${\it ClassName:}\ {\it Class\_08.2bp-40}$ 

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

TypeNum: <u>99</u> Num: <u>100</u> OutS: <u>270000</u> InS: <u>226929</u> Rate: <u>0.840</u> UB: <u>27</u> LB0: <u>26</u> LB: <u>27</u>

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

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

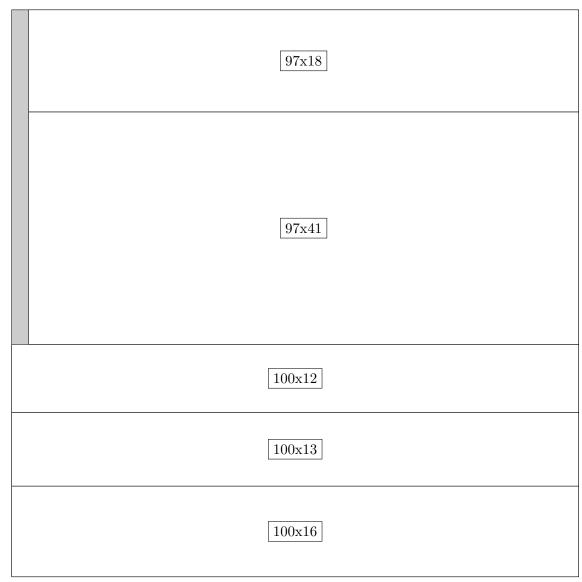
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{83}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{57}}$ PricingSolverCnt:  $\underline{\mathbf{57}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

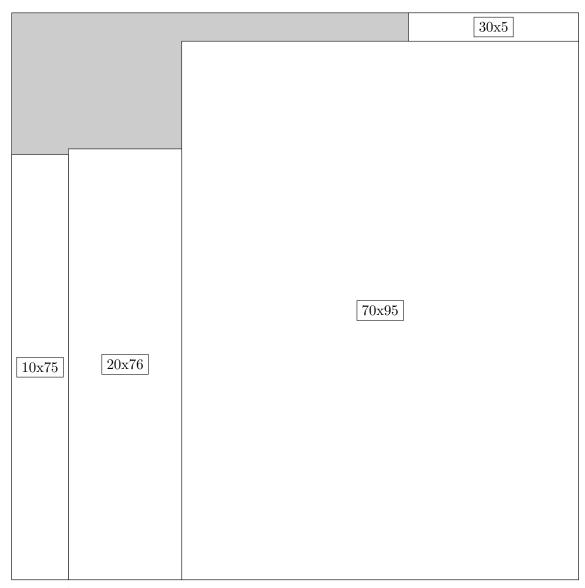
TimeOnInitSolution:  $\underline{600.000 \text{ s}}$ 

TimeOnPrimal: <u>0.000 s</u>
TimeOnPricing: <u>2999.640 s</u>

 $\begin{array}{l} {\rm TimeOnRmp:}~\underline{0.079~s} \\ {\rm TotalTime:}~3600.001~s \end{array}$ 



$$\begin{array}{l} w = \! 100 \; , \; h = \! 16 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 1600 \\ w = \! 100 \; , \; h = \! 13 \; , \; x = \! 0 \; , \; y = \! 16 \; , \; v = \! 1300 \\ w = \! 100 \; , \; h = \! 12 \; , \; x = \! 0 \; , \; y = \! 29 \; , \; v = \! 1200 \\ w = \! 97 \; , \; h = \! 41 \; , \; x = \! 3 \; , \; y = \! 41 \; , \; v = \! 3977 \\ w = \! 97 \; , \; h = \! 18 \; , \; x = \! 3 \; , \; y = \! 82 \; , \; v = \! 1746 \end{array}$$

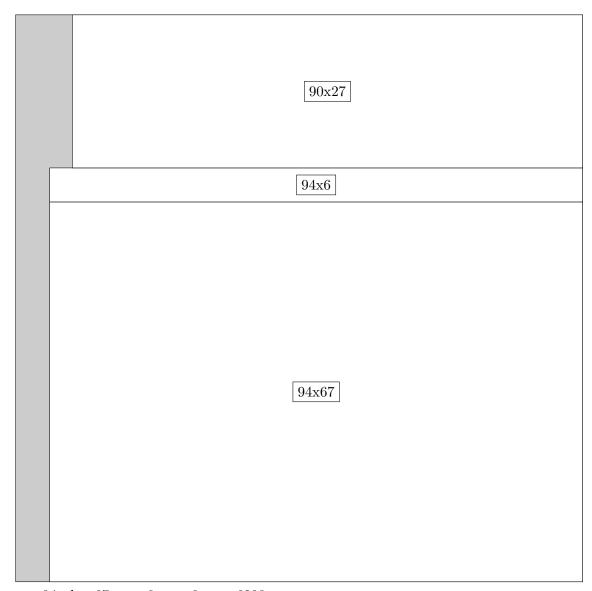


$$\le =70$$
 , h =95 , x =30 , y =0 , v =6650

$$\le =30$$
 , h =5 , x =70 , y =95 , v =150

$$\le =20$$
 , h =76 , x =10 , y =0 , v =1520

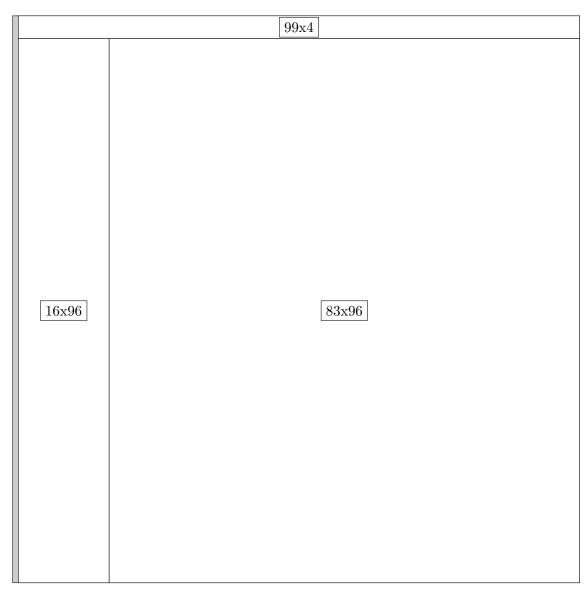
$$\mathbf{w}$$
 =10 , h =75 , x =0 , y =0 , v =750



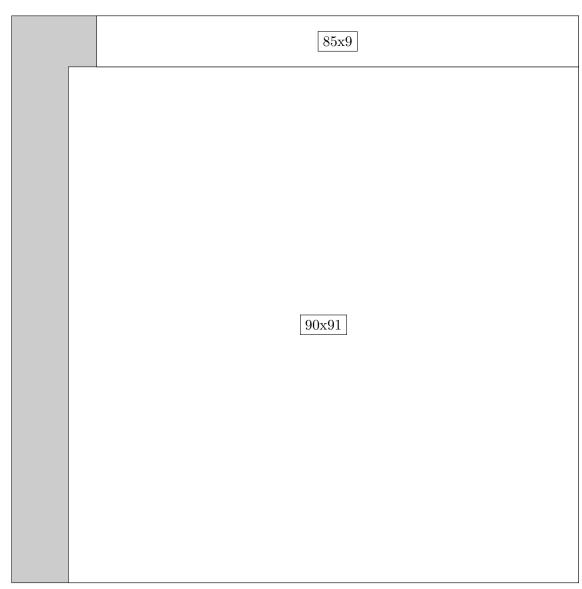
$$\le =94$$
 , h =67 , x =6 , y =0 , v =6298

$$\le =94$$
 , h =6 , x =6 , y =67 , v =  
564

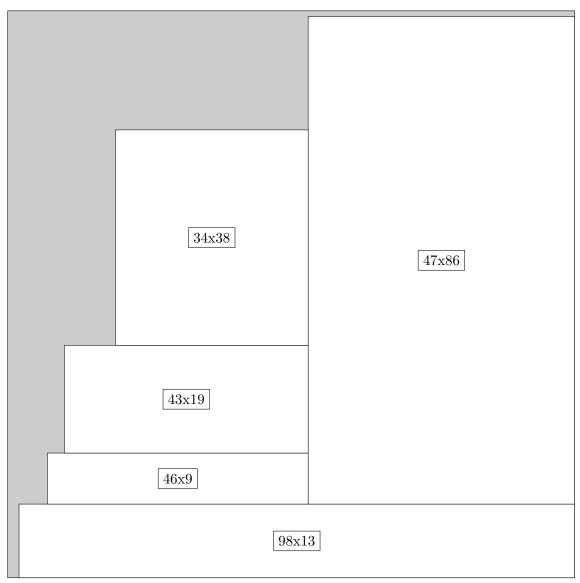
$$\le =90$$
 , h =27 , x =10 , y =73 , v =2430



 $\begin{array}{l} w = \! 83 \ , \ h = \! 96 \ , \ x = \! 17 \ , \ y = \! 0 \ , \ v = \! 7968 \\ w = \! 16 \ , \ h = \! 96 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 1536 \\ w = \! 99 \ , \ h = \! 4 \ , \ x = \! 1 \ , \ y = \! 96 \ , \ v = \! 396 \end{array}$ 



$$\begin{array}{l} w = \! 90 \ , \ h = \! 91 \ , \ x = \! 10 \ , \ y = \! 0 \ , \ v = \! 8190 \\ w = \! 85 \ , \ h = \! 9 \ , \ x = \! 15 \ , \ y = \! 91 \ , \ v = \! 765 \end{array}$$



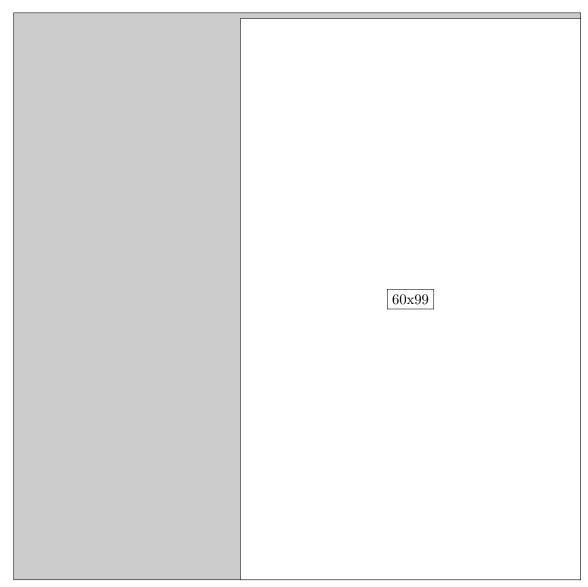
$$w=98$$
 ,  $h=13$  ,  $x=2$  ,  $y=0$  ,  $v=1274$ 

$$\le =47$$
 , h =86 , x =53 , y =13 , v =4042

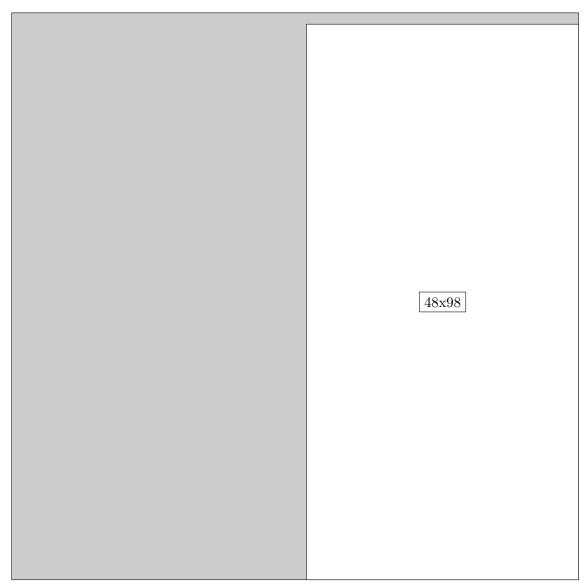
$$\mathbf{w}$$
 =46 , h =9 , x =7 , y =13 , v =414

$$\mathbf{w}$$
 =43 , h =19 , x =10 , y =22 , v =817

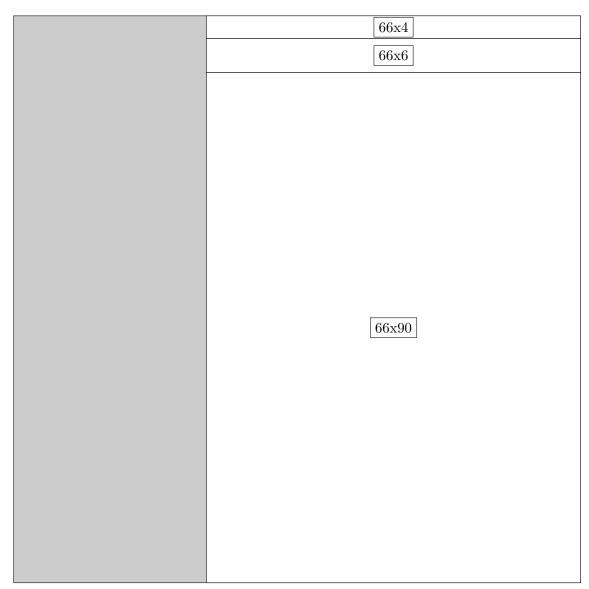
$$\le =34$$
 , h =38 , x =19 , y =41 , v =1292



 $\le =60$  , h =99 , x =40 , y =0 , v =5940



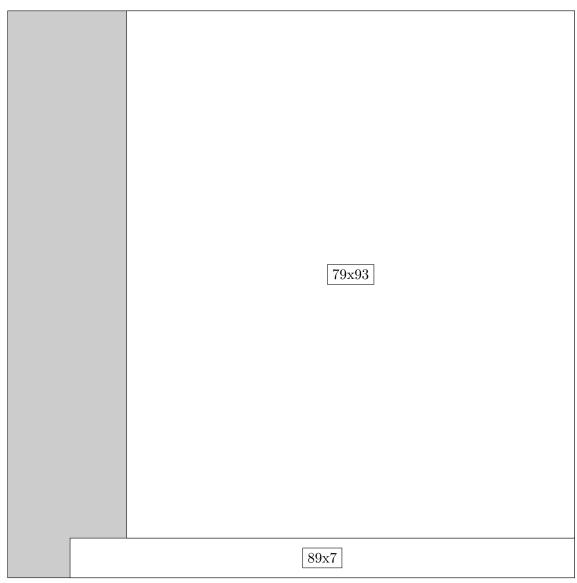
 $\le =48$  , h =98 , x =52 , y =0 , v =4704



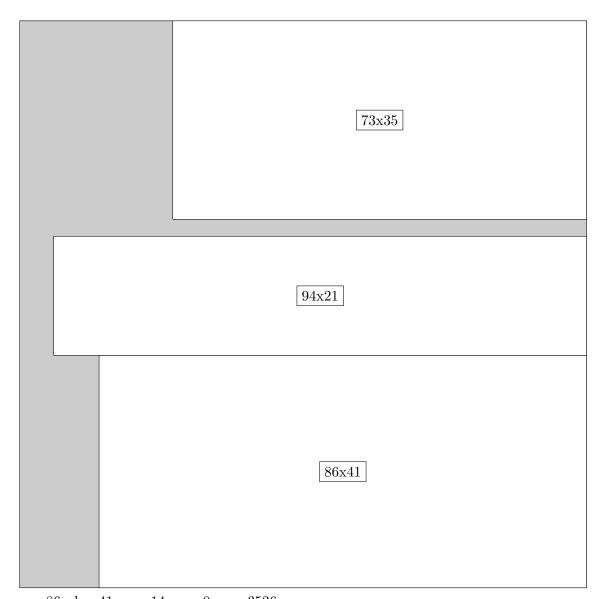
 $\le =66$  , h =90 , x =34 , y =0 , v =5940

 $\mathbf{w}$  =66 , h =6 , x =34 , y =90 , v =396

 $\le =66$  , h =4 , x =34 , y =96 , v =264

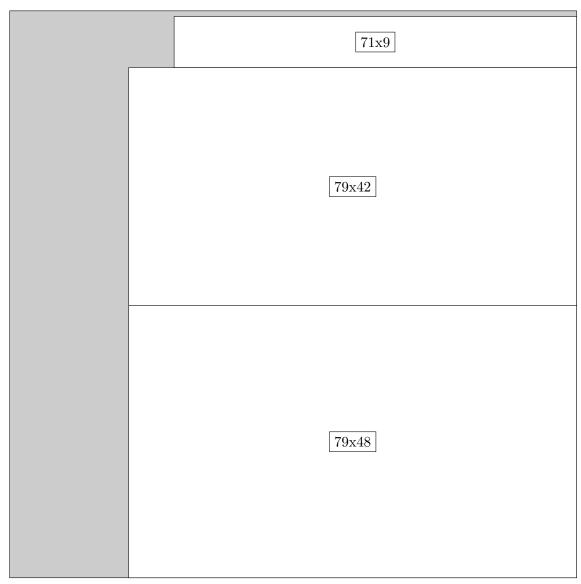


$$\begin{array}{l} w = \! 89 \ , \ h = \! 7 \ , \ x = \! 11 \ , \ y = \! 0 \ , \ v = \! 623 \\ w = \! 79 \ , \ h = \! 93 \ , \ x = \! 21 \ , \ y = \! 7 \ , \ v = \! 7347 \end{array}$$

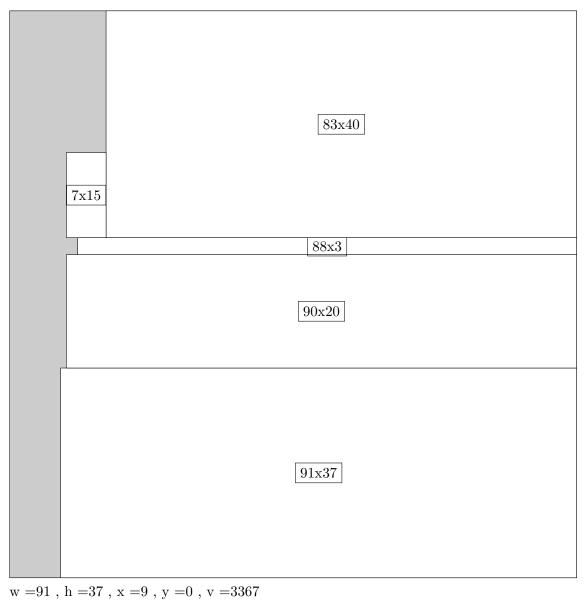


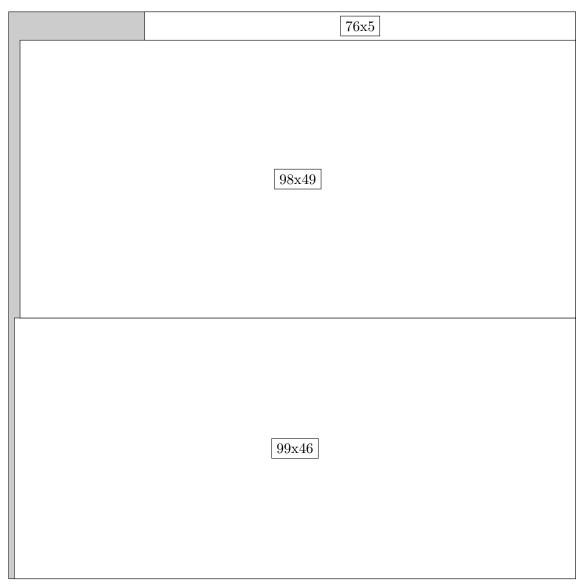
$$\begin{array}{l} w = \!\!86 \ , \ h = \!\!41 \ , \ x = \!\!14 \ , \ y = \!\!0 \ , \ v = \!\!3526 \\ w = \!\!94 \ , \ h = \!\!21 \ , \ x = \!\!6 \ , \ y = \!\!41 \ , \ v = \!\!1974 \end{array}$$

$$\le =73$$
 , h =35 , x =27 , y =65 , v =2555



$$\begin{array}{l} w = 79 \ , \ h = 48 \ , \ x = 21 \ , \ y = 0 \ , \ v = 3792 \\ w = 79 \ , \ h = 42 \ , \ x = 21 \ , \ y = 48 \ , \ v = 3318 \\ w = 71 \ , \ h = 9 \ , \ x = 29 \ , \ y = 90 \ , \ v = 639 \end{array}$$

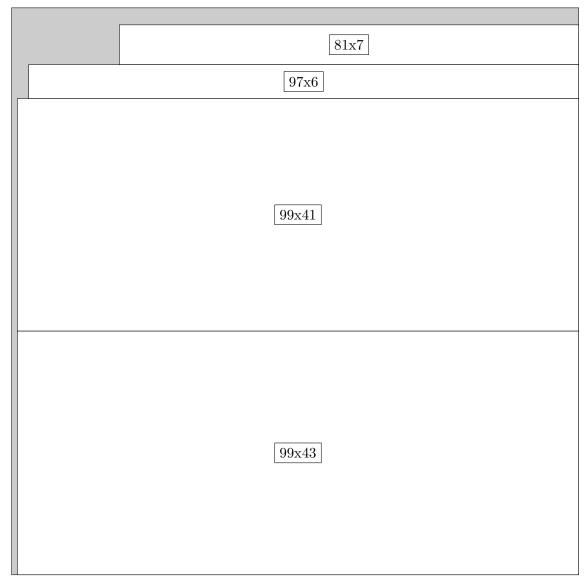




$$w = 99$$
,  $h = 46$ ,  $x = 1$ ,  $y = 0$ ,  $v = 4554$ 

$$\le =98$$
 , h =49 , x =2 , y =46 , v =4802

$$\le =76$$
 , h =5 , x =24 , y =95 , v =380

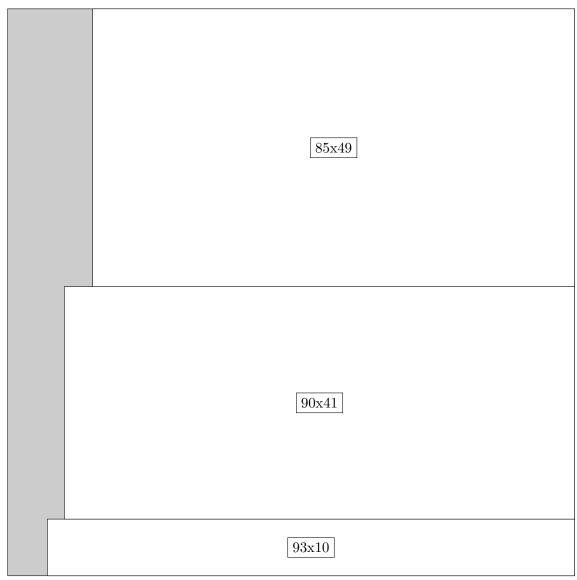


$$\le =99$$
 ,  $h=43$  ,  $x=1$  ,  $y=0$  ,  $v=4257$ 

$$w = 99 \ , \ h = 41 \ , \ x = 1 \ , \ y = 43 \ , \ v = 4059$$

$$\le =97$$
 , h =6 , x =3 , y =84 , v =  
582

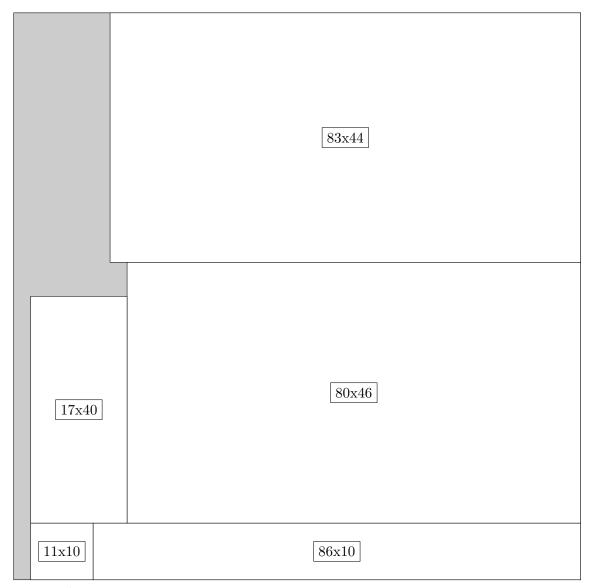
$$w$$
 =81 , h =7 , x =19 , y =90 , v =567



$$\le =93$$
 , h =10 , x =7 , y =0 , v =930

$$\le =90$$
 , h =41 , x =10 , y =10 , v =3690

$$\le =85$$
 , h =49 , x =15 , y =51 , v =4165



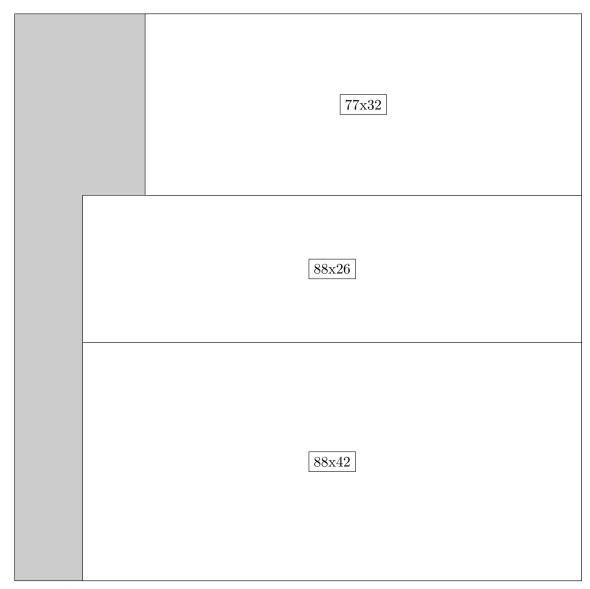
$$\le =86$$
 ,  $h=10$  ,  $x=14$  ,  $y=0$  ,  $v=860$ 

$$\le =11$$
 ,  $h=10$  ,  $x=3$  ,  $y=0$  ,  $v=110$ 

$$\le =80$$
 , h =46 , x =20 , y =10 , v =3680

$$\le =17$$
 , h =40 , x =3 , y =10 , v =680

$$\le =83$$
 , h =44 , x =17 , y =56 , v =3652



$$\begin{array}{l} w = \! 88 \; , \; h = \! 42 \; , \; x = \! 12 \; , \; y = \! 0 \; , \; v = \! 3696 \\ w = \! 88 \; , \; h = \! 26 \; , \; x = \! 12 \; , \; y = \! 42 \; , \; v = \! 2288 \\ w = \! 77 \; , \; h = \! 32 \; , \; x = \! 23 \; , \; y = \! 68 \; , \; v = \! 2464 \end{array}$$

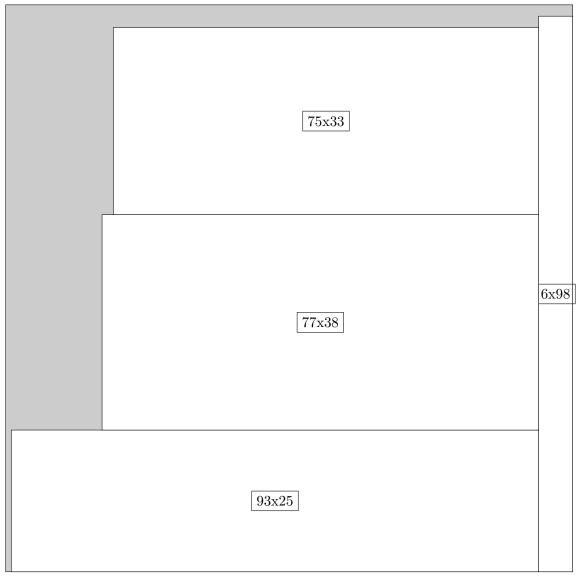


$$w = 97$$
,  $h = 30$ ,  $x = 3$ ,  $y = 0$ ,  $v = 2910$ 

$$\le =97$$
 , h =26 , x =3 , y =30 , v =2522

$$\le =96$$
 , h =27 , x =4 , y =  
56 , v =2592

$$\le =95$$
 , h =13 , x =5 , y =83 , v =1235

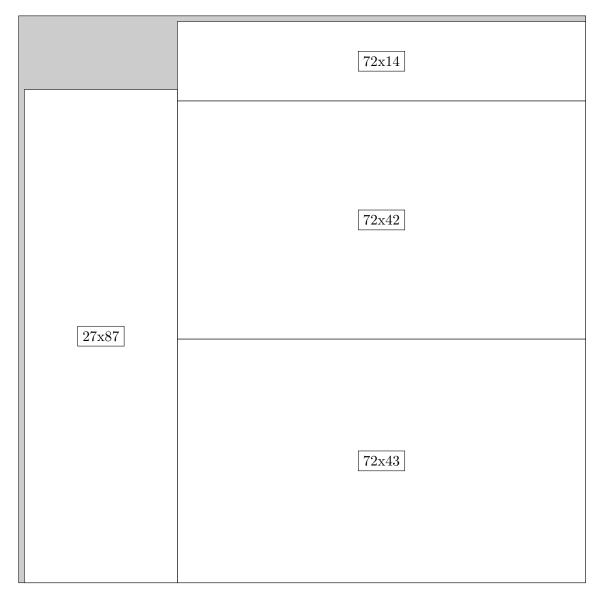


$$\mathbf{w}$$
 =6 , h =98 , x =94 , y =0 , v =588

$$\le =93$$
 , h =25 , x =1 , y =0 , v =2325

$$\le =77$$
 , h =38 , x =17 , y =25 , v =2926

$$\le =75$$
 , h =33 , x =19 , y =63 , v =2475

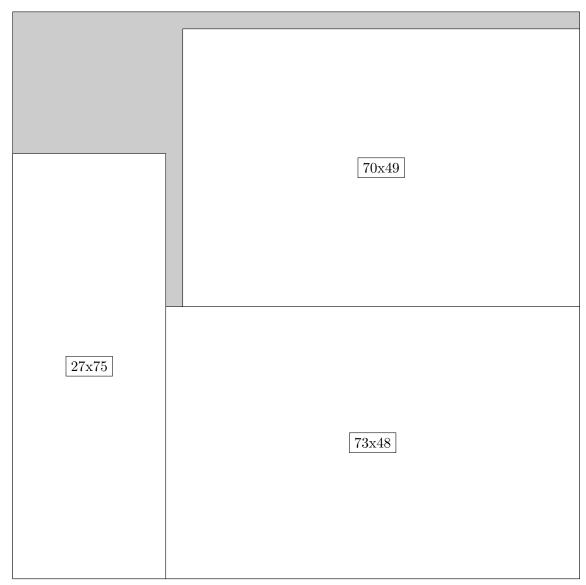


$$w = 72$$
,  $h = 43$ ,  $x = 28$ ,  $y = 0$ ,  $v = 3096$ 

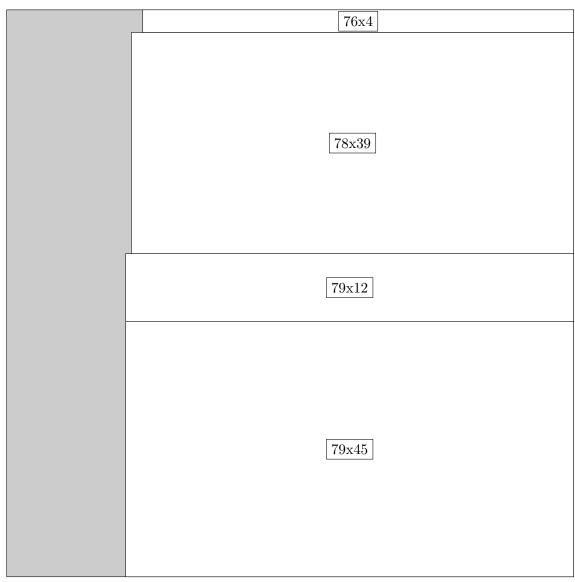
$$w$$
 =72 , h =42 , x =28 , y =43 , v =3024

$$\le =72$$
 , h =14 , x =28 , y =85 , v =1008

$$\mathbf{w}$$
 =27 , h =87 , x =1 , y =0 , v =2349



$$\begin{array}{l} w = 73 \ , \ h = 48 \ , \ x = 27 \ , \ y = 0 \ , \ v = 3504 \\ w = 70 \ , \ h = 49 \ , \ x = 30 \ , \ y = 48 \ , \ v = 3430 \\ w = 27 \ , \ h = 75 \ , \ x = 0 \ , \ y = 0 \ , \ v = 2025 \end{array}$$

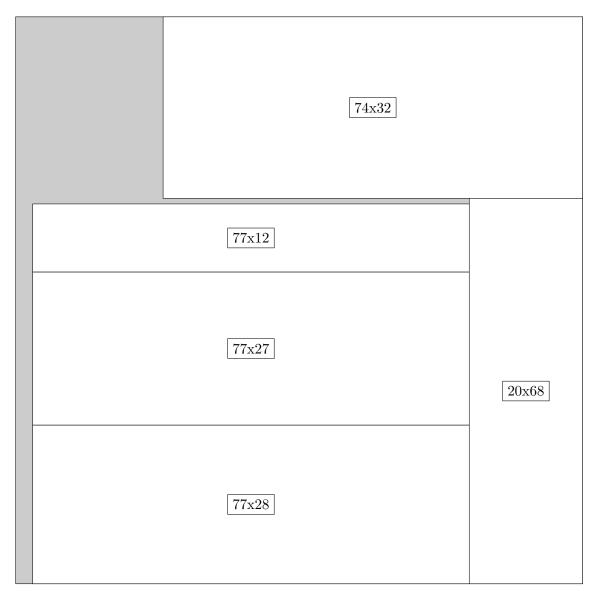


$$w = 79$$
,  $h = 45$ ,  $x = 21$ ,  $y = 0$ ,  $v = 3555$ 

$$w$$
 =79 ,  $h$  =12 ,  $x$  =21 ,  $y$  =45 ,  $v$  =948

$$\le =78$$
 , h =39 , x =22 , y =57 , v =3042

$$w=\!76$$
 ,  $h=\!4$  ,  $x=\!24$  ,  $y=\!96$  ,  $v=\!304$ 



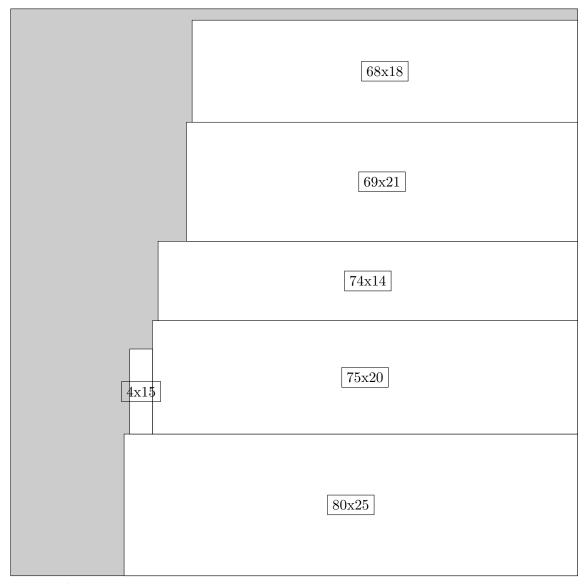
$$\mathbf{w}$$
 =20 , h =68 , x =80 , y =0 , v =1360

$$\le =77$$
 , h =28 , x =3 , y =0 , v =2156

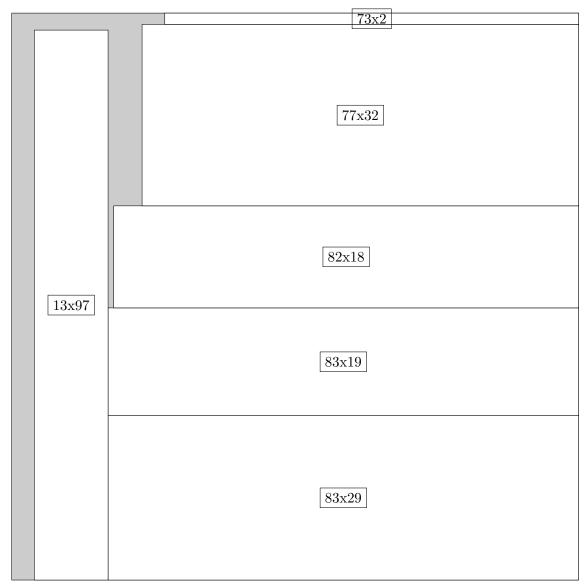
$$\le =77$$
 , h =27 , x =3 , y =28 , v =2079

$$w$$
 =77 ,  $h$  =12 ,  $x$  =3 ,  $y$  =55 ,  $v$  =924

$$\le =74$$
 , h =32 , x =26 , y =68 , v =2368



$$\begin{array}{l} w=80\;,\; h=25\;,\; x=20\;,\; y=0\;,\; v=2000\\ w=75\;,\; h=20\;,\; x=25\;,\; y=25\;,\; v=1500\\ w=4\;,\; h=15\;,\; x=21\;,\; y=25\;,\; v=60\\ w=74\;,\; h=14\;,\; x=26\;,\; y=45\;,\; v=1036\\ w=69\;,\; h=21\;,\; x=31\;,\; y=59\;,\; v=1449\\ w=68\;,\; h=18\;,\; x=32\;,\; y=80\;,\; v=1224\\ \end{array}$$



$$\le =83$$
 , h =29 , x =17 , y =0 , v =2407

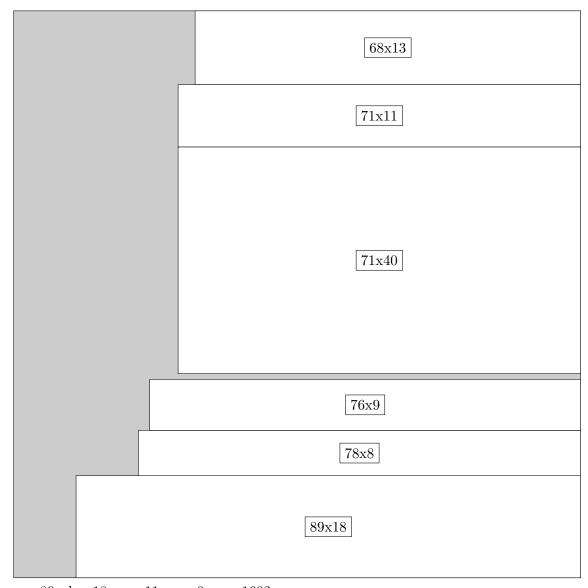
$$\le =83$$
 ,  $h$  =19 ,  $x$  =17 ,  $y$  =29 ,  $v$  =1577

$$\le =82$$
 ,  $h=18$  ,  $x=18$  ,  $y=48$  ,  $v=1476$ 

$$w$$
 =77 ,  $h$  =32 ,  $x$  =23 ,  $y$  =66 ,  $v$  =2464

$$w$$
 =73 , h =2 , x =27 , y =98 , v =146

$$\le =13$$
 , h =97 , x =4 , y =0 , v =1261



$$\le =89$$
 , h =18 , x =11 , y =0 , v =1602

$$\le -78$$
 , h =  
8 , x =  
22 , y =  
18 , v =  
624

$$\mathbf{w}$$
 =76 ,  $\mathbf{h}$  =9 ,  $\mathbf{x}$  =24 ,  $\mathbf{y}$  =26 ,  $\mathbf{v}$  =684

$$\le =71$$
 , h =40 , x =29 , y =36 , v =2840

$$w$$
 =71 ,  $h$  =11 ,  $x$  =29 ,  $y$  =76 ,  $v$  =781

$$w$$
 =68 ,  $h$  =13 ,  $x$  =32 ,  $y$  =87 ,  $v$  =884