$ClassName: \ Class\_08.2bp\text{-}45$ 

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

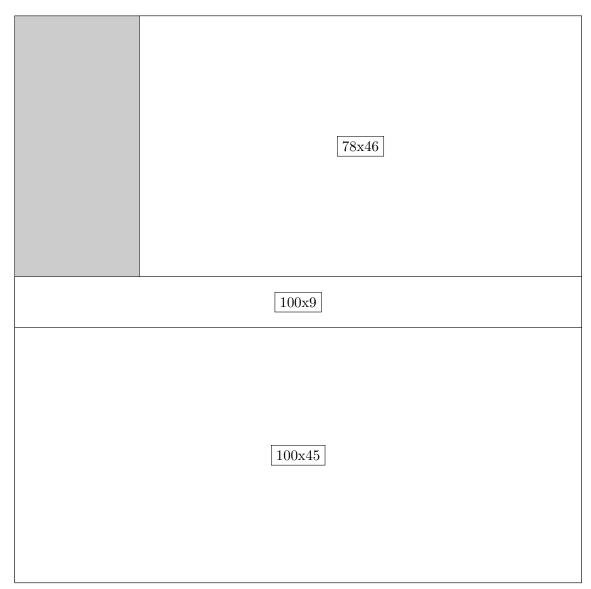
TypeNum: <u>99</u>
Num: <u>100</u>
OutS: <u>270000</u>
InS: <u>225982</u>
Rate: <u>0.837</u>
UB: <u>27</u>
LB: <u>27</u>

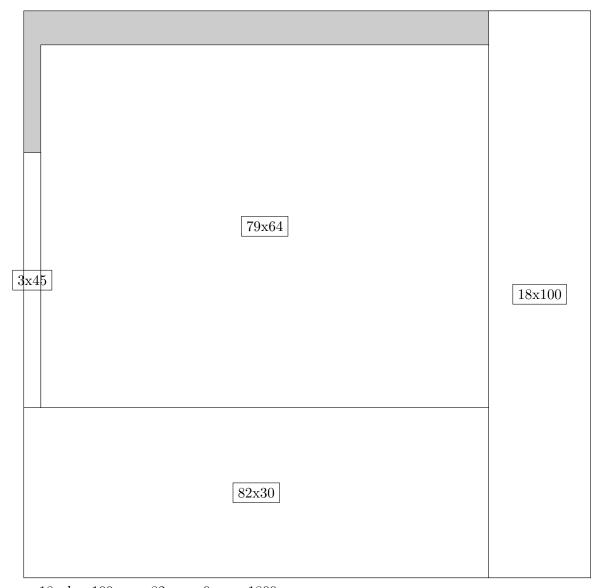
LBWithCut: 27
NodeCount: 0
PrimalNode: 0
ColumnCount: 64
TotalCutCount: 0
RootCutCount: 0
LPSolverCnt: 38
PricingSolverCnt: 38
BranchAndBoundNum: 1

isOpt: false

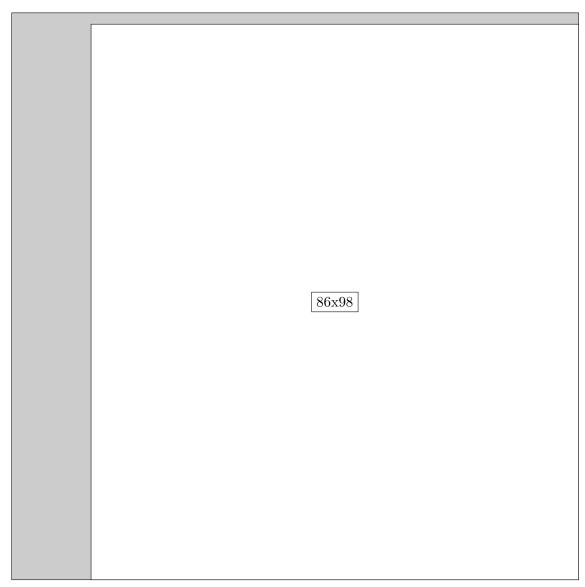
TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{2999.530 \text{ s}}$ 

TimeOnRmp:  $\underline{0.095 \text{ s}}$ TotalTime:  $\underline{3000.000 \text{ s}}$ 

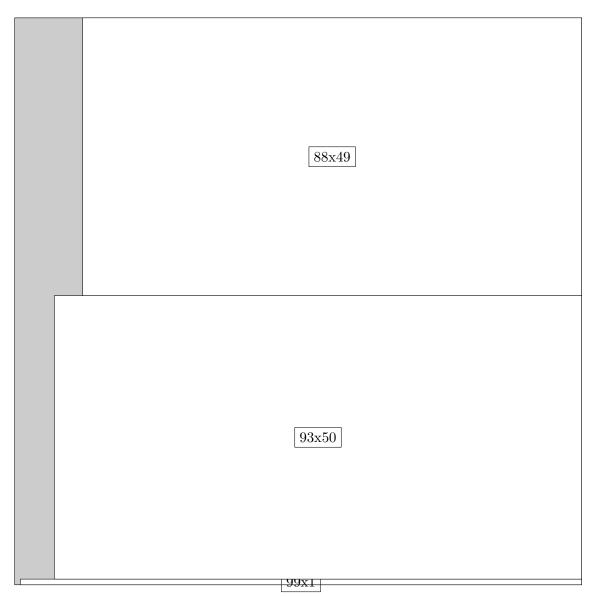




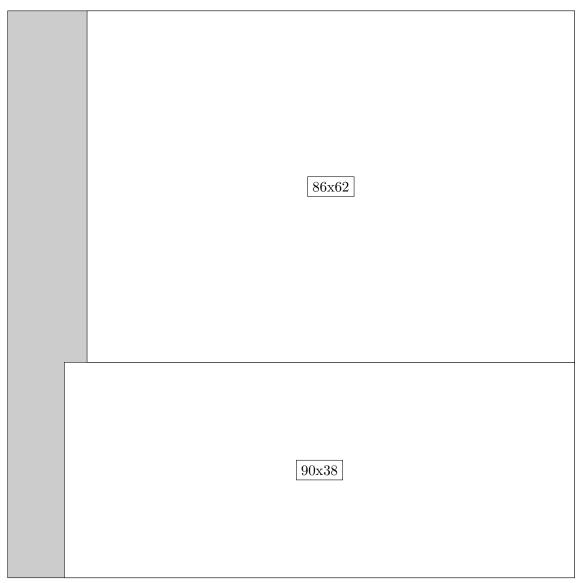
 $\begin{array}{l} w = & 18 \ , \ h = & 100 \ , \ x = & 82 \ , \ y = & 0 \ , \ v = & 1800 \\ w = & 82 \ , \ h = & 30 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 2460 \\ w = & 79 \ , \ h = & 64 \ , \ x = & 3 \ , \ y = & 30 \ , \ v = & 5056 \\ w = & 3 \ , \ h = & 45 \ , \ x = & 0 \ , \ y = & 30 \ , \ v = & 135 \end{array}$ 



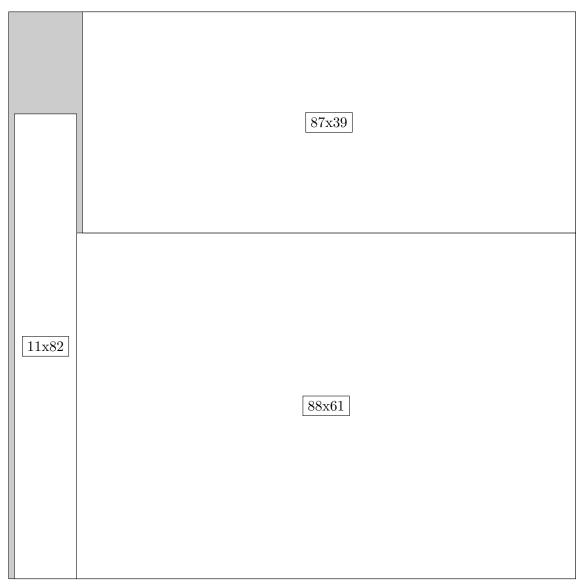
 $\le =86$  , h =98 , x =14 , y =0 , v =8428



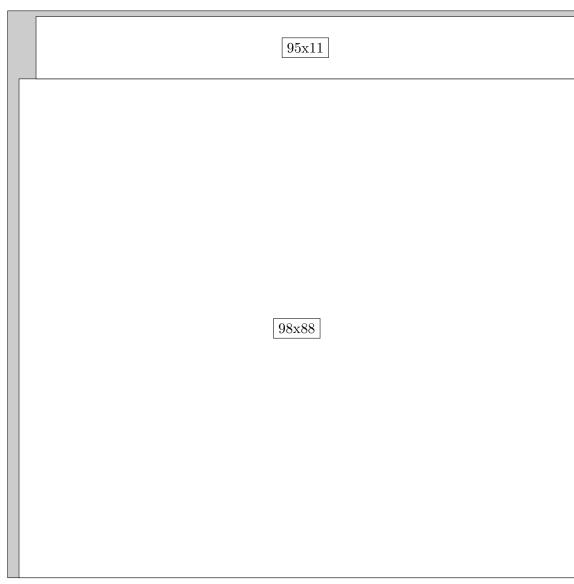
$$\begin{array}{l} w = 99 \; , \; h = 1 \; , \; x = 1 \; , \; y = 0 \; , \; v = 99 \\ w = 93 \; , \; h = 50 \; , \; x = 7 \; , \; y = 1 \; , \; v = 4650 \\ w = 88 \; , \; h = 49 \; , \; x = 12 \; , \; y = 51 \; , \; v = 4312 \end{array}$$



$$\begin{array}{l} w = \! 90 \ , \, h = \! 38 \ , \, x = \! 10 \ , \, y = \! 0 \ , \, v = \! 3420 \\ w = \! 86 \ , \, h = \! 62 \ , \, x = \! 14 \ , \, y = \! 38 \ , \, v = \! 5332 \end{array}$$



$$\begin{array}{l} w = \! 88 \ , \ h = \! 61 \ , \ x = \! 12 \ , \ y = \! 0 \ , \ v = \! 5368 \\ w = \! 87 \ , \ h = \! 39 \ , \ x = \! 13 \ , \ y = \! 61 \ , \ v = \! 3393 \\ w = \! 11 \ , \ h = \! 82 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 902 \end{array}$$



$$\begin{array}{l} w = \! 98 \ , \ h = \! 88 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 8624 \\ w = \! 95 \ , \ h = \! 11 \ , \ x = \! 5 \ , \ y = \! 88 \ , \ v = \! 1045 \end{array}$$



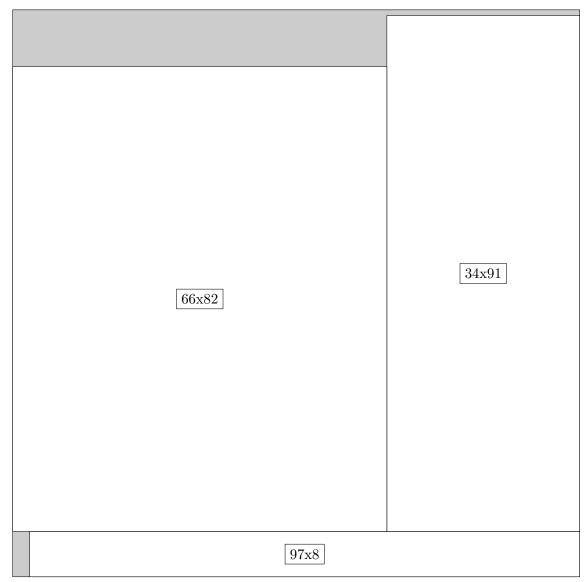
$$w = 94$$
,  $h = 28$ ,  $x = 6$ ,  $y = 0$ ,  $v = 2632$ 

$$\mathbf{w}$$
 =6 , h =23 , x =0 , y =0 , v =138

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

$$\le =42$$
 , h =50 , x =22 , y =28 , v =2100

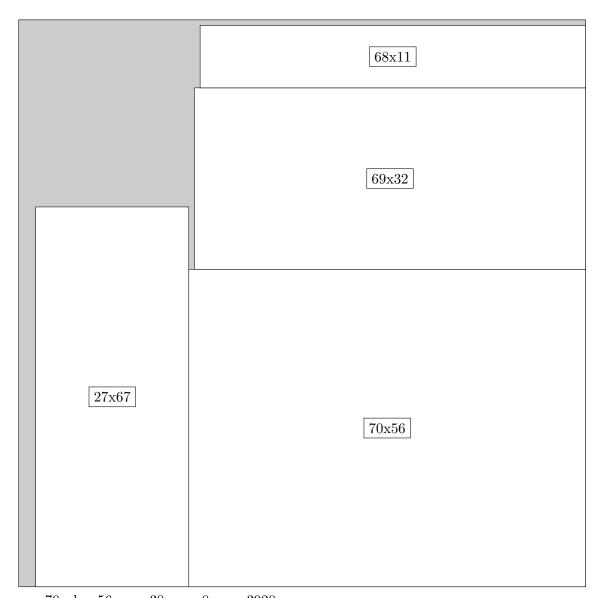
$$w$$
 =24 , h =17 , x =40 , y =78 , v =408



$$\le =97$$
 , h =8 , x =3 , y =0 , v =776

$$\le =34$$
 , h =91 , x =66 , y =8 , v =3094

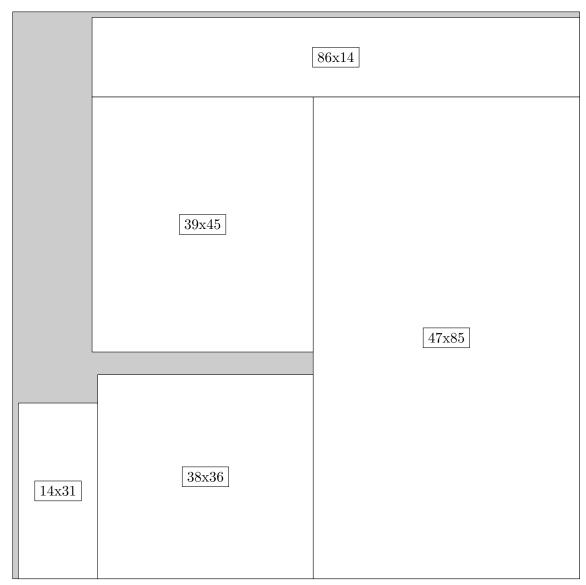
$$\le =66$$
 , h =82 , x =0 , y =8 , v =  
5412



$$\begin{array}{l} w = \! 70 \ , \ h = \! 56 \ , \ x = \! 30 \ , \ y = \! 0 \ , \ v = \! 3920 \\ w = \! 69 \ , \ h = \! 32 \ , \ x = \! 31 \ , \ y = \! 56 \ , \ v = \! 2208 \end{array}$$

$$w = 68$$
,  $h = 11$ ,  $x = 32$ ,  $y = 88$ ,  $v = 748$ 

$$w = 27$$
,  $h = 67$ ,  $x = 3$ ,  $y = 0$ ,  $v = 1809$ 



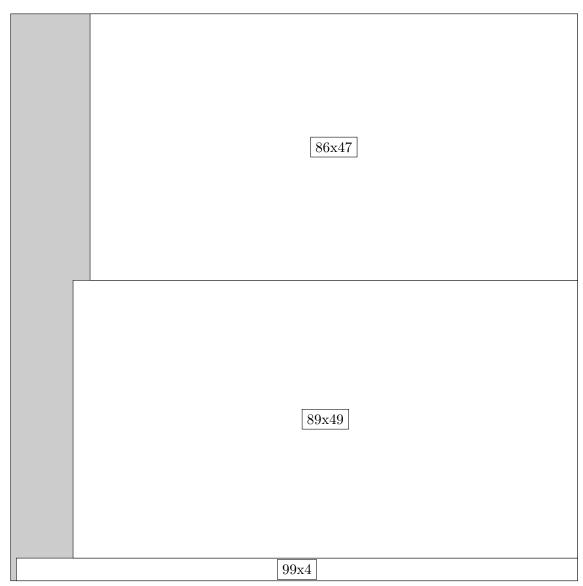
$$w = 47$$
,  $h = 85$ ,  $x = 53$ ,  $y = 0$ ,  $v = 3995$ 

$$\le =38$$
 , h =36 , x =15 , y =0 , v =1368

$$\mathbf{w}$$
 =14 , h =31 , x =1 , y =0 , v =434

$$\le =39$$
 , h =45 , x =14 , y =40 , v =1755

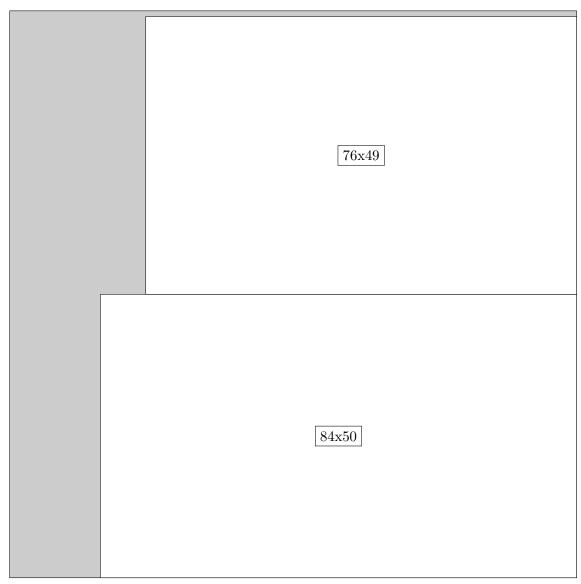
$$w$$
 =86 , h =14 , x =14 , y =85 , v =1204



$$\le =99$$
 , h =4 , x =1 , y =0 , v =396

$$\le =89$$
 , h =49 , x =11 , y =4 , v =4361

$$\le =86$$
 , h =47 , x =14 , y =53 , v =4042



$$\begin{array}{l} w = \! 84 \ , \, h = \! 50 \ , \, x = \! 16 \ , \, y = \! 0 \ , \, v = \! 4200 \\ w = \! 76 \ , \, h = \! 49 \ , \, x = \! 24 \ , \, y = \! 50 \ , \, v = \! 3724 \end{array}$$

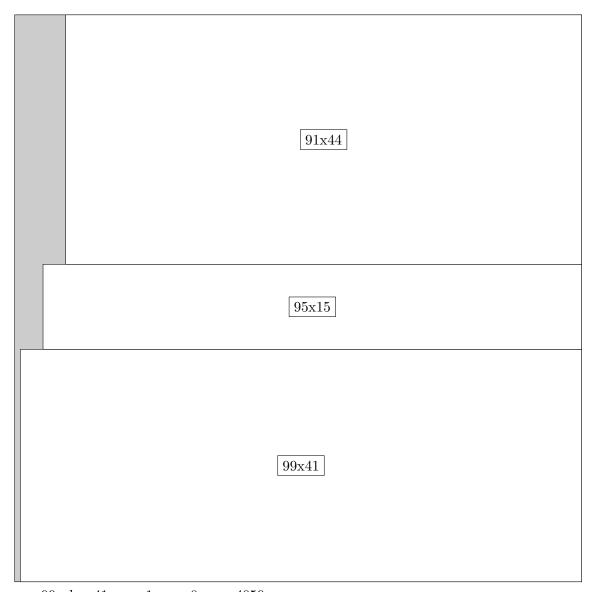


$$\begin{array}{l} w = \!68 \ , \, h = \!50 \ , \, x = \!32 \ , \, y = \!0 \ , \, v = \!3400 \\ w = \!68 \ , \, h = \!41 \ , \, x = \!32 \ , \, y = \!50 \ , \, v = \!2788 \end{array}$$

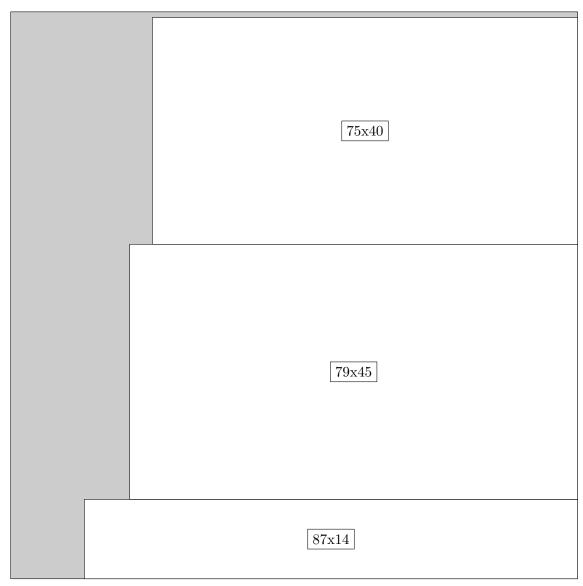


$$\begin{array}{l} w = \! 99 \ , \ h = \! 39 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 3861 \\ w = \! 97 \ , \ h = \! 22 \ , \ x = \! 3 \ , \ y = \! 39 \ , \ v = \! 2134 \end{array}$$

$$\le =96$$
 ,  $h=39$  ,  $x=4$  ,  $y=61$  ,  $v=3744$ 



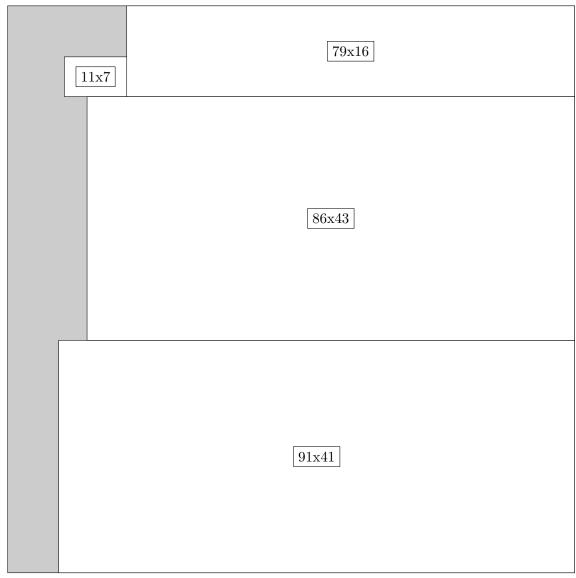
$$\begin{array}{l} w = 99 \ , \ h = 41 \ , \ x = 1 \ , \ y = 0 \ , \ v = 4059 \\ w = 95 \ , \ h = 15 \ , \ x = 5 \ , \ y = 41 \ , \ v = 1425 \\ w = 91 \ , \ h = 44 \ , \ x = 9 \ , \ y = 56 \ , \ v = 4004 \end{array}$$



$$w = 87$$
,  $h = 14$ ,  $x = 13$ ,  $y = 0$ ,  $v = 1218$ 

$$\le =79$$
 , h =45 , x =21 , y =14 , v =3555

$$\le =75$$
 , h =40 , x =25 , y =59 , v =3000

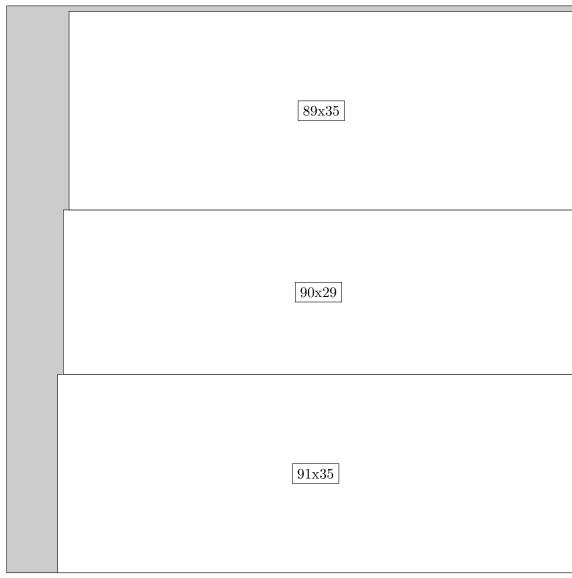


$$\le =91$$
 ,  $h=41$  ,  $x=9$  ,  $y=0$  ,  $v=3731$ 

$$\le =86$$
 , h =43 , x =14 , y =41 , v =3698

$$\le =79$$
 , h =16 , x =21 , y =84 , v =1264

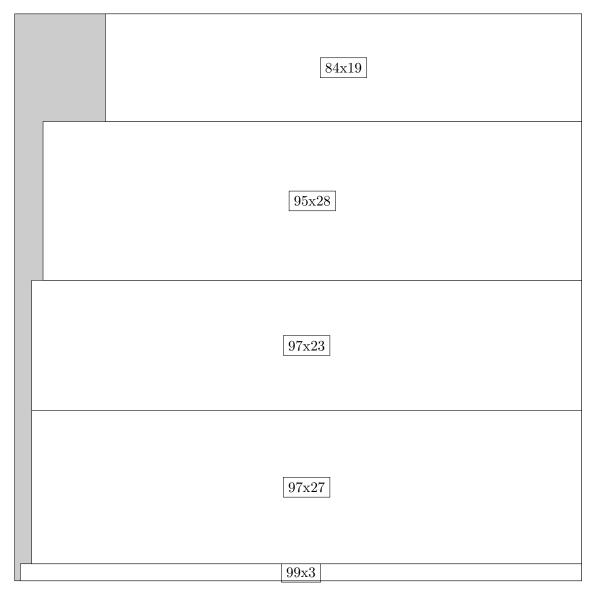
$$\mathbf{w}$$
 =11 , h =7 , x =10 , y =84 , v =77



$$\le =91$$
 , h =35 , x =9 , y =0 , v =3185

$$\le =90$$
 , h =29 , x =10 , y =35 , v =2610

$$\le =89$$
 , h =35 , x =11 , y =64 , v =3115



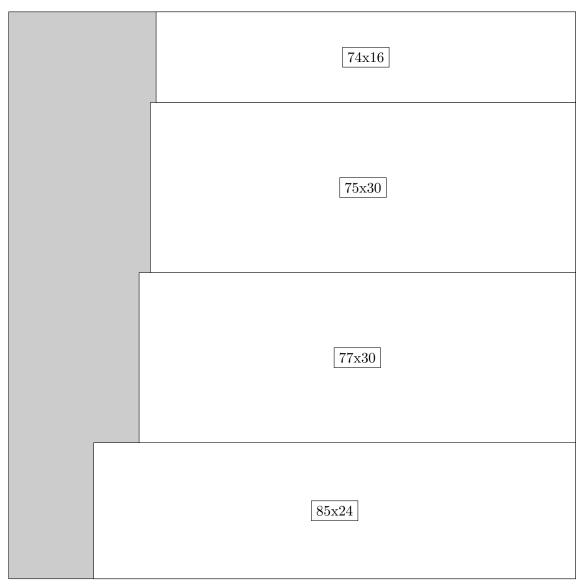
$$\le =99$$
 , h =3 , x =1 , y =0 , v =  
297

$$\le =97$$
 , h =27 , x =3 , y =3 , v =2619

$$\le =97$$
 , h =23 , x =3 , y =30 , v =2231

$$\le =95$$
 ,  $h=28$  ,  $x=5$  ,  $y=53$  ,  $v=2660$ 

$$w$$
 =84 ,  $h$  =19 ,  $x$  =16 ,  $y$  =81 ,  $v$  =1596

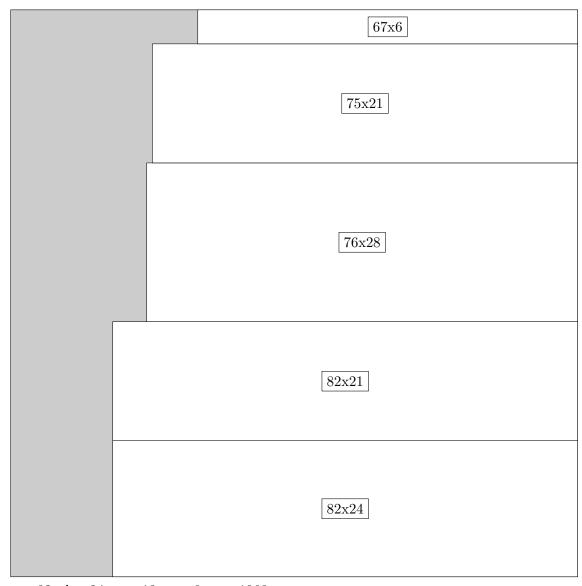


$$\begin{array}{l} w = \! 85 \ , \ h = \! 24 \ , \ x = \! 15 \ , \ y = \! 0 \ , \ v = \! 2040 \\ w = \! 77 \ , \ h = \! 30 \ , \ x = \! 23 \ , \ y = \! 24 \ , \ v = \! 2310 \end{array}$$

$$w$$
 =75 ,  $h$  =30 ,  $x$  =25 ,  $y$  =54 ,  $v$  =2250

$$w = 75$$
,  $h = 30$ ,  $x = 25$ ,  $y = 54$ ,  $v = 2250$ 

$$w$$
 =74 ,  $h$  =16 ,  $x$  =26 ,  $y$  =84 ,  $v$  =1184



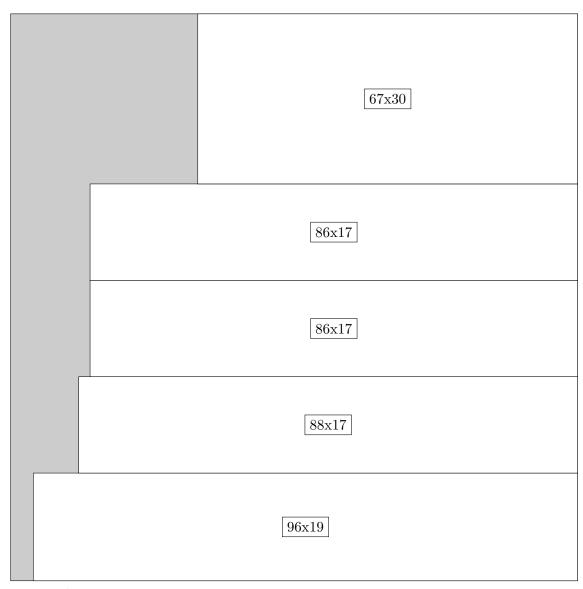
$$\le =82$$
 ,  $h=24$  ,  $x=18$  ,  $y=0$  ,  $v=1968$ 

$$w$$
 =82 , h =21 , x =18 , y =24 , v =1722

$$\le =76$$
 , h =28 , x =24 , y =45 , v =2128

$$\le -75$$
 , h =21 , x =25 , y =73 , v =1575

$$\mathbf{w}$$
 =67 , h =6 , x =33 , y =94 , v =402



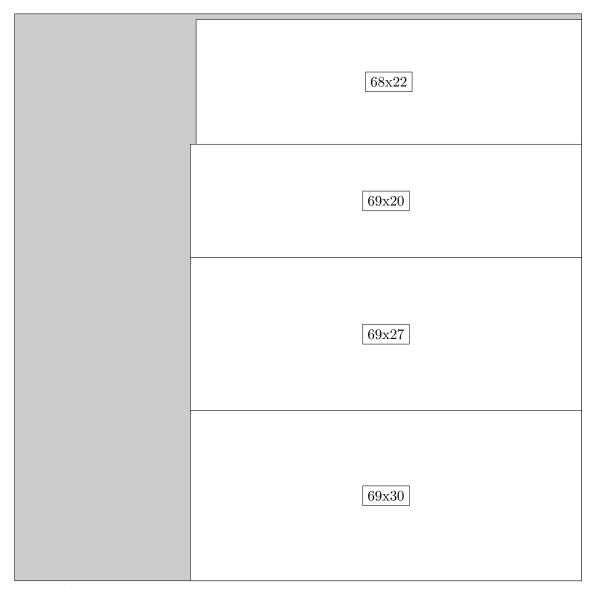
$$\le =96$$
 ,  $h$  =19 ,  $x$  =4 ,  $y$  =0 ,  $v$  =1824

$$\le =88$$
 , h =17 , x =12 , y =19 , v =1496

$$\le =86$$
 ,  $h$  =17 ,  $x$  =14 ,  $y$  =36 ,  $v$  =1462

$$\le =86$$
 ,  $h$  =17 ,  $x$  =14 ,  $y$  =53 ,  $v$  =1462

$$\le =67$$
 , h =30 , x =33 , y =70 , v =2010

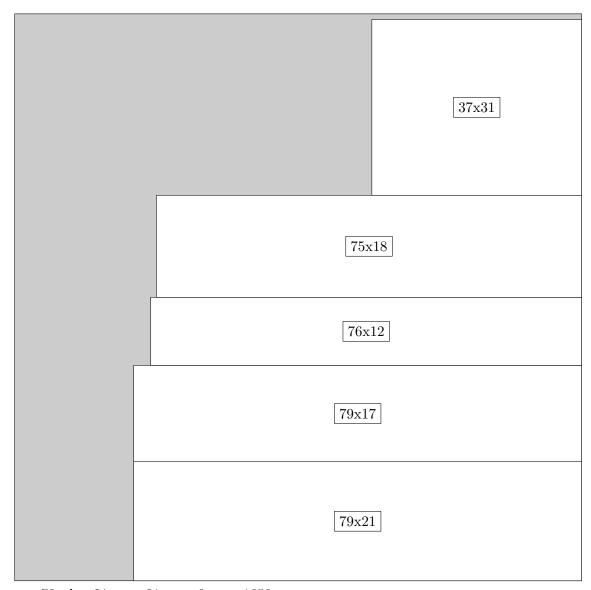


$$\le =69$$
 , h =30 , x =31 , y =0 , v =2070

$$\le =69$$
 , h =27 , x =31 , y =30 , v =1863

$$\le =69$$
 , h =20 , x =31 , y =57 , v =1380

$$\le =68$$
 , h =22 , x =32 , y =77 , v =1496



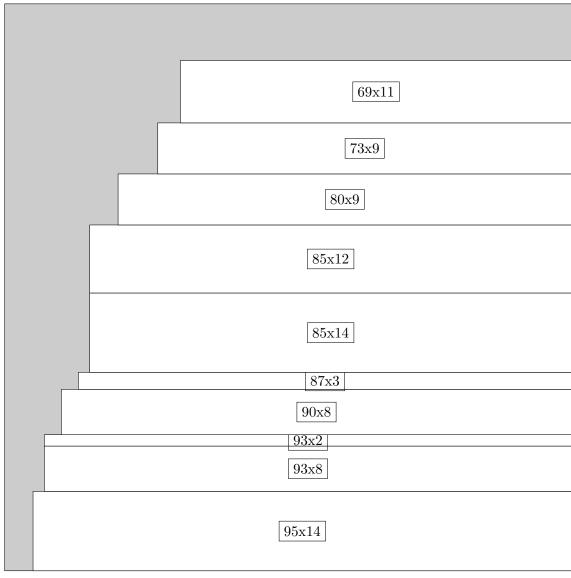
$$\le =79$$
 , h =21 , x =21 , y =0 , v =1659

$$w = 79$$
,  $h = 17$ ,  $x = 21$ ,  $y = 21$ ,  $v = 1343$ 

$$\le =76$$
 , h =12 , x =24 , y =38 , v =912

$$\le -75$$
 , h =  
18 , x =  
25 , y =  
50 , v =  
1350

$$\le =37$$
 , h =31 , x =63 , y =68 , v =1147



```
\le =95 , h=14 , x=5 , y=0 , v=1330
```

$$w = 93$$
,  $h = 8$ ,  $x = 7$ ,  $y = 14$ ,  $v = 744$ 

$$w=\!93$$
 ,  $h=\!2$  ,  $x=\!7$  ,  $y=\!22$  ,  $v=\!186$ 

$$\le =90$$
 , h =8 , x =10 , y =24 , v =720

$$\le =87$$
 , h =3 , x =13 , y =32 , v =261

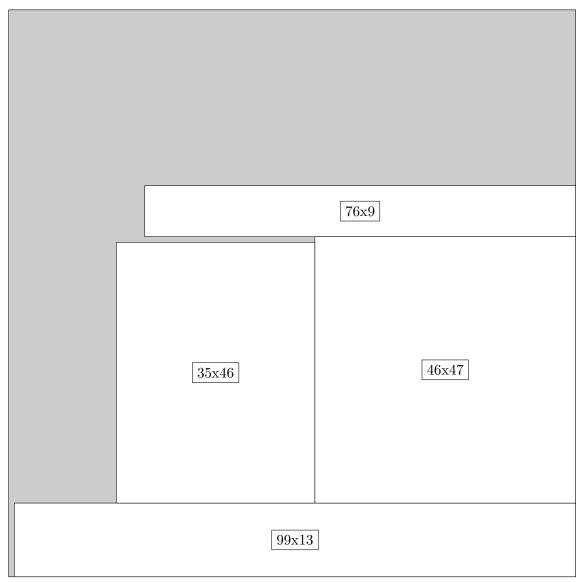
$$w$$
 =85 ,  $h$  =14 ,  $x$  =15 ,  $y$  =35 ,  $v$  =1190

$$w = 85$$
,  $h = 12$ ,  $x = 15$ ,  $y = 49$ ,  $v = 1020$ 

$$w = 80$$
,  $h = 9$ ,  $x = 20$ ,  $y = 61$ ,  $v = 720$ 

$$w$$
 =73 , h =9 , x =27 , y =70 , v =657

$$w$$
 =69 ,  $h$  =11 ,  $x$  =31 ,  $y$  =79 ,  $v$  =759



$$\le =99$$
 , h =13 , x =1 , y =0 , v =1287

$$\le =46$$
 , h =47 , x =54 , y =13 , v =2162

$$\le =35$$
 , h =46 , x =19 , y =13 , v =1610

$$\mathbf{w}$$
 =76 , h =9 , x =24 , y =60 , v =684