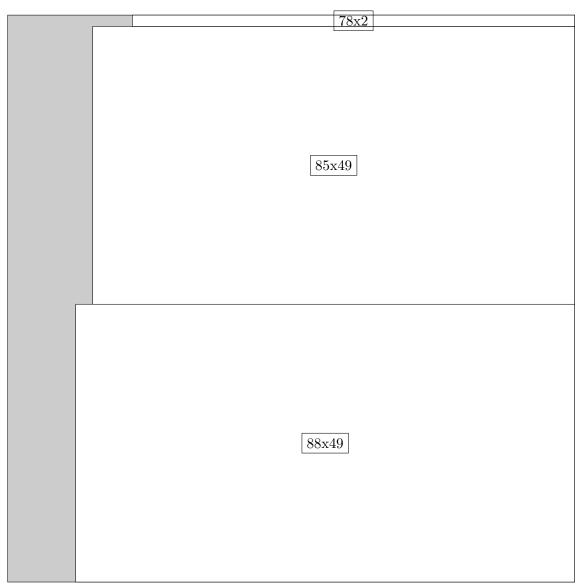


$$\le =92$$
 , h =35 , x =8 , y =0 , v =3220

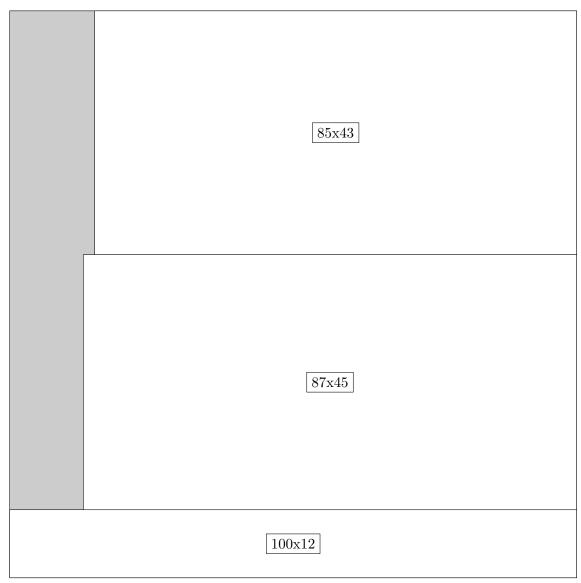
$$\le =89$$
 , h =32 , x =11 , y =35 , v =2848

$$\le =66$$
 , h =33 , x =34 , y =67 , v =2178

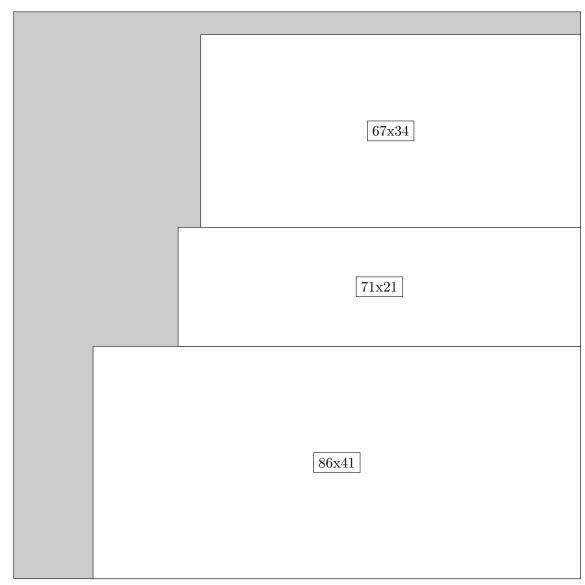




 $\begin{array}{l} w = \! 88 \; , \; h = \! 49 \; , \; x = \! 12 \; , \; y = \! 0 \; , \; v = \! 4312 \\ w = \! 85 \; , \; h = \! 49 \; , \; x = \! 15 \; , \; y = \! 49 \; , \; v = \! 4165 \\ w = \! 78 \; , \; h = \! 2 \; , \; x = \! 22 \; , \; y = \! 98 \; , \; v = \! 156 \end{array}$



$$\begin{array}{l} w = & 100 \ , \ h = & 12 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 1200 \\ w = & 87 \ , \ h = & 45 \ , \ x = & 13 \ , \ y = & 12 \ , \ v = & 3915 \\ w = & 85 \ , \ h = & 43 \ , \ x = & 15 \ , \ y = & 57 \ , \ v = & 3655 \end{array}$$



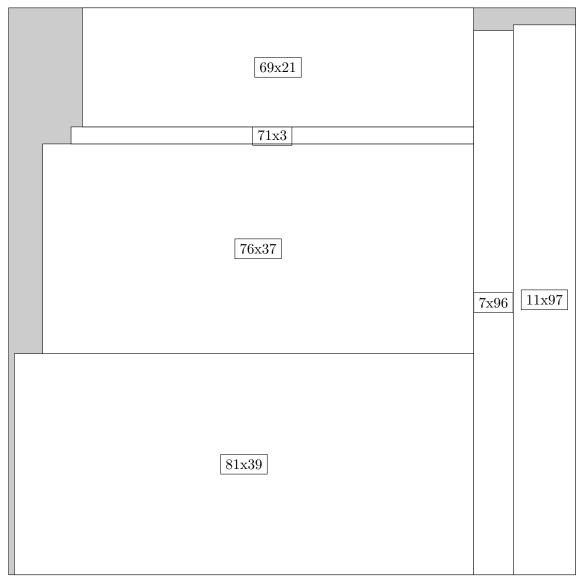
$$\le =86$$
 , h =41 , x =14 , y =0 , v =3526

$$w$$
 =71 , h =21 , x =29 , y =41 , v =1491

$$\le =67$$
 , h =34 , x =33 , y =62 , v =2278



$$\begin{array}{l} w = \! 95 \; , \; h = \! 49 \; , \; x = \! 5 \; , \; y = \! 0 \; , \; v = \! 4655 \\ w = \! 87 \; , \; h = \! 48 \; , \; x = \! 13 \; , \; y = \! 49 \; , \; v = \! 4176 \end{array}$$



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

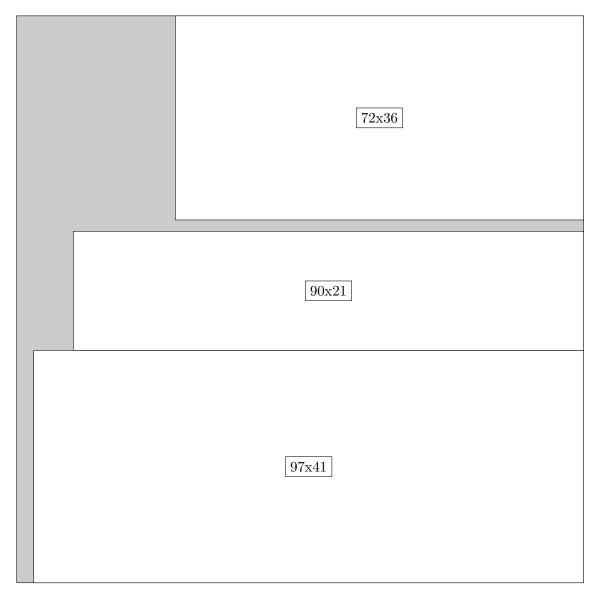
$$w$$
 =7 , h =96 , x =82 , y =0 , v =672

$$\le =81$$
 , $h=39$, $x=1$, $y=0$, $v=3159$

$$\mathbf{w}$$
 =76 , h =37 , x =6 , y =39 , v =2812

$$w$$
 =71 , h =3 , x =11 , y =76 , v =213

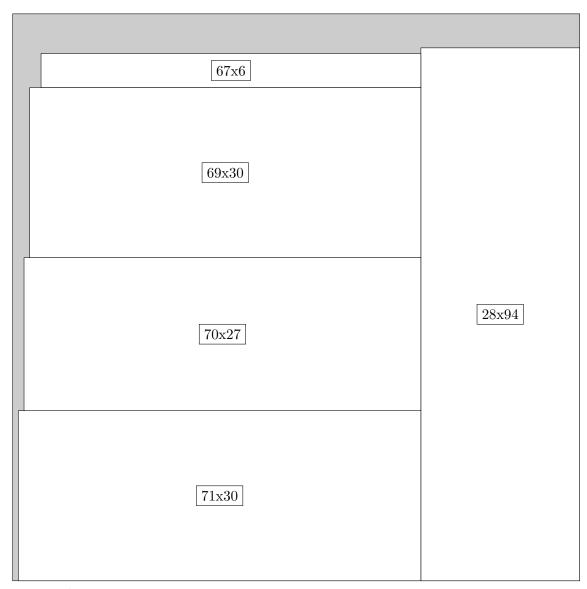
$$\mathbf{w}$$
 =69 , h =21 , x =13 , y =79 , v =1449



$$w = 97$$
, $h = 41$, $x = 3$, $y = 0$, $v = 3977$

$$\le =90$$
 , h =21 , x =10 , y =41 , v =1890

$$\le =72$$
 , h =36 , x =28 , y =64 , v =2592



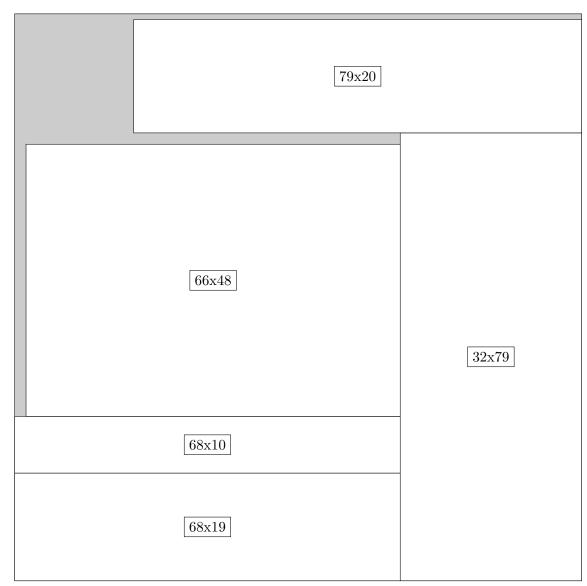
$$\le =28$$
 , h =94 , x =72 , y =0 , v =2632

$$\le =71$$
 , h =30 , x =1 , y =0 , v =2130

$$\le =70$$
 , h =27 , x =2 , y =30 , v =1890

$$\le =69$$
 , h =30 , x =3 , y =57 , v =2070

$$\le =67$$
 , $h=6$, $x=5$, $y=87$, $v=\!402$



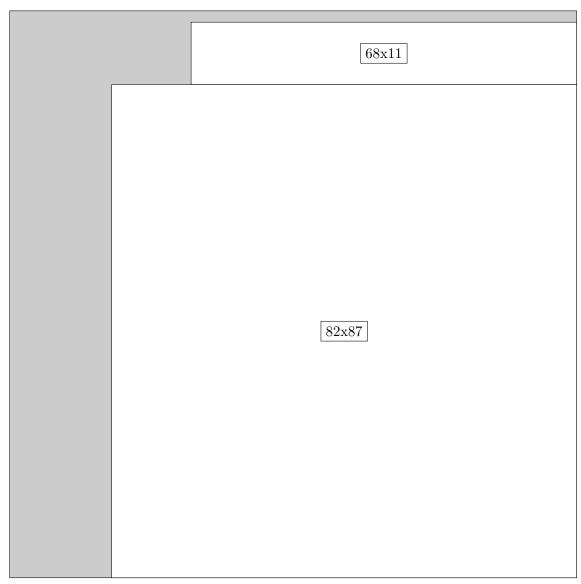
$$\le =32$$
 , $h=79$, $x=68$, $y=0$, $v=2528$

$$\mathbf{w}$$
 =68 , h =19 , x =0 , y =0 , v =1292

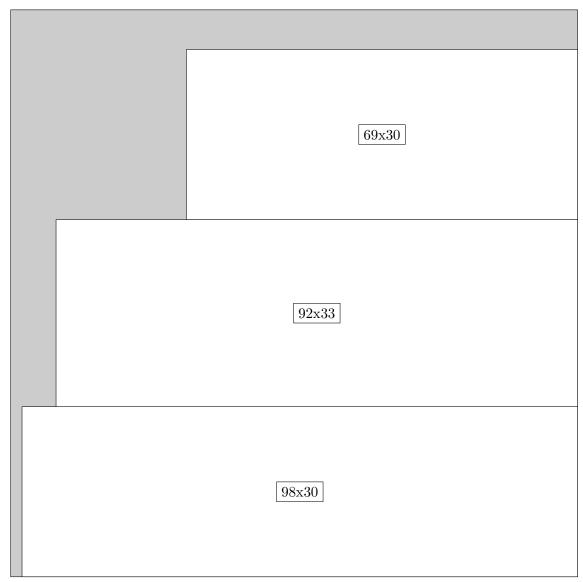
$$\le =68$$
 , h =10 , x =0 , y =19 , v =680

$$\le =66$$
 , h =48 , x =2 , y =29 , v =3168

$$\le =79$$
 , h =20 , x =21 , y =79 , v =1580



$$\begin{array}{l} w = \! 82 \; , \; h = \! 87 \; , \; x = \! 18 \; , \; y = \! 0 \; , \; v = \! 7134 \\ w = \! 68 \; , \; h = \! 11 \; , \; x = \! 32 \; , \; y = \! 87 \; , \; v = \! 748 \end{array}$$



$$\le =98$$
 , h =30 , x =2 , y =0 , v =2940

$$\le =92$$
 , h =33 , x =8 , y =30 , v =3036

$$\le =69$$
 , h =30 , x =31 , y =63 , v =2070