$ClassName: \ Class\_08.2bp-43$ 

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

TypeNum: <u>97</u> Num: <u>100</u> OutS: <u>300000</u> InS: <u>254529</u> Rate: <u>0.848</u> UB: <u>30</u> LB0: <u>30</u> LB: <u>30</u>

LBWithCut:  $\underline{\mathbf{30}}$ NodeCut:  $\underline{\mathbf{0}}$ 

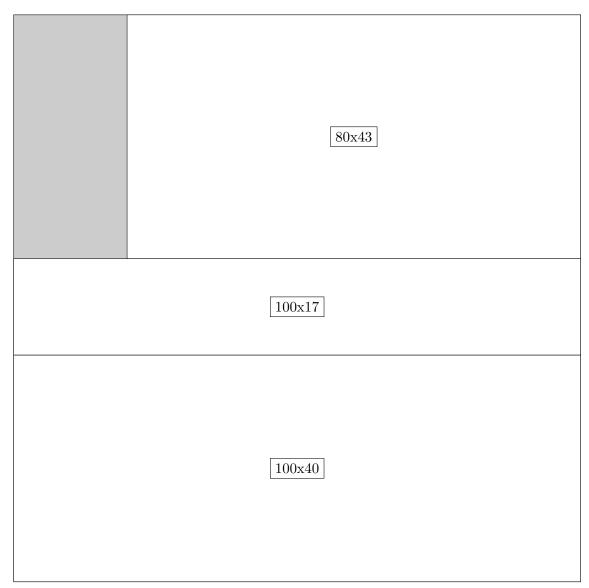
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{30}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

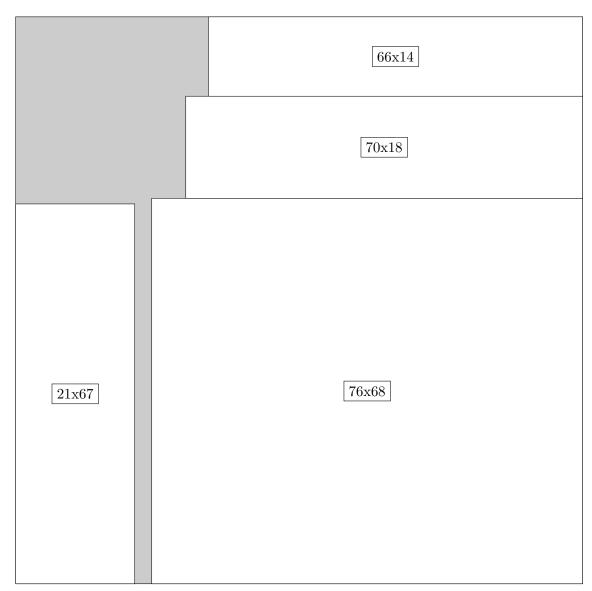
isOpt:  $\underline{\mathbf{true}}$ 

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.328 s



 $\begin{array}{l} w = \! 100 \ , \ h = \! 40 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4000 \\ w = \! 100 \ , \ h = \! 17 \ , \ x = \! 0 \ , \ y = \! 40 \ , \ v = \! 1700 \\ w = \! 80 \ , \ h = \! 43 \ , \ x = \! 20 \ , \ y = \! 57 \ , \ v = \! 3440 \end{array}$ 

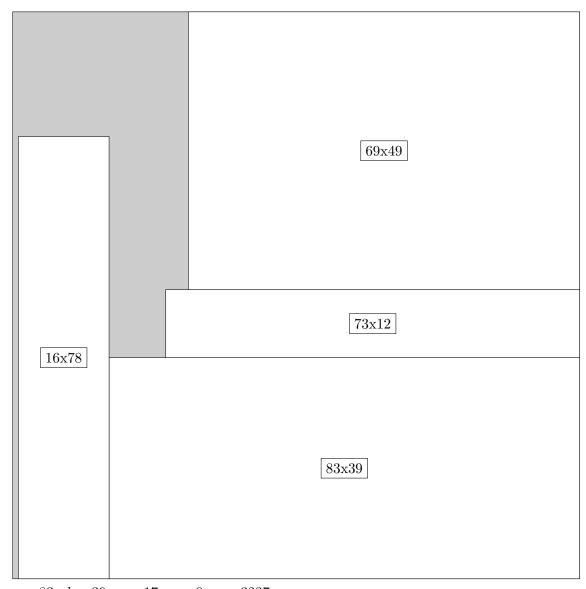


w = 76 , h = 68 , x = 24 , y = 0 , v = 5168

 $\le =70$  , h =18 , x =30 , y =68 , v =1260

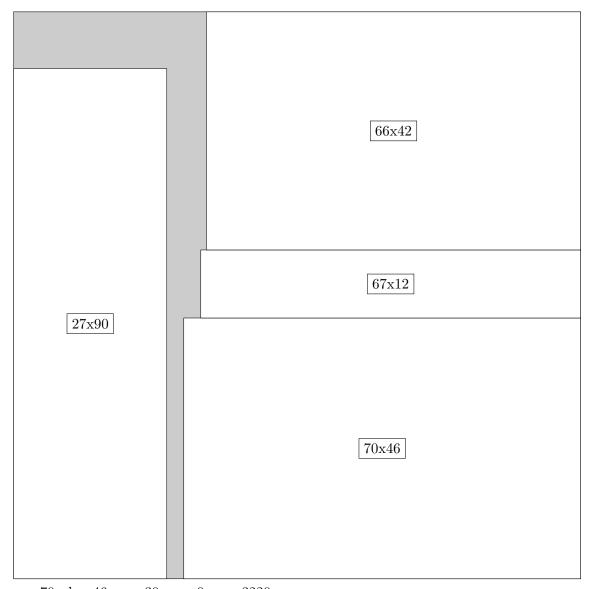
 $\le =66$  , h =14 , x =34 , y =86 , v =924

 $\le =21$  , h =67 , x =0 , y =0 , v =1407



 $\begin{array}{l} w = \! 83 \ , \ h = \! 39 \ , \ x = \! 17 \ , \ y = \! 0 \ , \ v = \! 3237 \\ w = \! 73 \ , \ h = \! 12 \ , \ x = \! 27 \ , \ y = \! 39 \ , \ v = \! 876 \\ w = \! 69 \ , \ h = \! 49 \ , \ x = \! 31 \ , \ y = \! 51 \ , \ v = \! 3381 \end{array}$ 

 $\mathbf{w}$  =16 , h =78 , x =1 , y =0 , v =1248

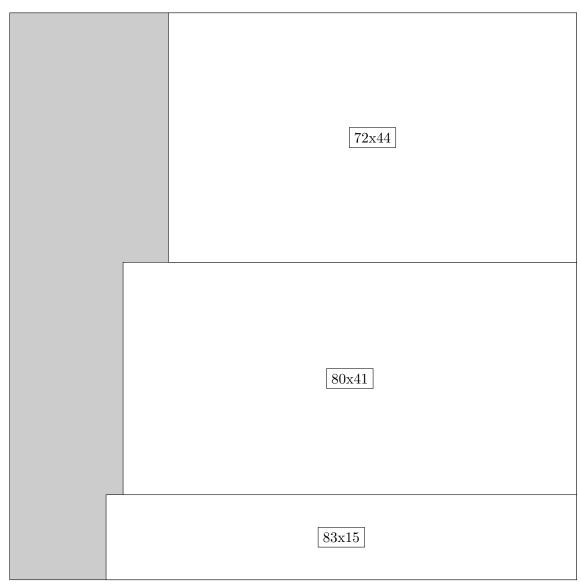


$$\le =70$$
 , h =46 , x =30 , y =0 , v =3220

$$\le =67$$
 , h =12 , x =33 , y =46 , v =804

$$\le =66$$
 , h =42 , x =34 , y =58 , v =2772

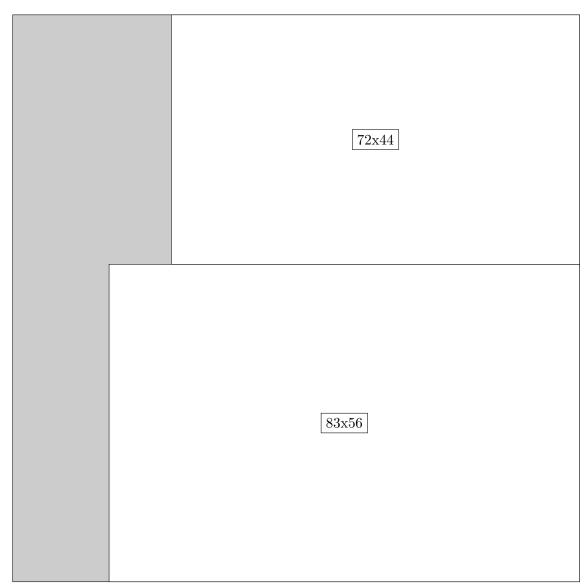
$$\le =27$$
 , h =90 , x =0 , y =0 , v =2430



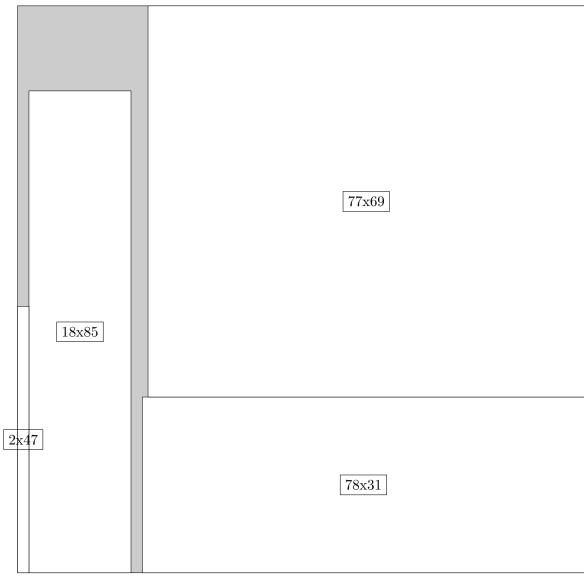
$$\le 83$$
 ,  $h$  =15 ,  $x$  =17 ,  $y$  =0 ,  $v$  =1245

$$\le =80$$
 , h =41 , x =20 , y =15 , v =3280

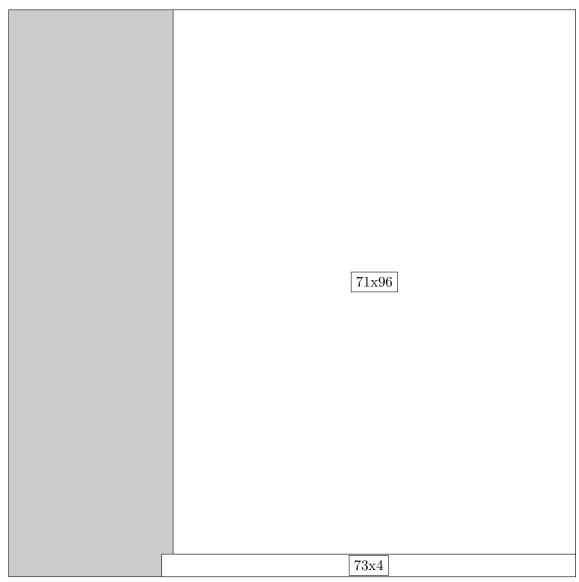
$$\le =72$$
 , h =44 , x =28 , y =56 , v =3168



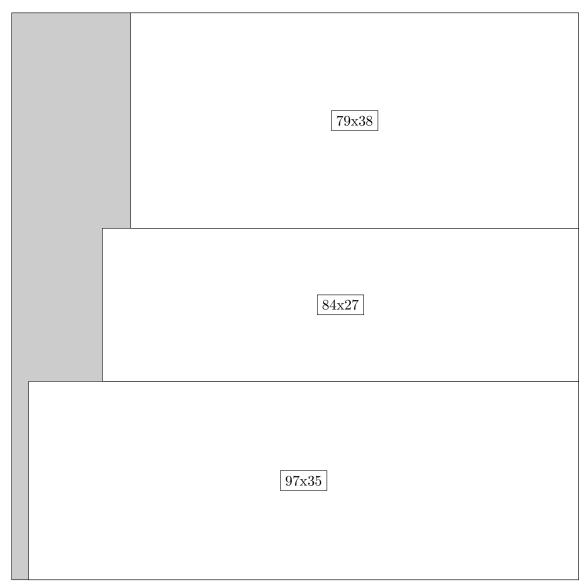
$$\begin{array}{l} w = \! 83 \ , \ h = \! 56 \ , \ x = \! 17 \ , \ y = \! 0 \ , \ v = \! 4648 \\ w = \! 72 \ , \ h = \! 44 \ , \ x = \! 28 \ , \ y = \! 56 \ , \ v = \! 3168 \end{array}$$



 $\begin{array}{l} w=78 \ , \ h=31 \ , \ x=22 \ , \ y=0 \ , \ v=2418 \\ w=77 \ , \ h=69 \ , \ x=23 \ , \ y=31 \ , \ v=5313 \\ w=18 \ , \ h=85 \ , \ x=2 \ , \ y=0 \ , \ v=1530 \\ w=2 \ , \ h=47 \ , \ x=0 \ , \ y=0 \ , \ v=94 \end{array}$ 



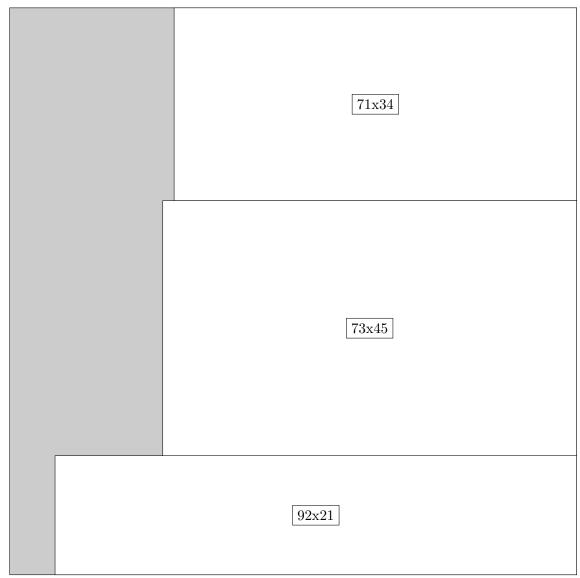
 $\begin{array}{l} w = \! 73 \ , \ h = \! 4 \ , \ x = \! 27 \ , \ y = \! 0 \ , \ v = \! 292 \\ w = \! 71 \ , \ h = \! 96 \ , \ x = \! 29 \ , \ y = \! 4 \ , \ v = \! 6816 \end{array}$ 



$$\le 97$$
 , h =35 , x =3 , y =0 , v =3395

$$\le =84$$
 , h =27 , x =16 , y =35 , v =2268

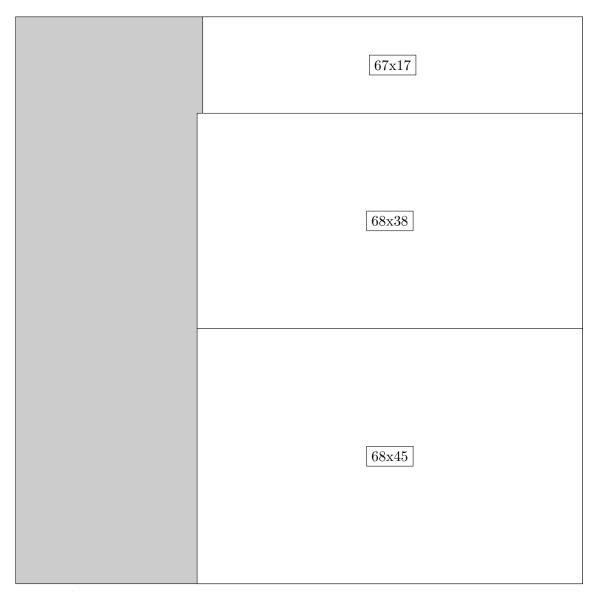
$$\le =79$$
 , h =38 , x =21 , y =62 , v =3002



$$\le =92$$
 , h =21 , x =8 , y =0 , v =1932

$$w$$
 =73 , h =45 , x =27 , y =21 , v =3285

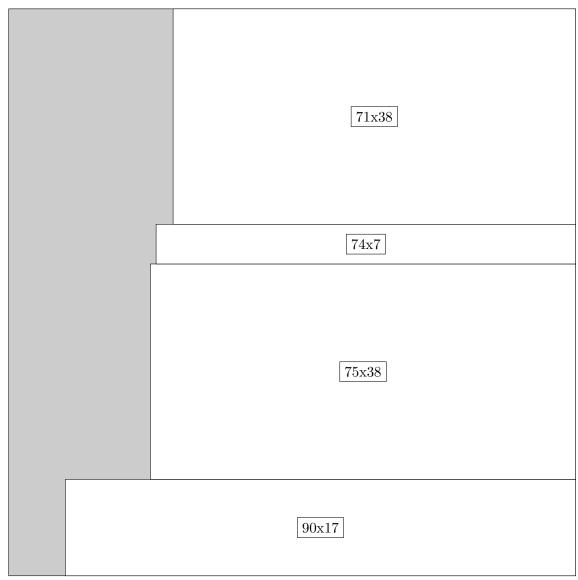
$$\le =71$$
 , h =34 , x =29 , y =66 , v =2414



$$\le =68$$
 ,  $h=45$  ,  $x=32$  ,  $y=0$  ,  $v=3060$ 

$$\le =68$$
 , h =38 , x =32 , y =45 , v =2584

$$\le =67$$
 , h =17 , x =33 , y =83 , v =1139

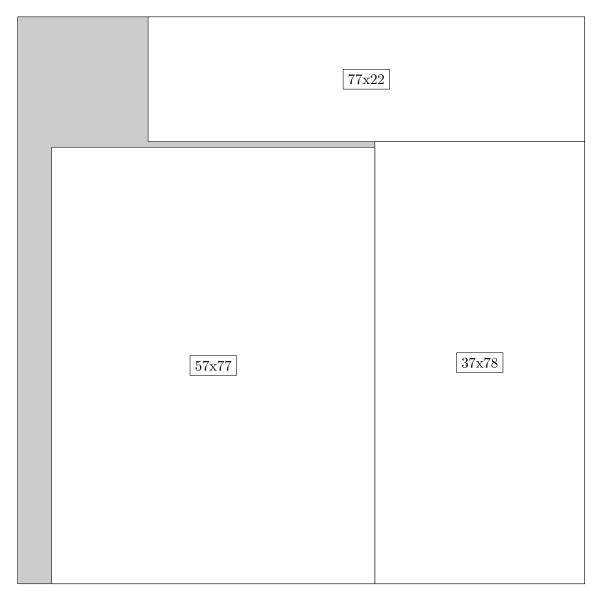


$$\le =90$$
 , h =17 , x =10 , y =0 , v =1530

$$\le =75$$
 , h =38 , x =25 , y =17 , v =2850

$$\le =74$$
 , h =7 , x =26 , y =55 , v =518

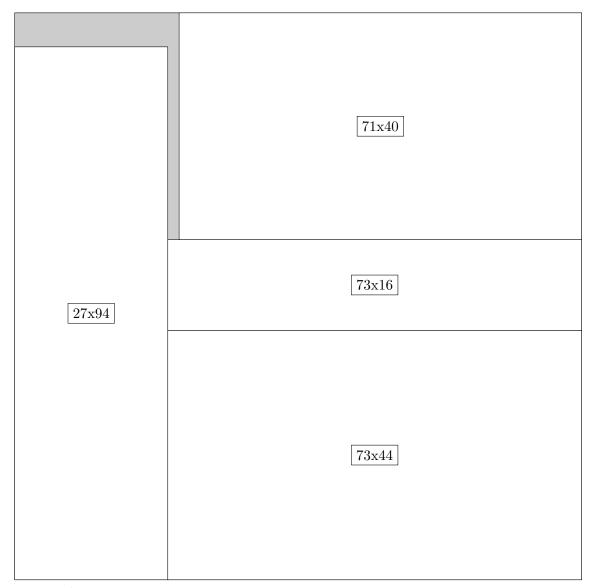
$$\le =71$$
 , h =38 , x =29 , y =62 , v =2698



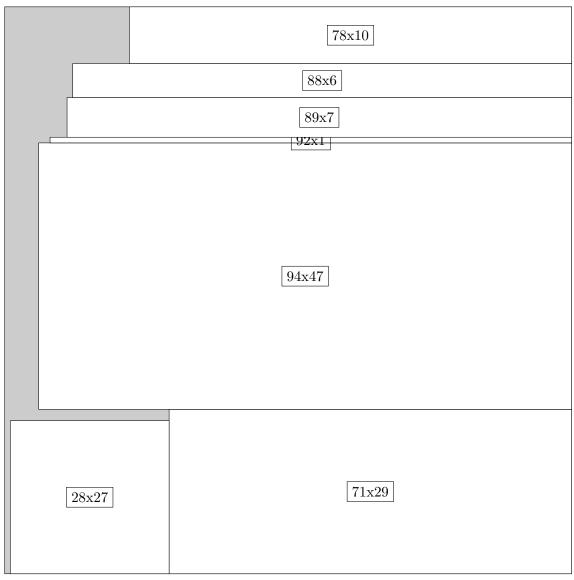
$$\le 37$$
 ,  $h$  =78 ,  $x$  =63 ,  $y$  =0 ,  $v$  =2886

$$\le 57$$
 , h =  
77 , x =  
6 , y =  
0 , v =  
4389

$$\le =77$$
 , h =22 , x =23 , y =78 , v =1694



$$\begin{array}{l} w = 73 \ , \ h = 44 \ , \ x = 27 \ , \ y = 0 \ , \ v = 3212 \\ w = 73 \ , \ h = 16 \ , \ x = 27 \ , \ y = 44 \ , \ v = 1168 \\ w = 71 \ , \ h = 40 \ , \ x = 29 \ , \ y = 60 \ , \ v = 2840 \\ w = 27 \ , \ h = 94 \ , \ x = 0 \ , \ y = 0 \ , \ v = 2538 \end{array}$$



$$w = 71$$
 ,  $h = 29$  ,  $x = 29$  ,  $y = 0$  ,  $v = 2059$ 

$$\le =28$$
 , h =27 , x =1 , y =0 , v =756

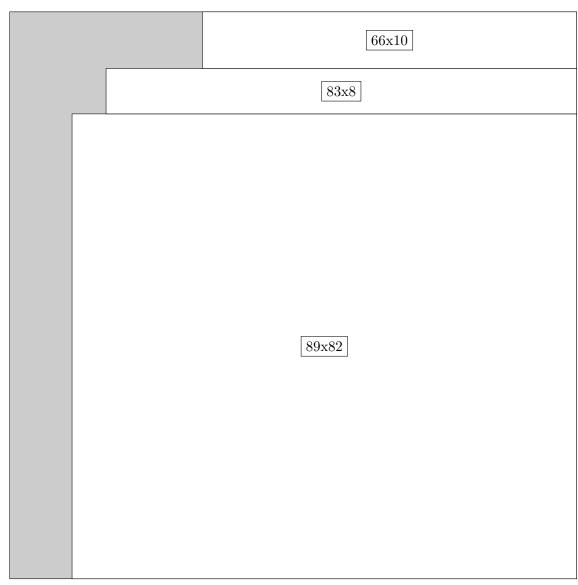
$$\le =94$$
 , h =47 , x =6 , y =29 , v =4418

$$\le =92$$
 , h =1 , x =8 , y =76 , v =92

$$\le =89$$
 , h =7 , x =11 , y =77 , v =623

$$\le =88$$
 ,  $h$  =6 ,  $x$  =12 ,  $y$  =84 ,  $v$  =528

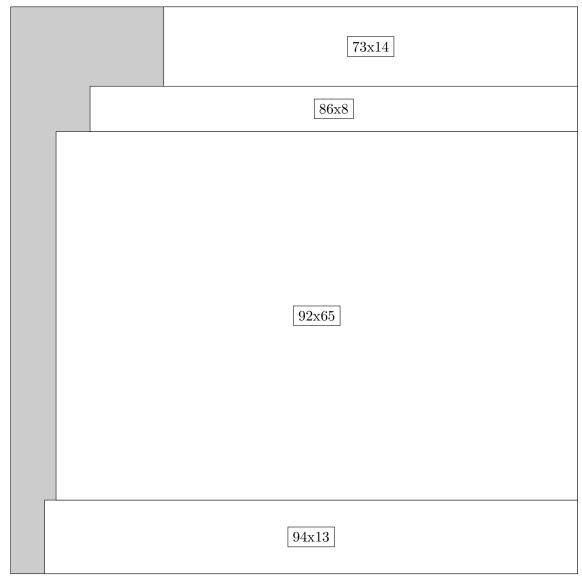
$$w = 78$$
,  $h = 10$ ,  $x = 22$ ,  $y = 90$ ,  $v = 780$ 



$$\le =89$$
 , h =82 , x =11 , y =0 , v =7298

$$\le =83$$
 , h =8 , x =17 , y =82 , v =664

$$\le =66$$
 ,  $h$  =10 ,  $x$  =34 ,  $y$  =90 ,  $v$  =660

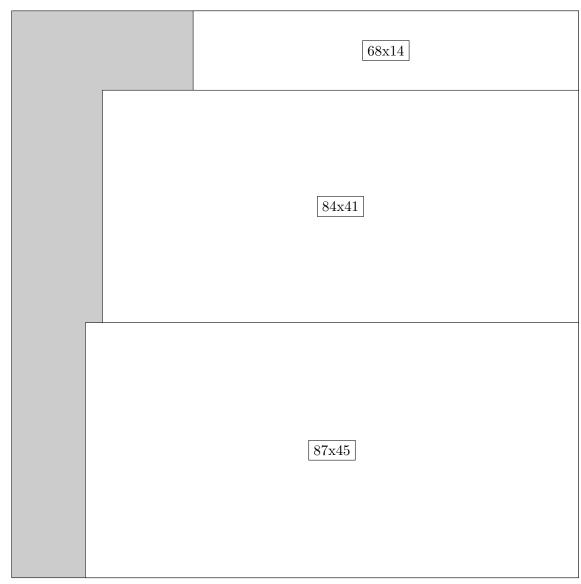


$$\le =94$$
 ,  $h$  =13 ,  $x$  =6 ,  $y$  =0 ,  $v$  =1222

$$\le =92$$
 , h =65 , x =8 , y =13 , v =5980

$$\le =86$$
 , h =8 , x =14 , y =78 , v =688

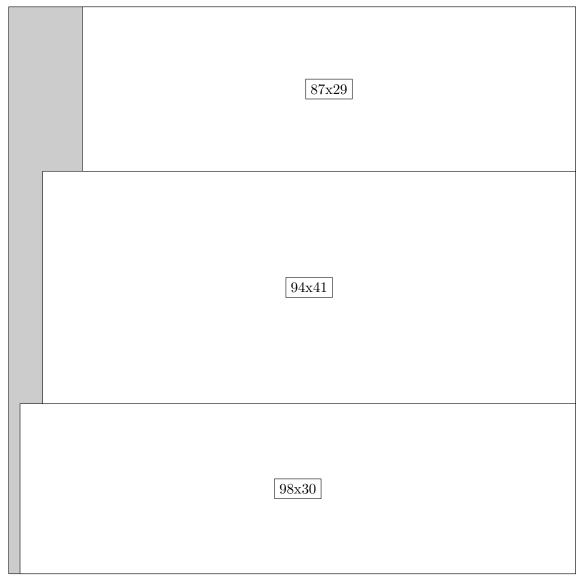
$$w$$
 =73 ,  $h$  =14 ,  $x$  =27 ,  $y$  =86 ,  $v$  =1022



$$\le =87$$
 , h =45 , x =13 , y =0 , v =3915

$$\le =84$$
 ,  $h$  =41 ,  $x$  =16 ,  $y$  =45 ,  $v$  =3444

$$\le =68$$
 , h =14 , x =32 , y =86 , v =952



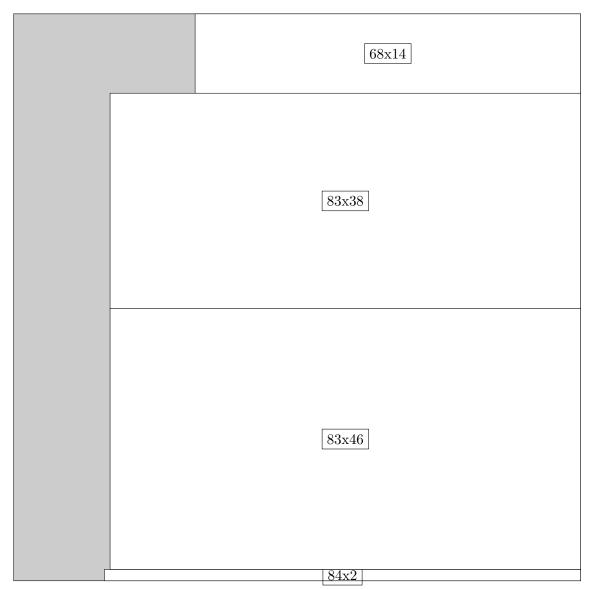
$$w = 98$$
,  $h = 30$ ,  $x = 2$ ,  $y = 0$ ,  $v = 2940$ 

$$\le =94$$
 , h =41 , x =6 , y =30 , v =3854

$$\le =87$$
 , h =29 , x =13 , y =71 , v =2523



$$\begin{array}{l} w = \! 84 \ , \, h = \! 63 \ , \, x = \! 16 \ , \, y = \! 0 \ , \, v = \! 5292 \\ w = \! 69 \ , \, h = \! 37 \ , \, x = \! 31 \ , \, y = \! 63 \ , \, v = \! 2553 \end{array}$$

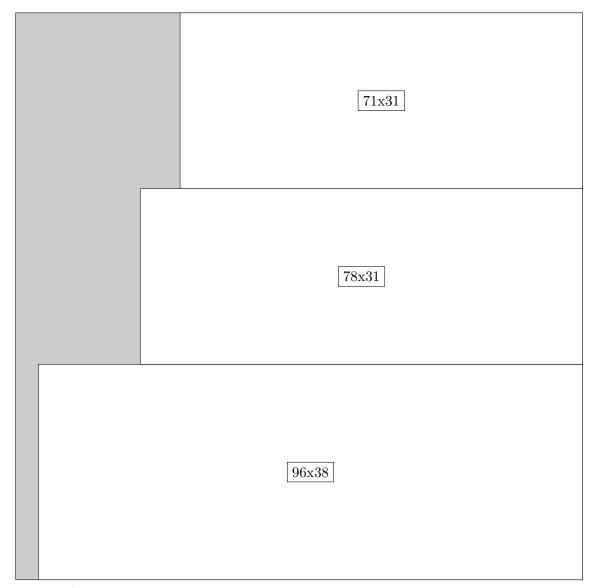


$$\le =84$$
 ,  $h$  =2 ,  $x$  =16 ,  $y$  =0 ,  $v$  =168

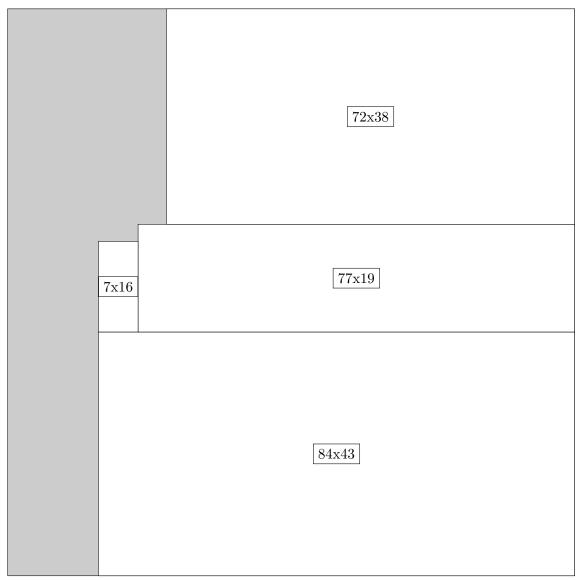
$$\le =83$$
 , h =46 , x =17 , y =2 , v =3818

$$\le =83$$
 , h =38 , x =17 , y =48 , v =3154

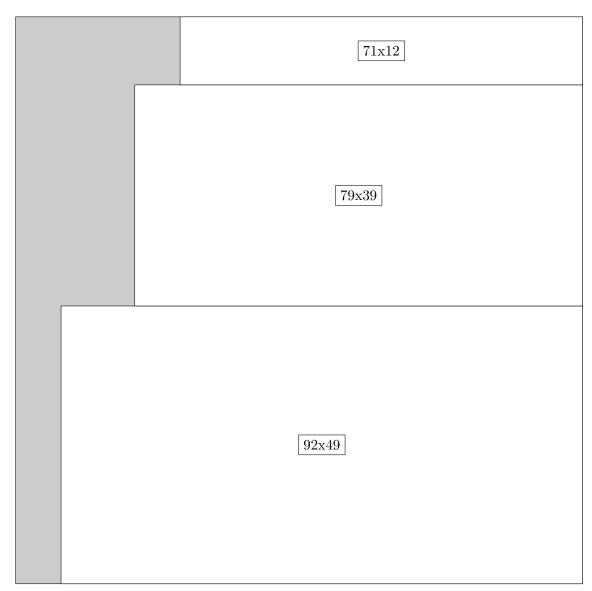
$$\le =68$$
 , h =14 , x =32 , y =86 , v =952



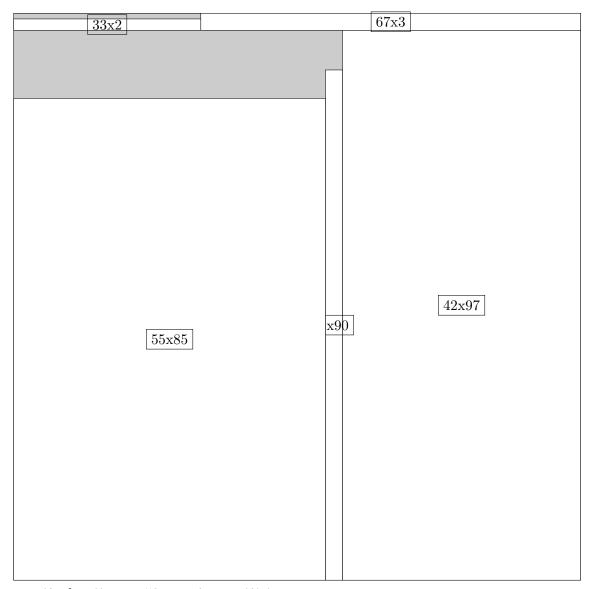
$$\begin{array}{l} w = \! 96 \ , \ h = \! 38 \ , \ x = \! 4 \ , \ y = \! 0 \ , \ v = \! 3648 \\ w = \! 78 \ , \ h = \! 31 \ , \ x = \! 22 \ , \ y = \! 38 \ , \ v = \! 2418 \\ w = \! 71 \ , \ h = \! 31 \ , \ x = \! 29 \ , \ y = \! 69 \ , \ v = \! 2201 \end{array}$$



 $\begin{array}{l} w = \! 84 \; , \; h = \! 43 \; , \; x = \! 16 \; , \; y = \! 0 \; , \; v = \! 3612 \\ w = \! 77 \; , \; h = \! 19 \; , \; x = \! 23 \; , \; y = \! 43 \; , \; v = \! 1463 \\ w = \! 7 \; , \; h = \! 16 \; , \; x = \! 16 \; , \; y = \! 43 \; , \; v = \! 112 \\ w = \! 72 \; , \; h = \! 38 \; , \; x = \! 28 \; , \; y = \! 62 \; , \; v = \! 2736 \end{array}$ 



$$\begin{array}{l} w = 92 \ , \ h = 49 \ , \ x = 8 \ , \ y = 0 \ , \ v = 4508 \\ w = 79 \ , \ h = 39 \ , \ x = 21 \ , \ y = 49 \ , \ v = 3081 \\ w = 71 \ , \ h = 12 \ , \ x = 29 \ , \ y = 88 \ , \ v = 852 \end{array}$$

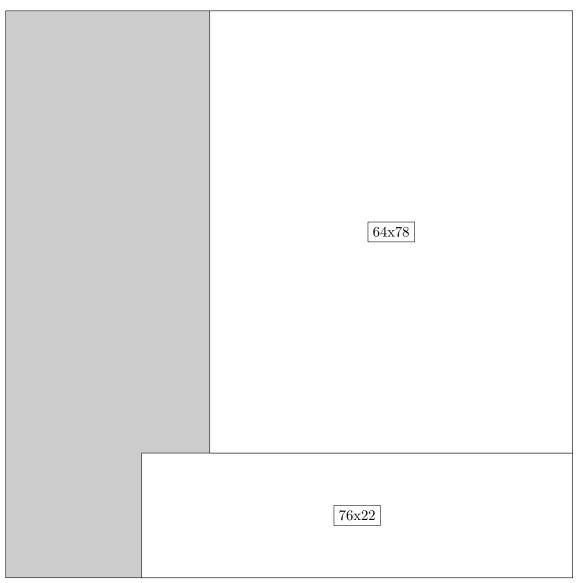


 $\begin{array}{l} w = \!\! 42 \; , \; h = \!\! 97 \; , \; x = \!\! 58 \; , \; y = \!\! 0 \; , \; v = \!\! 4074 \\ w = \!\! 3 \; , \; h = \!\! 90 \; , \; x = \!\! 55 \; , \; y = \!\! 0 \; , \; v = \!\! 270 \\ \end{array}$ 

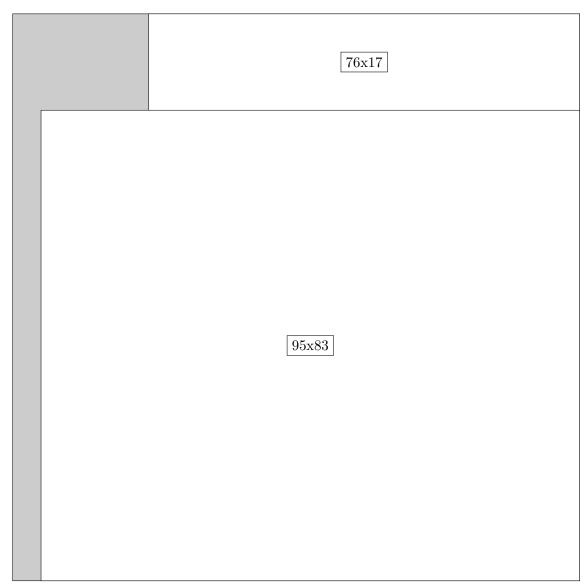
w = 55, h = 85, x = 0, y = 0, v = 4675

 $\le =67$  , h =3 , x =33 , y =97 , v =201

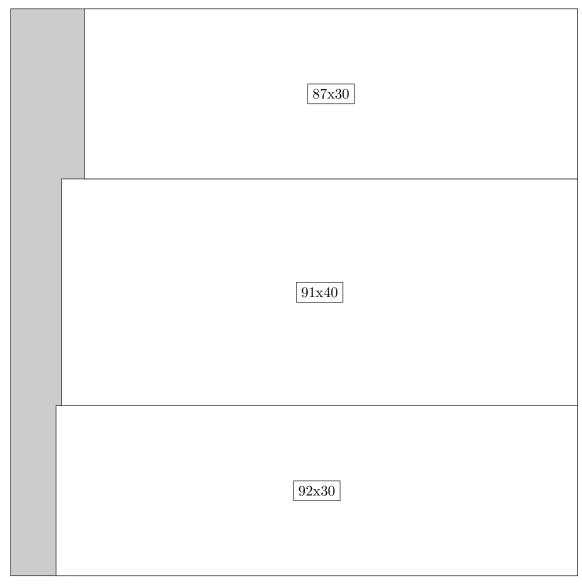
 $\le =33$  , h =2 , x =0 , y =97 , v =66



$$\begin{array}{l} w = \! 76 \ , \, h = \! 22 \ , \, x = \! 24 \ , \, y = \! 0 \ , \, v = \! 1672 \\ w = \! 64 \ , \, h = \! 78 \ , \, x = \! 36 \ , \, y = \! 22 \ , \, v = \! 4992 \end{array}$$



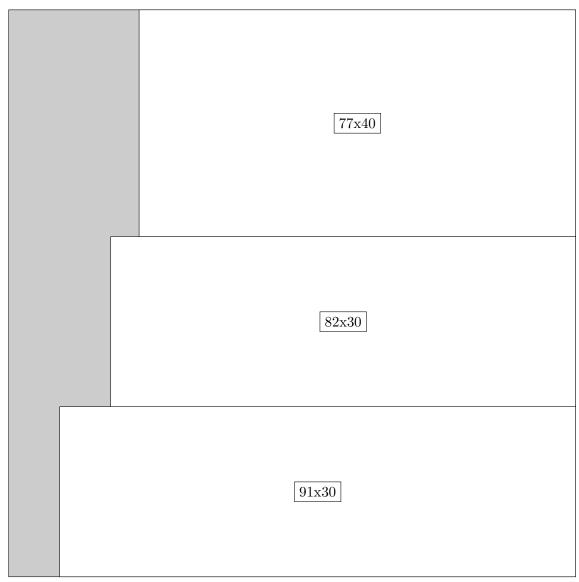
$$\begin{array}{l} w = \! 95 \; , \; h = \! 83 \; , \; x = \! 5 \; , \; y = \! 0 \; , \; v = \! 7885 \\ w = \! 76 \; , \; h = \! 17 \; , \; x = \! 24 \; , \; y = \! 83 \; , \; v = \! 1292 \end{array}$$



$$\le =92$$
 , h =30 , x =8 , y =0 , v =2760

$$\le =91$$
 , h =40 , x =9 , y =30 , v =3640

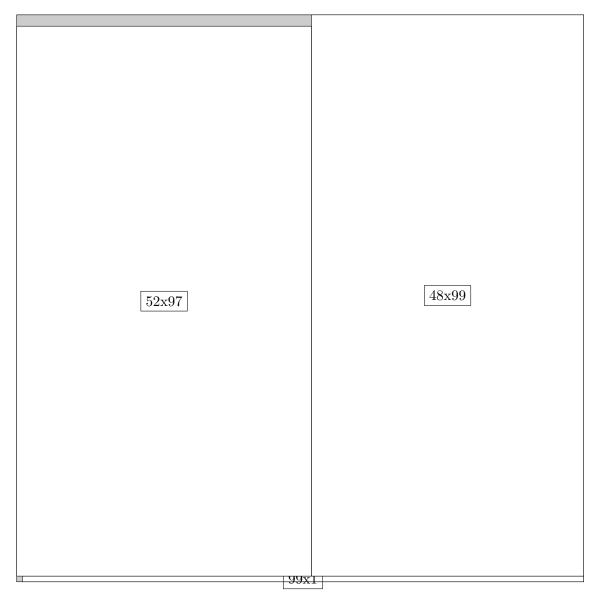
$$\le =87$$
 , h =30 , x =13 , y =70 , v =2610



$$\le =91$$
 , h =30 , x =9 , y =0 , v =2730

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

$$\le =77$$
 , h =40 , x =23 , y =60 , v =3080



 $\begin{array}{l} w = 99 \ , \ h = 1 \ , \ x = 1 \ , \ y = 0 \ , \ v = 99 \\ w = 48 \ , \ h = 99 \ , \ x = 52 \ , \ y = 1 \ , \ v = 4752 \\ w = 52 \ , \ h = 97 \ , \ x = 0 \ , \ y = 1 \ , \ v = 5044 \end{array}$