$ClassName: \ Class\_08.2bp-49$ 

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

TypeNum: <u>97</u> Num: <u>100</u> OutS: <u>320000</u> InS: <u>273613</u> Rate: <u>0.855</u> UB: <u>32</u> LB0: <u>32</u>

LBWithCut:  $\underline{32}$ NodeCut:  $\underline{0}$ 

LB: **32** 

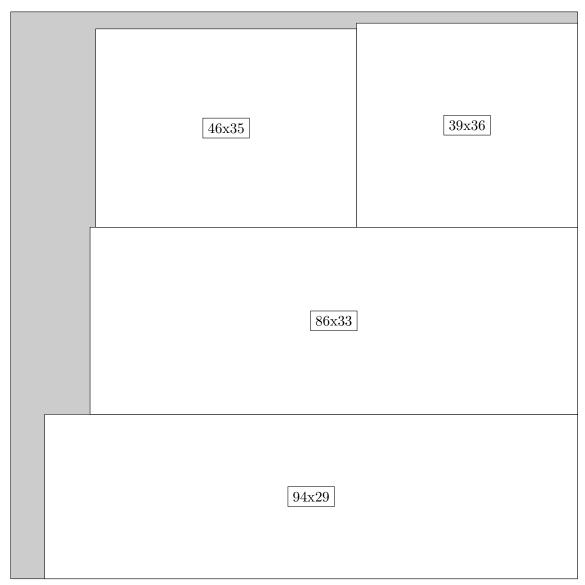
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{32}}$ 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: 0.079 sTotalTime: 600.329 s

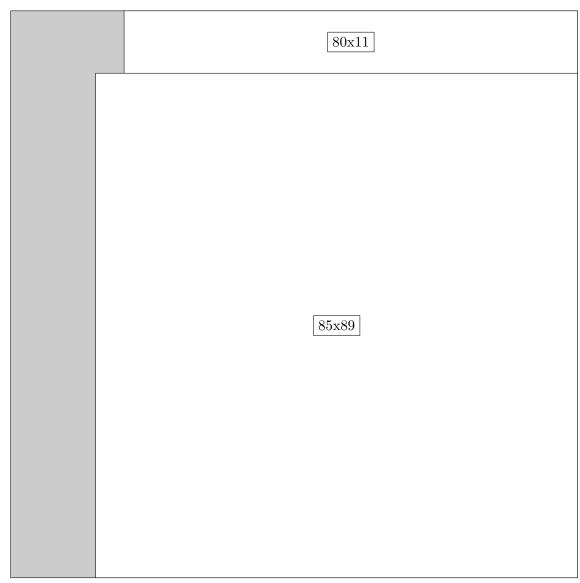


$$w = 94$$
,  $h = 29$ ,  $x = 6$ ,  $y = 0$ ,  $v = 2726$ 

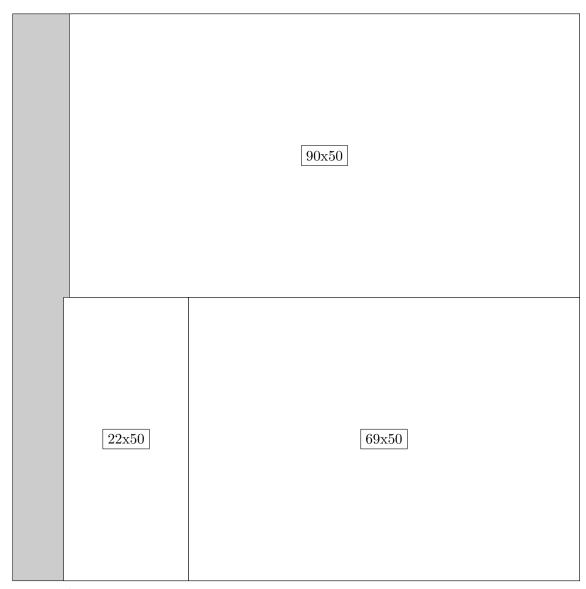
$$\le =86$$
 , h =33 , x =14 , y =29 , v =2838

$$\le =39$$
 , h =36 , x =61 , y =62 , v =1404

$$\le =46$$
 , h =35 , x =15 , y =62 , v =1610



$$\begin{array}{l} w = \! 85 \ , \ h = \! 89 \ , \ x = \! 15 \ , \ y = \! 0 \ , \ v = \! 7565 \\ w = \! 80 \ , \ h = \! 11 \ , \ x = \! 20 \ , \ y = \! 89 \ , \ v = \! 880 \end{array}$$



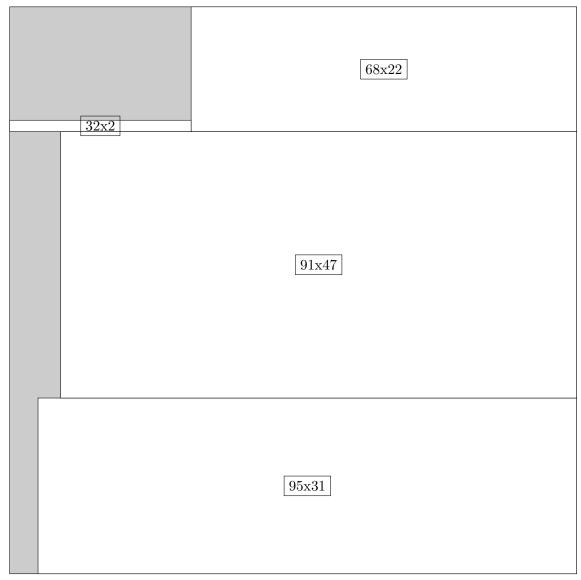
$$\le =69$$
 ,  $h=\!50$  ,  $x=\!31$  ,  $y=\!0$  ,  $v=\!3450$ 

$$\le =22$$
 , h =50 , x =9 , y =0 , v =1100

$$\le =90$$
 , h =50 , x =10 , y =50 , v =4500

|       | 78x14 |
|-------|-------|
|       |       |
|       |       |
| 22x86 | 78x85 |
|       | TOLOG |
|       |       |
|       |       |

$$\le =22$$
 , h =86 , x =0 , y =0 , v =1892

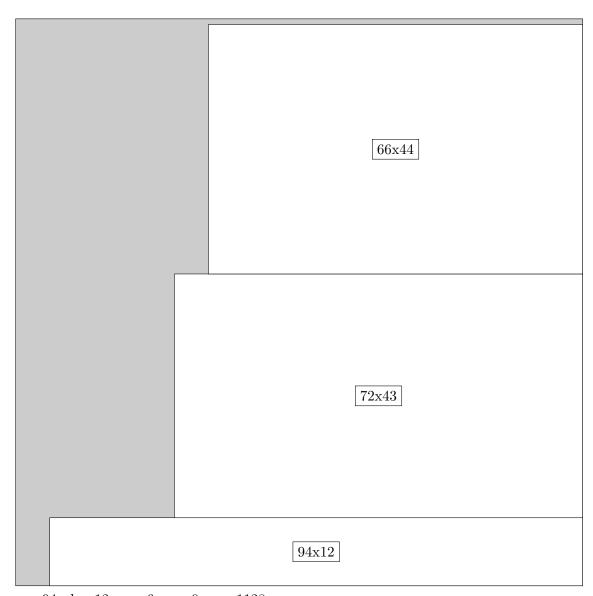


$$\le =95$$
 , h =31 , x =5 , y =0 , v =2945

$$\le =91$$
 , h =47 , x =9 , y =31 , v =4277

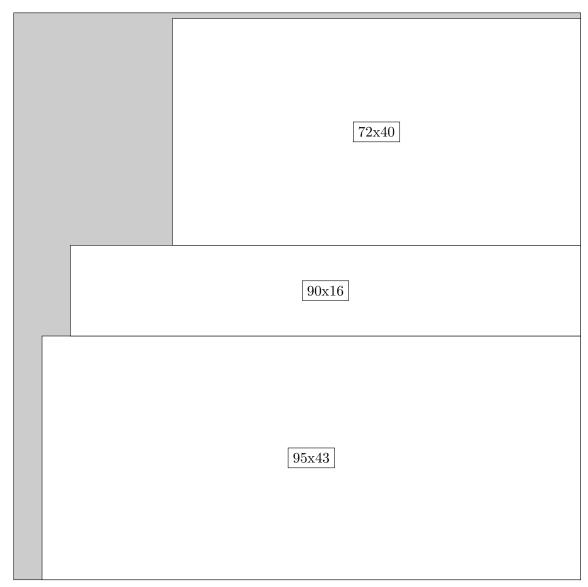
$$\le =68$$
 , h =22 , x =32 , y =78 , v =1496

$$\le =32$$
 ,  $h$  =2 ,  $x$  =0 ,  $y$  =78 ,  $v$  =64



$$\begin{array}{l} w = \! 94 \ , \ h = \! 12 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 1128 \\ w = \! 72 \ , \ h = \! 43 \ , \ x = \! 28 \ , \ y = \! 12 \ , \ v = \! 3096 \end{array}$$

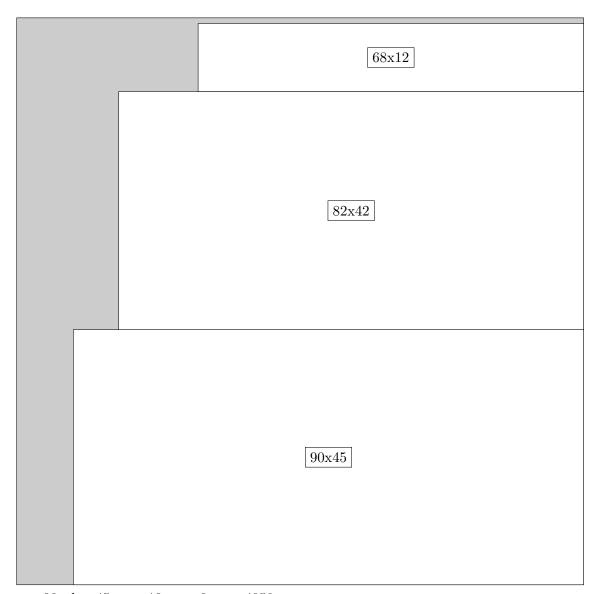
$$\le =66$$
 , h =44 , x =34 , y =55 , v =2904



$$w$$
 =95 ,  $h$  =43 ,  $x$  =5 ,  $y$  =0 ,  $v$  =4085

$$w$$
 =90 ,  $h$  =16 ,  $x$  =10 ,  $y$  =43 ,  $v$  =1440

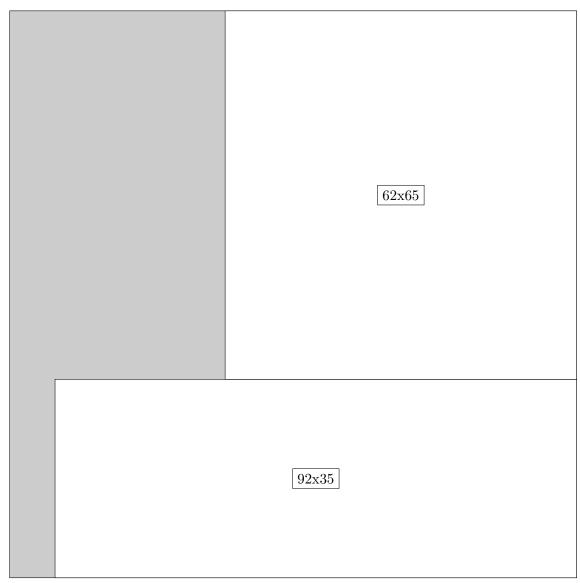
$$\le =72$$
 , h =40 , x =28 , y =59 , v =2880



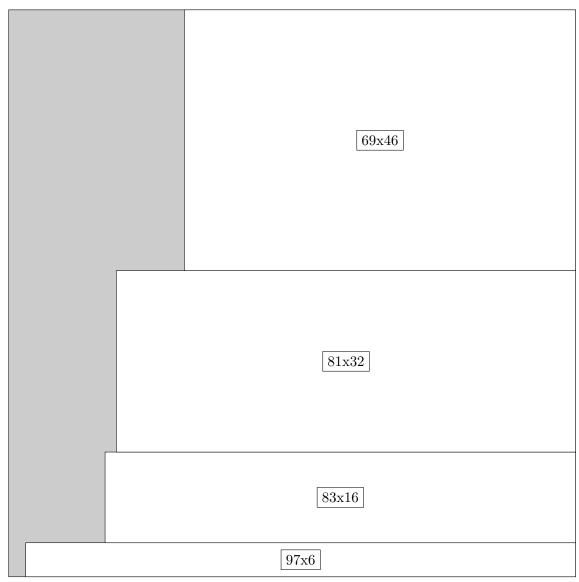
$$\le =90$$
 , h =45 , x =10 , y =0 , v =4050

$$w$$
 =82 , h =42 , x =18 , y =45 , v =3444

$$\le =68$$
 , h =12 , x =32 , y =87 , v =816



$$\begin{array}{l} w = 92 \; , \; h = 35 \; , \; x = 8 \; , \; y = 0 \; , \; v = 3220 \\ w = 62 \; , \; h = 65 \; , \; x = 38 \; , \; y = 35 \; , \; v = 4030 \end{array}$$

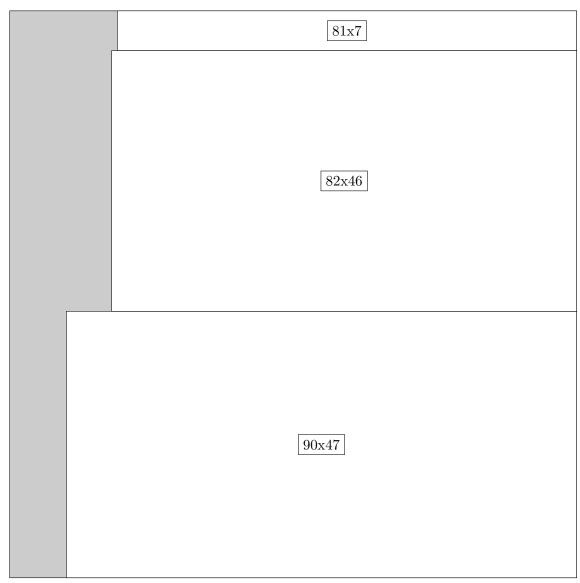


$$\le =97$$
 , h =6 , x =3 , y =0 , v =  
582

$$\le =83$$
 ,  $h$  =16 ,  $x$  =17 ,  $y$  =6 ,  $v$  =1328

$$\le =81$$
 , h =32 , x =19 , y =22 , v =2592

$$\le =69$$
 , h =46 , x =31 , y =54 , v =3174



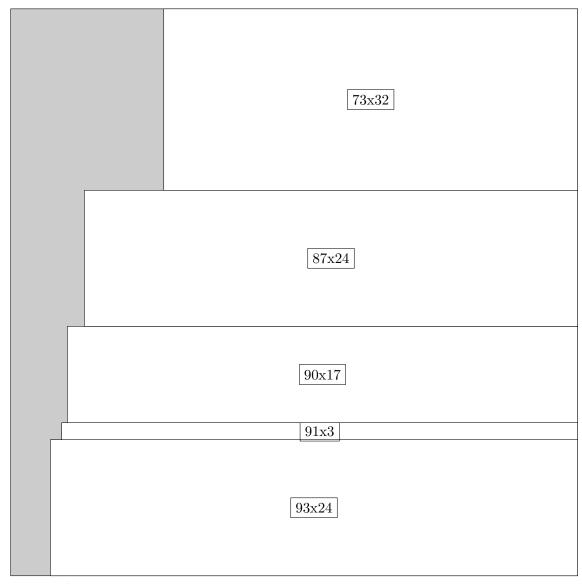
$$\begin{array}{l} w = & 90 \ , \ h = & 47 \ , \ x = & 10 \ , \ y = & 0 \ , \ v = & 4230 \\ w = & 82 \ , \ h = & 46 \ , \ x = & 18 \ , \ y = & 47 \ , \ v = & 3772 \\ w = & 81 \ , \ h = & 7 \ , \ x = & 19 \ , \ y = & 93 \ , \ v = & 567 \end{array}$$



$$\le =95$$
 , h =36 , x =5 , y =0 , v =3420

$$\le =90$$
 , h =18 , x =10 , y =36 , v =1620

$$\le =69$$
 , h =46 , x =31 , y =54 , v =3174



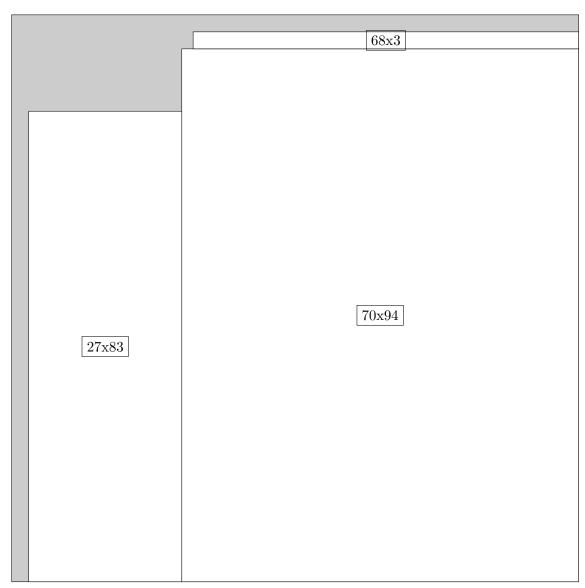
$$\le =93$$
 , h =24 , x =7 , y =0 , v =2232

$$\le =91$$
 , h =3 , x =9 , y =24 , v =273

$$\le =90$$
 ,  $h$  =17 ,  $x$  =10 ,  $y$  =27 ,  $v$  =1530

$$\le =87$$
 , h =24 , x =13 , y =44 , v =2088

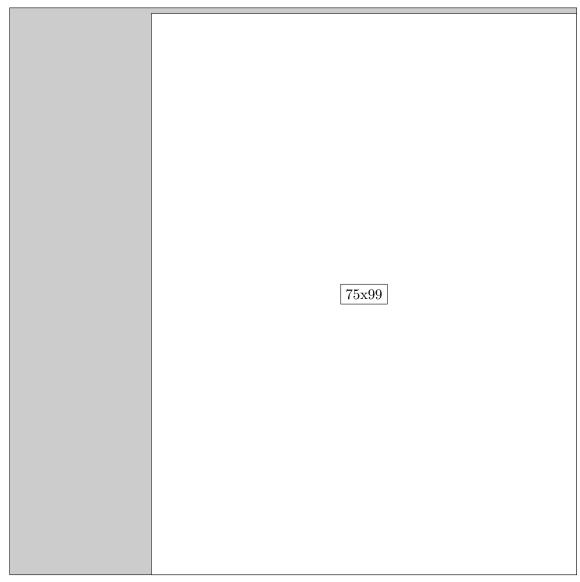
$$\le -73$$
 , h =32 , x =27 , y =68 , v =2336



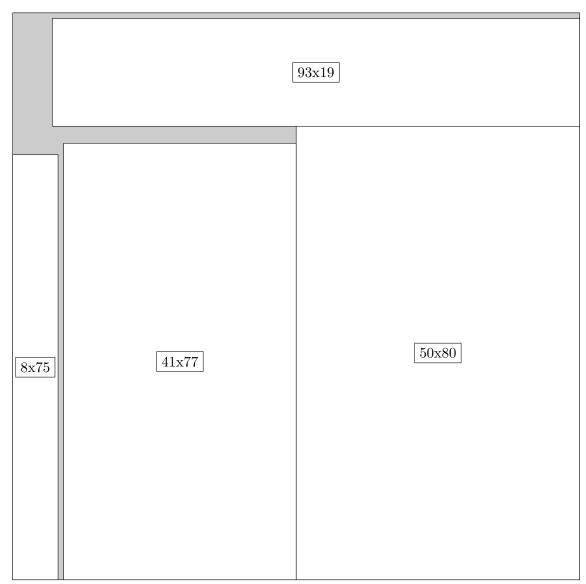
$$w = 70$$
,  $h = 94$ ,  $x = 30$ ,  $y = 0$ ,  $v = 6580$ 

$$\le =68$$
 , h =3 , x =32 , y =94 , v =204

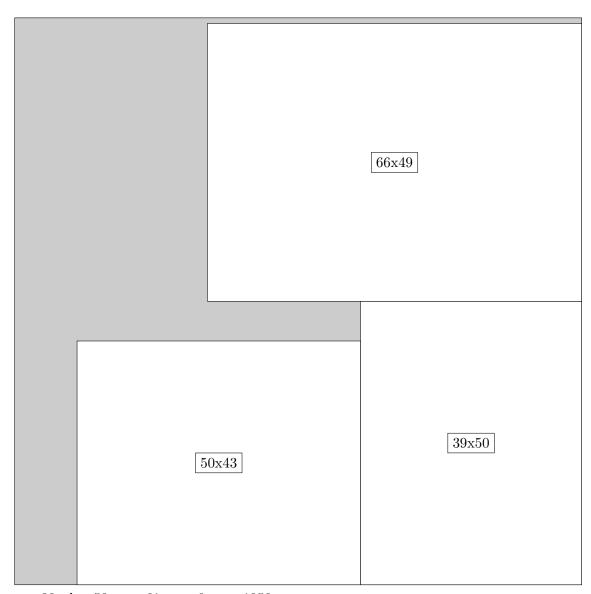
$$\le =27$$
 , h =83 , x =3 , y =0 , v =2241



 $\le =75$  , h =99 , x =25 , y =0 , v =7425



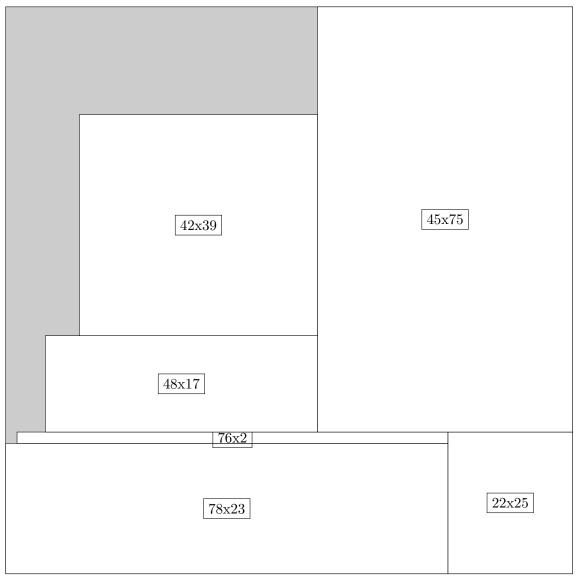
 $\begin{array}{l} w=\!50 \ , \ h=\!80 \ , \ x=\!50 \ , \ y=\!0 \ , \ v=\!4000 \\ w=\!41 \ , \ h=\!77 \ , \ x=\!9 \ , \ y=\!0 \ , \ v=\!3157 \\ w=\!8 \ , \ h=\!75 \ , \ x=\!0 \ , \ y=\!0 \ , \ v=\!600 \\ w=\!93 \ , \ h=\!19 \ , \ x=\!7 \ , \ y=\!80 \ , \ v=\!1767 \end{array}$ 



$$\le =39$$
 ,  $h=\!50$  ,  $x=\!61$  ,  $y=\!0$  ,  $v=\!1950$ 

$$\le =50$$
 , h =43 , x =11 , y =0 , v =2150

$$\le =66$$
 , h =49 , x =34 , y =50 , v =3234



$$\le =22$$
 , h =25 , x =78 , y =0 , v =550

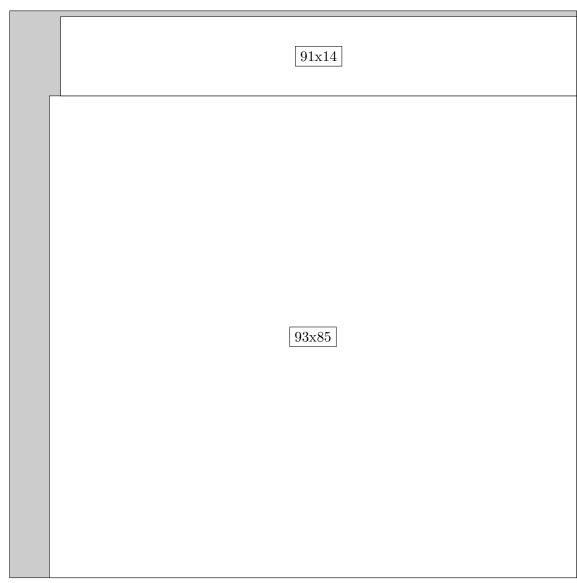
$$w=78$$
 ,  $h=23$  ,  $x=0$  ,  $y=0$  ,  $v=1794$ 

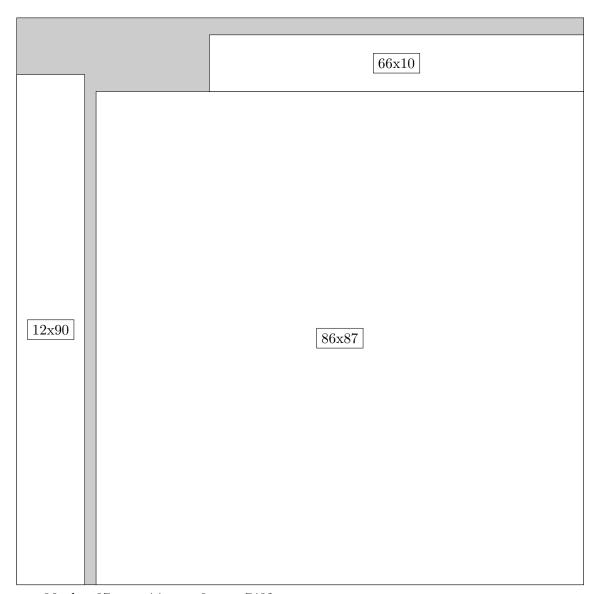
$$\mathbf{w}=\!76$$
 ,  $\mathbf{h}=\!2$  ,  $\mathbf{x}=\!2$  ,  $\mathbf{y}=\!23$  ,  $\mathbf{v}=\!152$ 

$$\le =45$$
 ,  $h=75$  ,  $x=55$  ,  $y=25$  ,  $v=3375$ 

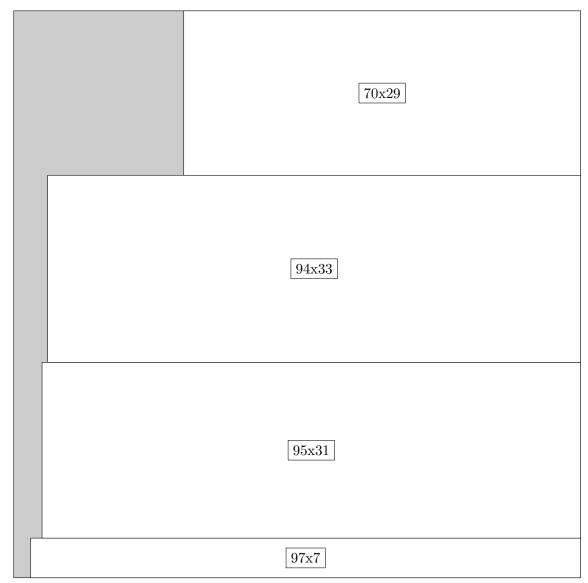
$$\le =48$$
 , h =17 , x =7 , y =25 , v =816

$$\mathbf{w}$$
 =42 , h =39 , x =13 , y =42 , v =1638





$$\begin{array}{l} w = \!\!86 \ , \ h = \!\!87 \ , \ x = \!\!14 \ , \ y = \!\!0 \ , \ v = \!\!7482 \\ w = \!\!66 \ , \ h = \!\!10 \ , \ x = \!\!34 \ , \ y = \!\!87 \ , \ v = \!\!660 \\ w = \!\!12 \ , \ h = \!\!90 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!1080 \end{array}$$

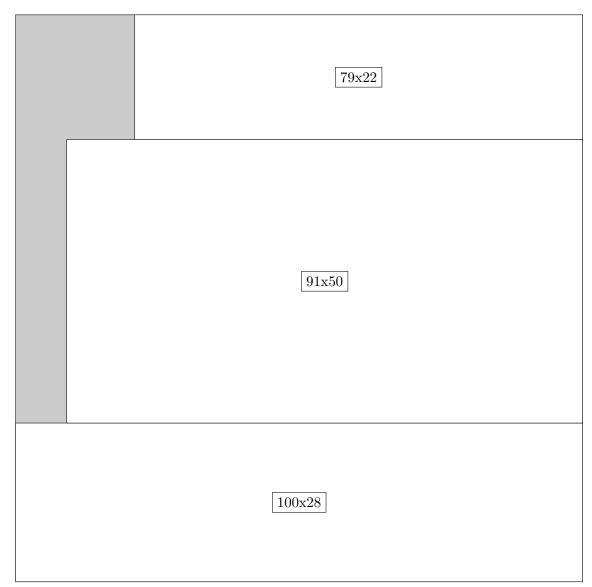


$$\le =97$$
 , h =7 , x =3 , y =0 , v =679

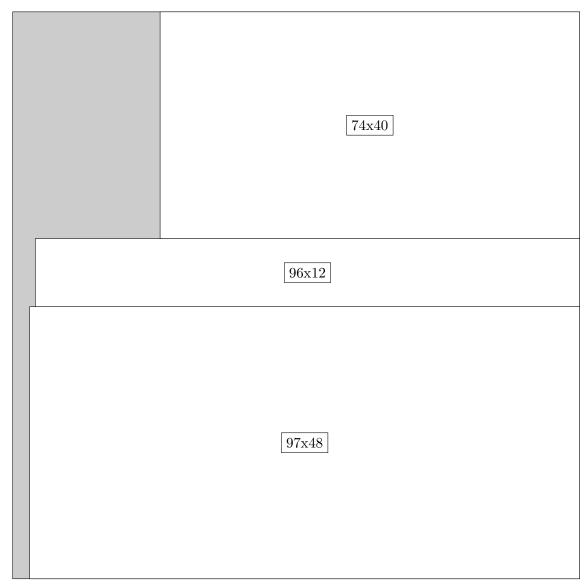
$$\le =95$$
 , h =31 , x =5 , y =7 , v =2945

$$\le =94$$
 , h =33 , x =6 , y =38 , v =3102

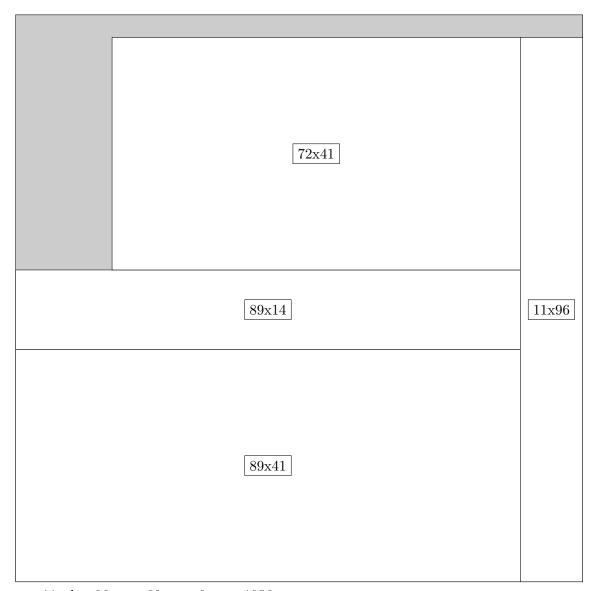
$$\le =70$$
 , h =29 , x =30 , y =71 , v =2030



$$\begin{array}{l} w = \! 100 \; , \; h = \! 28 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 2800 \\ w = \! 91 \; , \; h = \! 50 \; , \; x = \! 9 \; , \; y = \! 28 \; , \; v = \! 4550 \\ w = \! 79 \; , \; h = \! 22 \; , \; x = \! 21 \; , \; y = \! 78 \; , \; v = \! 1738 \end{array}$$



$$\begin{array}{l} w = \! 97 \; , \; h = \! 48 \; , \; x = \! 3 \; , \; y = \! 0 \; , \; v = \! 4656 \\ w = \! 96 \; , \; h = \! 12 \; , \; x = \! 4 \; , \; y = \! 48 \; , \; v = \! 1152 \\ w = \! 74 \; , \; h = \! 40 \; , \; x = \! 26 \; , \; y = \! 60 \; , \; v = \! 2960 \end{array}$$

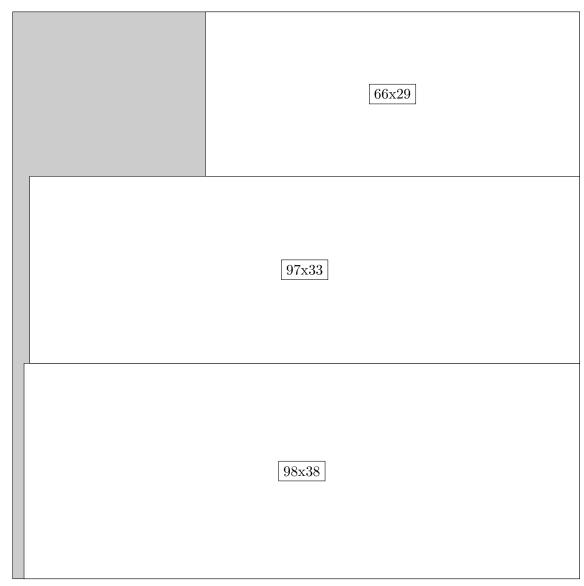


$$\le =11$$
 ,  $h$  =96 ,  $x$  =89 ,  $y$  =0 ,  $v$  =1056

$$\le =89$$
 , h =41 , x =0 , y =0 , v =3649

$$\le =89$$
 , h =14 , x =0 , y =41 , v =1246

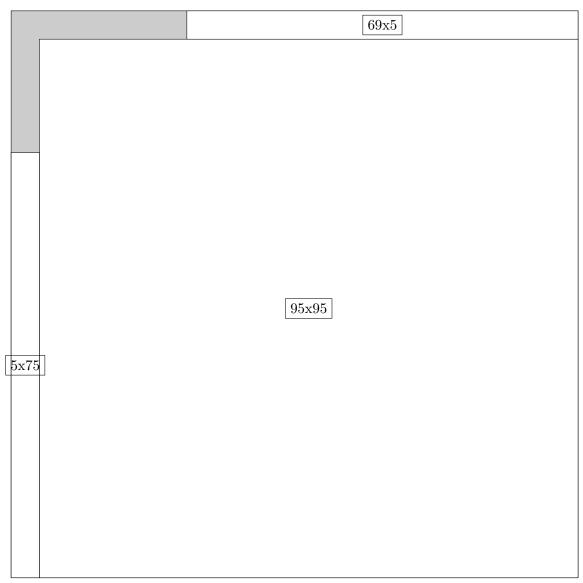
$$w$$
 =72 , h =41 , x =17 , y =55 , v =2952



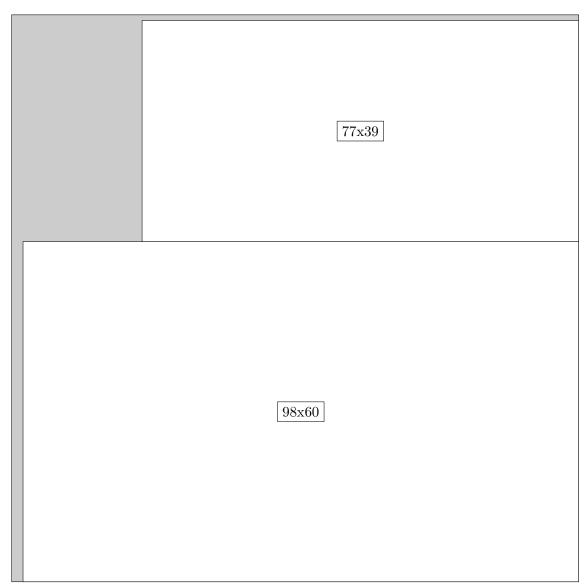
$$w$$
 =98 ,  $h$  =38 ,  $x$  =2 ,  $y$  =0 ,  $v$  =3724

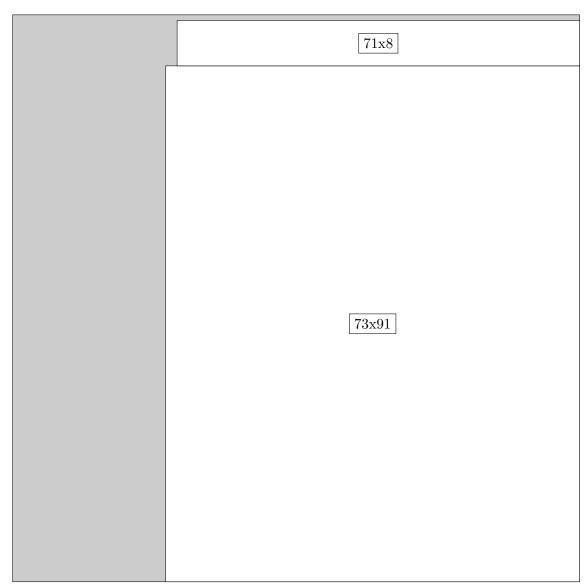
$$\le =97$$
 , h =33 , x =3 , y =38 , v =3201

$$\le =66$$
 , h =29 , x =34 , y =71 , v =1914

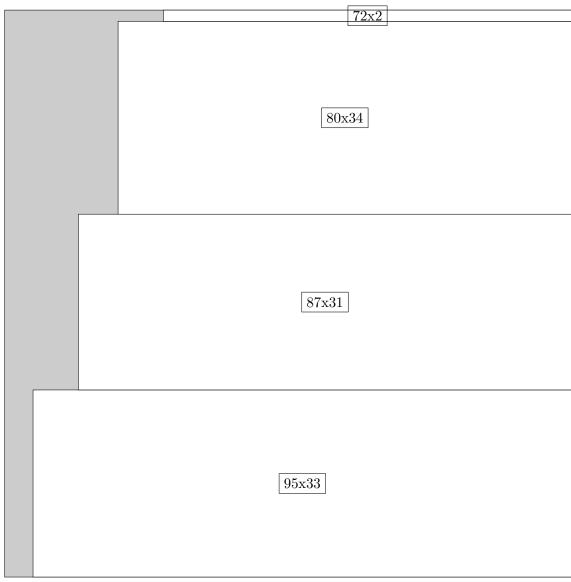


 $\begin{array}{l} w = \! 95 \;,\; h = \! 95 \;,\; x = \! 5 \;,\; y = \! 0 \;,\; v = \! 9025 \\ w = \! 5 \;,\; h = \! 75 \;,\; x = \! 0 \;,\; y = \! 0 \;,\; v = \! 375 \\ w = \! 69 \;,\; h = \! 5 \;,\; x = \! 31 \;,\; y = \! 95 \;,\; v = \! 345 \end{array}$ 





$$\begin{array}{l} w = \!\!\! 73 \ , \ h = \!\!\! 91 \ , \ x = \!\!\! 27 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 6643 \\ w = \!\!\! 71 \ , \ h = \!\!\! 8 \ , \ x = \!\!\! 29 \ , \ y = \!\!\! 91 \ , \ v = \!\!\! 568 \end{array}$$

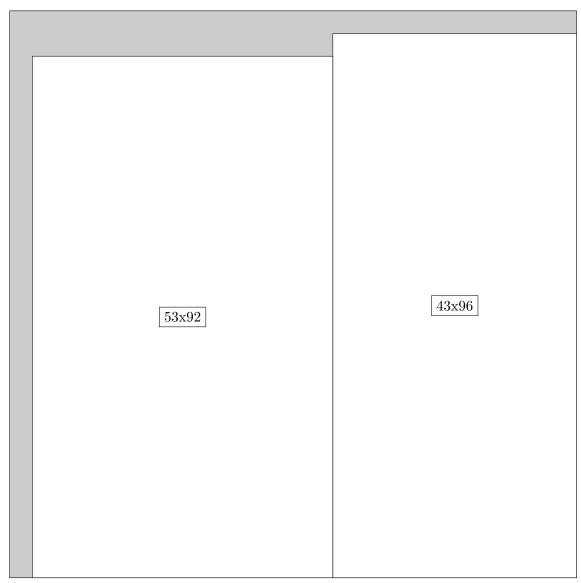


$$\le =95$$
 , h =33 , x =5 , y =0 , v =3135

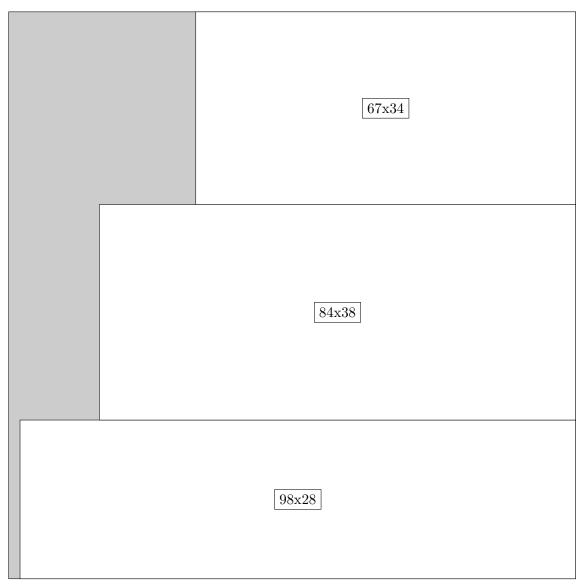
$$\le =87$$
 , h =31 , x =13 , y =33 , v =2697

$$\le =80$$
 , h =34 , x =20 , y =64 , v =2720

$$w$$
 =72 , h =2 , x =28 , y =98 , v =144



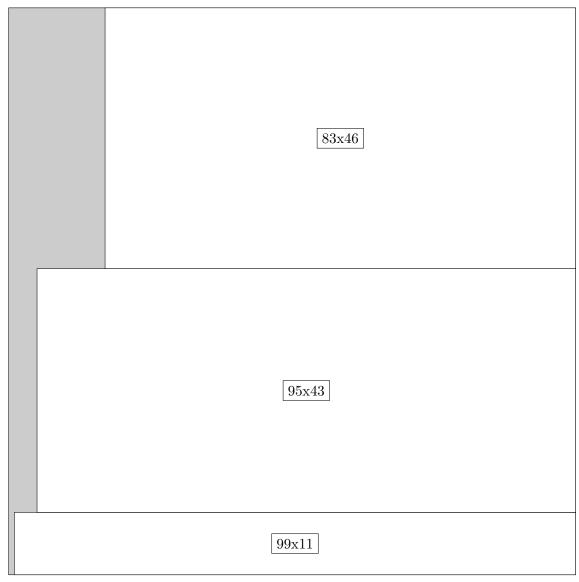
$$\begin{array}{l} w = \!\! 43 \ , \ h = \!\! 96 \ , \ x = \!\! 57 \ , \ y = \!\! 0 \ , \ v = \!\! 4128 \\ w = \!\! 53 \ , \ h = \!\! 92 \ , \ x = \!\! 4 \ , \ y = \!\! 0 \ , \ v = \!\! 4876 \end{array}$$



$$w = 98$$
,  $h = 28$ ,  $x = 2$ ,  $y = 0$ ,  $v = 2744$ 

$$\le =84$$
 , h =38 , x =16 , y =28 , v =3192

$$\le =67$$
 , h =34 , x =33 , y =66 , v =2278



$$w$$
 =99 ,  $h$  =11 ,  $x$  =1 ,  $y$  =0 ,  $v$  =1089

$$\le =95$$
 , h =43 , x =5 , y =11 , v =4085

$$\le =83$$
 , h =46 , x =17 , y =54 , v =3818