$ClassName: \ Class\_05.2bp\text{-}35$ 

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>260000</u> InS: <u>215710</u> Rate: <u>0.830</u> UB: <u>26</u> LB0: <u>25</u>

LBWithCut:  $\underline{\mathbf{26}}$  NodeCut:  $\underline{\mathbf{0}}$ 

LB: **26** 

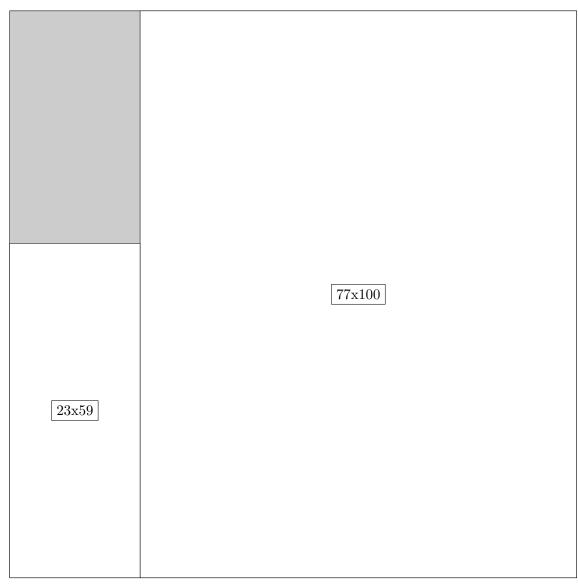
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{66}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{41}}$ PricingSolverCnt:  $\underline{\mathbf{41}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

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

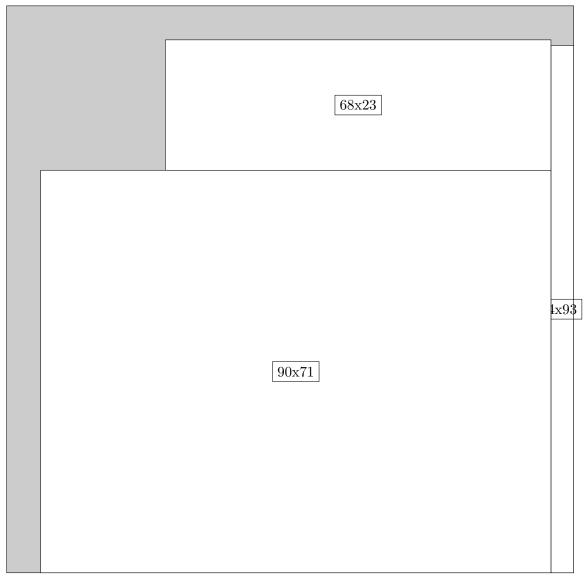
TimeOnPrimal: 0.000 sTimeOnPricing: 2.376 sTimeOnRmp: 0.077 sTotalTime: 602.766 s



$$\begin{array}{l} w = \!\!\! 77 \ , \ h = \!\!\! 100 \ , \ x = \!\!\! 23 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 7700 \\ w = \!\!\! 23 \ , \ h = \!\!\! 59 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 1357 \end{array}$$



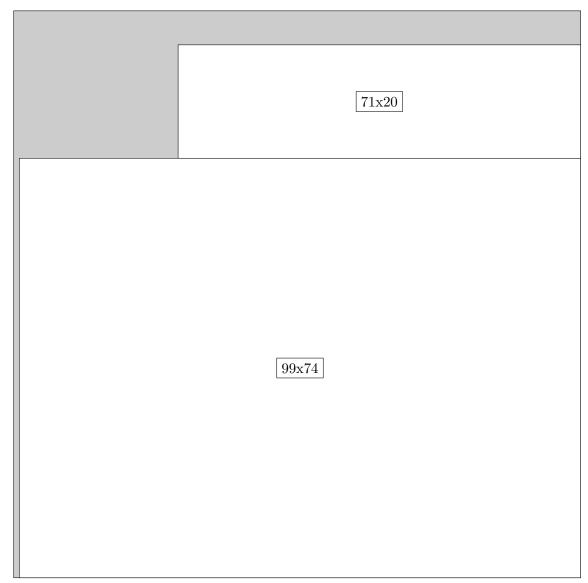
$$\begin{array}{l} w = \! 100 \ , \ h = \! 58 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5800 \\ w = \! 94 \ , \ h = \! 38 \ , \ x = \! 6 \ , \ y = \! 58 \ , \ v = \! 3572 \end{array}$$

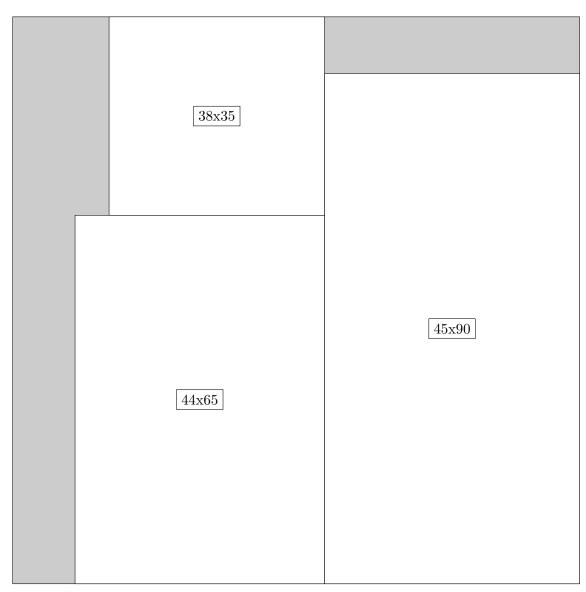


$$\le =4$$
 , h =93 , x =96 , y =0 , v =372

$$\le =90$$
 , h =71 , x =6 , y =0 , v =6390

$$\le =68$$
 , h =23 , x =28 , y =71 , v =1564

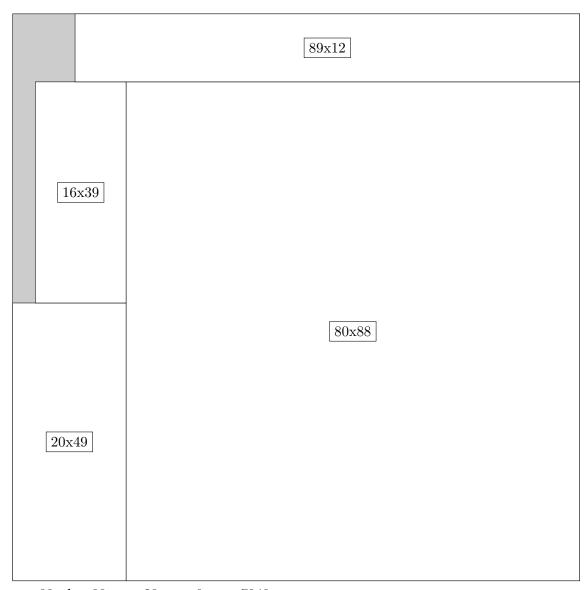




$$\le =45$$
 ,  $h$  =90 ,  $x$  =55 ,  $y$  =0 ,  $v$  =4050

$$\le =44$$
 , h =65 , x =11 , y =0 , v =2860

$$\le =38$$
 , h =35 , x =17 , y =65 , v =1330

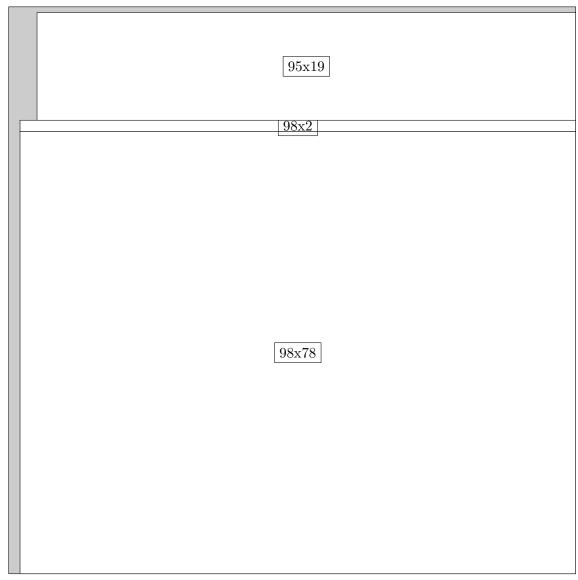


$$\le =80$$
 ,  $h$  =88 ,  $x$  =20 ,  $y$  =0 ,  $v$  =7040

$$\le =20$$
 ,  $h=49$  ,  $x=0$  ,  $y=0$  ,  $v=980$ 

$$\le =16$$
 , h =39 , x =4 , y =49 , v =624

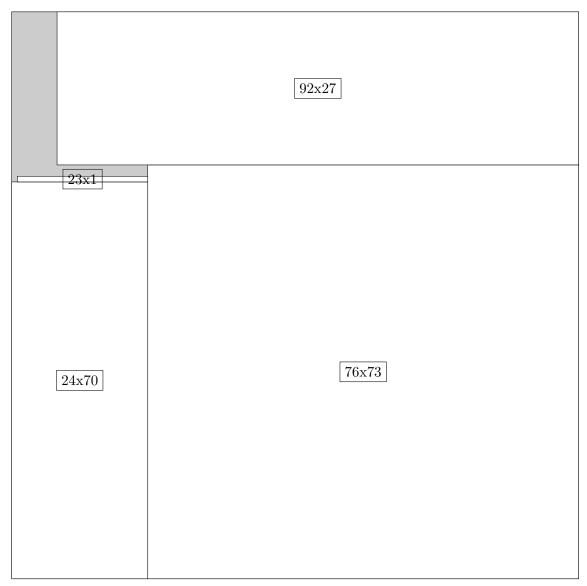
$$\le =89$$
 ,  $h$  =12 ,  $x$  =11 ,  $y$  =88 ,  $v$  =1068



$$w$$
 =98 ,  $h$  =78 ,  $x$  =2 ,  $y$  =0 ,  $v$  =7644

$$\le =98$$
 , h =2 , x =2 , y =78 , v =196

$$\le =95$$
 , h =19 , x =5 , y =80 , v =1805

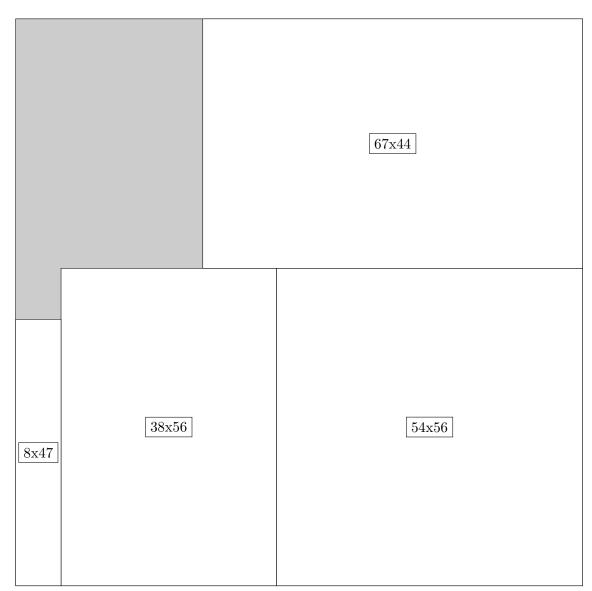


$$w$$
 =76 ,  $h$  =73 ,  $x$  =24 ,  $y$  =0 ,  $v$  =5548

$$\le =24$$
 ,  $h$  =70 ,  $x$  =0 ,  $y$  =0 ,  $v$  =1680

$$\le =23$$
 , h =1 , x =1 , y =70 , v =23

$$w = 92$$
,  $h = 27$ ,  $x = 8$ ,  $y = 73$ ,  $v = 2484$ 



 $\begin{array}{l} w = \!\!54 \ , \ h = \!\!56 \ , \ x = \!\!46 \ , \ y = \!\!0 \ , \ v = \!\!3024 \\ w = \!\!38 \ , \ h = \!\!56 \ , \ x = \!\!8 \ , \ y = \!\!0 \ , \ v = \!\!2128 \\ w = \!\!8 \ , \ h = \!\!47 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!376 \\ w = \!\!67 \ , \ h = \!\!44 \ , \ x = \!\!33 \ , \ y = \!\!56 \ , \ v = \!\!2948 \end{array}$ 

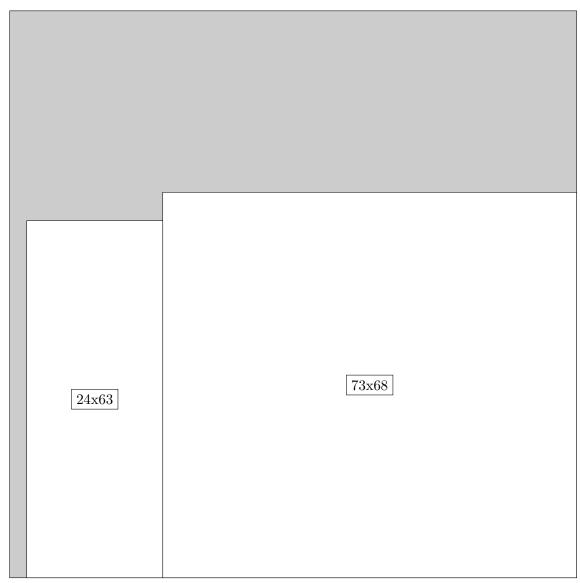
30x15	65x26
31x70	$66\mathrm{x}70$

$$\le =66$$
 ,  $h$  =70 ,  $x$  =34 ,  $y$  =0 ,  $v$  =4620

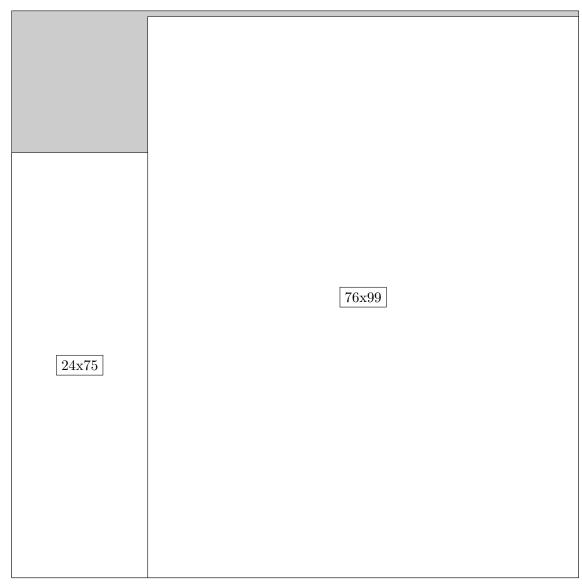
$$\le =65$$
 ,  $h=26$  ,  $x=35$  ,  $y=70$  ,  $v=1690$ 

$$\le =31$$
 ,  $h$  =70 ,  $x$  =3 ,  $y$  =0 ,  $v$  =2170

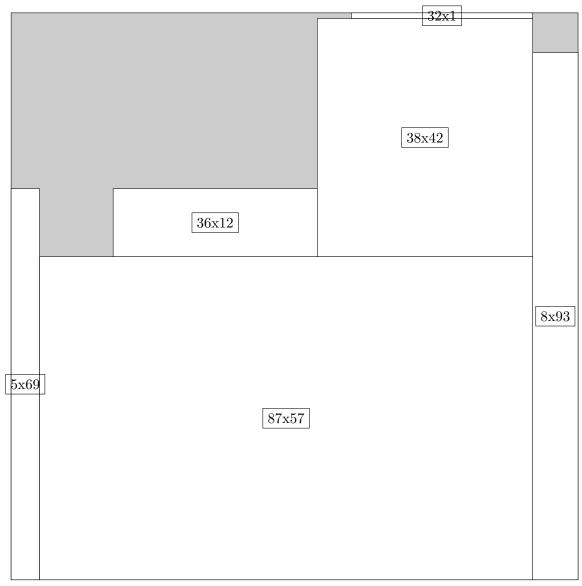
$$\le =30$$
 ,  $h$  =15 ,  $x$  =4 ,  $y$  =70 ,  $v$  =450



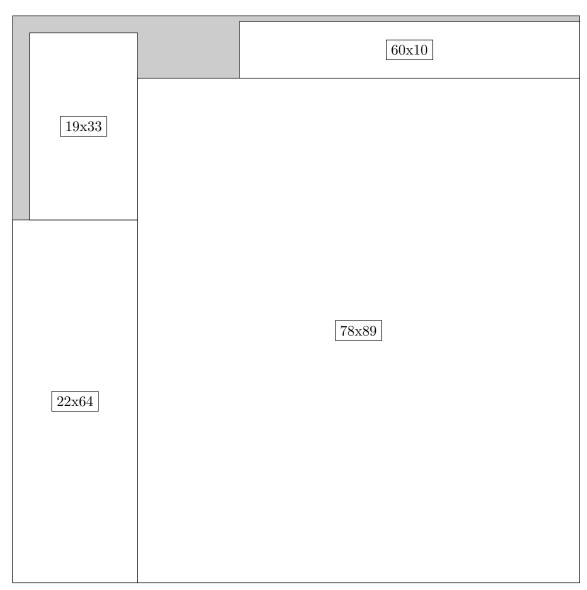
$$\begin{array}{l} w = \! 73 \ , \ h = \! 68 \ , \ x = \! 27 \ , \ y = \! 0 \ , \ v = \! 4964 \\ w = \! 24 \ , \ h = \! 63 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 1512 \end{array}$$



$$\begin{array}{l} w = \! 76 \ , \ h = \! 99 \ , \ x = \! 24 \ , \ y = \! 0 \ , \ v = \! 7524 \\ w = \! 24 \ , \ h = \! 75 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1800 \end{array}$$



$$\begin{array}{l} w=8 \ , \ h=93 \ , \ x=92 \ , \ y=0 \ , \ v=744 \\ w=87 \ , \ h=57 \ , \ x=5 \ , \ y=0 \ , \ v=4959 \\ w=38 \ , \ h=42 \ , \ x=54 \ , \ y=57 \ , \ v=1596 \\ w=32 \ , \ h=1 \ , \ x=60 \ , \ y=99 \ , \ v=32 \\ w=36 \ , \ h=12 \ , \ x=18 \ , \ y=57 \ , \ v=432 \\ w=5 \ , \ h=69 \ , \ x=0 \ , \ y=0 \ , \ v=345 \\ \end{array}$$

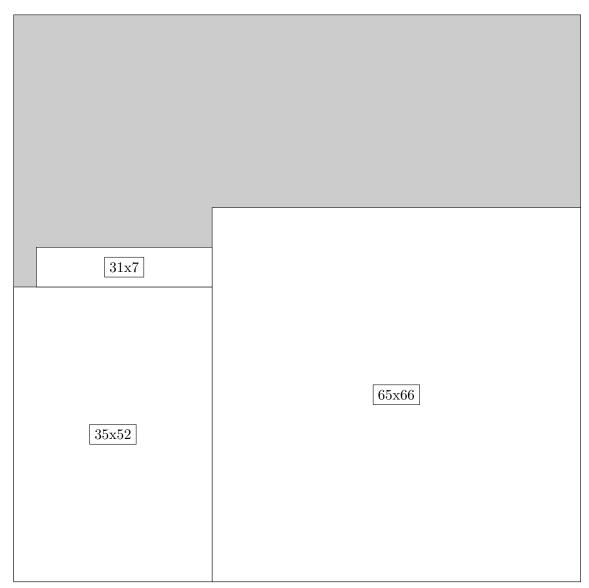


$$w = 78$$
,  $h = 89$ ,  $x = 22$ ,  $y = 0$ ,  $v = 6942$ 

$$w$$
 =60 ,  $h$  =10 ,  $x$  =40 ,  $y$  =89 ,  $v$  =600

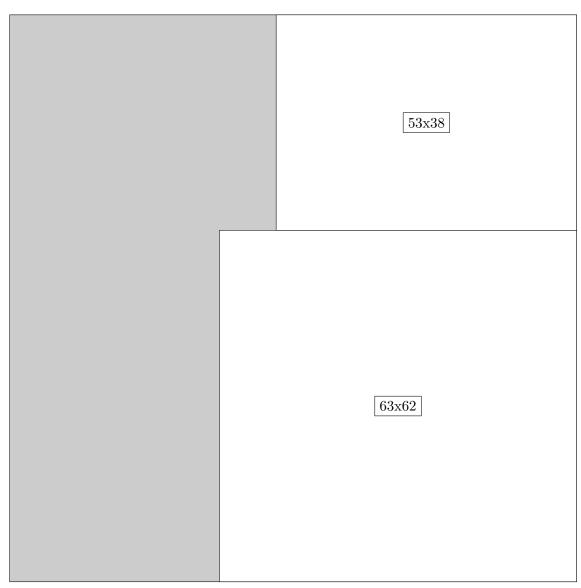
$$\le =22$$
 , h =64 , x =0 , y =0 , v =1408

$$\le =19$$
 , h =33 , x =3 , y =64 , v =627

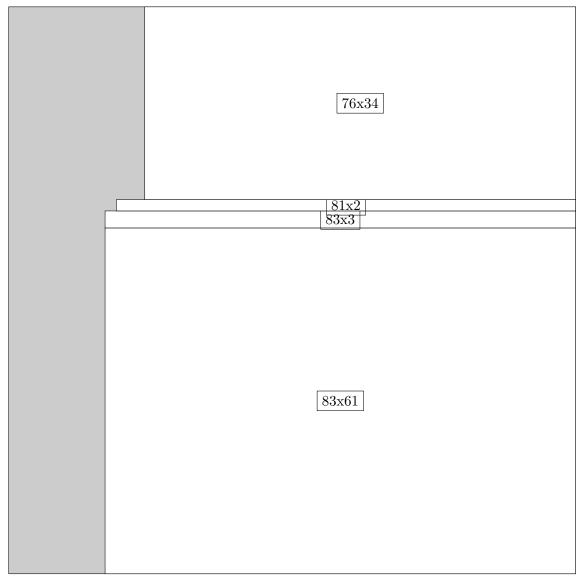


$$\begin{array}{l} w = \!65 \ , \ h = \!66 \ , \ x = \!35 \ , \ y = \!0 \ , \ v = \!4290 \\ w = \!35 \ , \ h = \!52 \ , \ x = \!0 \ , \ y = \!0 \ , \ v = \!1820 \end{array}$$

$$w$$
 =31 ,  $h$  =7 ,  $x$  =4 ,  $y$  =52 ,  $v$  =217



$$\begin{array}{l} w = \!63 \; , \; h = \!62 \; , \; x = \!37 \; , \; y = \!0 \; , \; v = \!3906 \\ w = \!53 \; , \; h = \!38 \; , \; x = \!47 \; , \; y = \!62 \; , \; v = \!2014 \end{array}$$

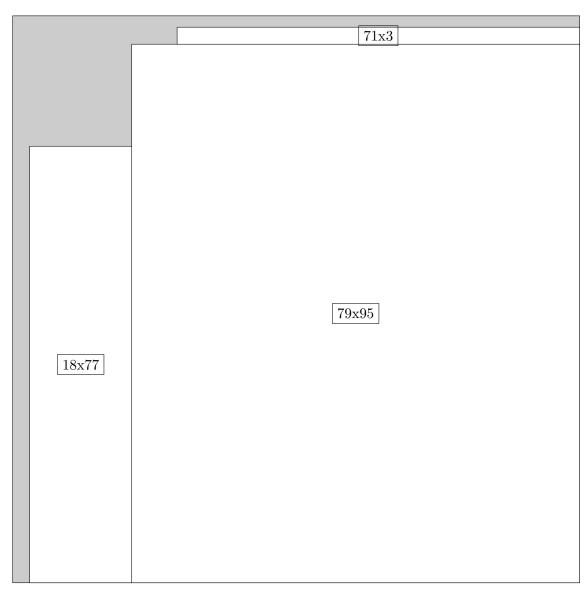


$$w = 83$$
,  $h = 61$ ,  $x = 17$ ,  $y = 0$ ,  $v = 5063$ 

$$\le =83$$
 , h =3 , x =17 , y =61 , v =249

$$\le =81$$
 , h =2 , x =19 , y =64 , v =162

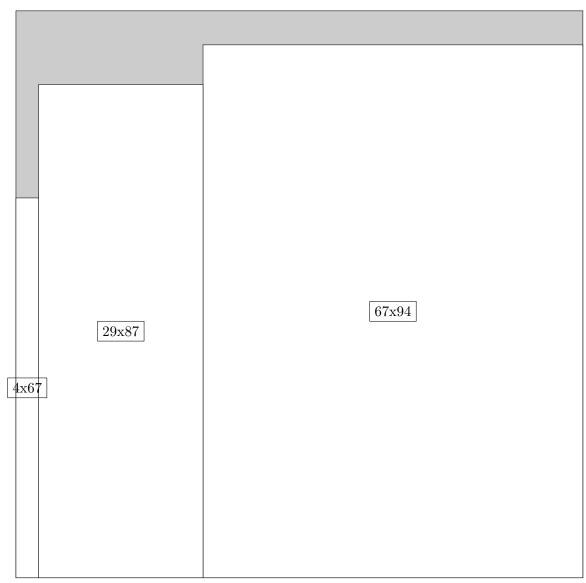
$$\le -76$$
 , h =34 , x =24 , y =66 , v =2584



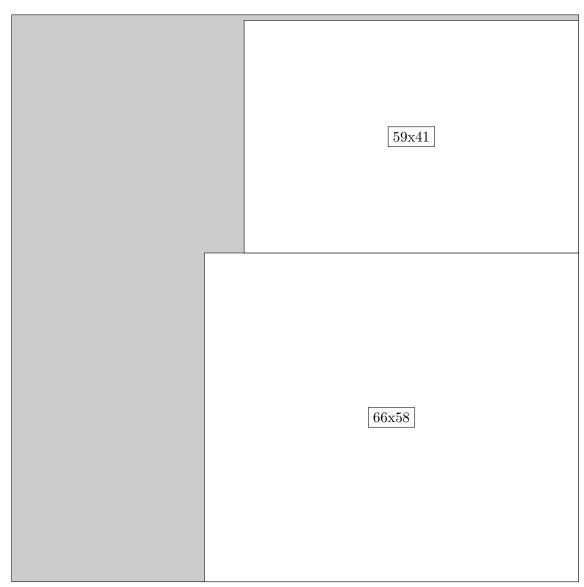
$$w = 79 \ , \ h = 95 \ , \ x = 21 \ , \ y = 0 \ , \ v = 7505$$

$$w$$
 =71 , h =3 , x =29 , y =95 , v =213

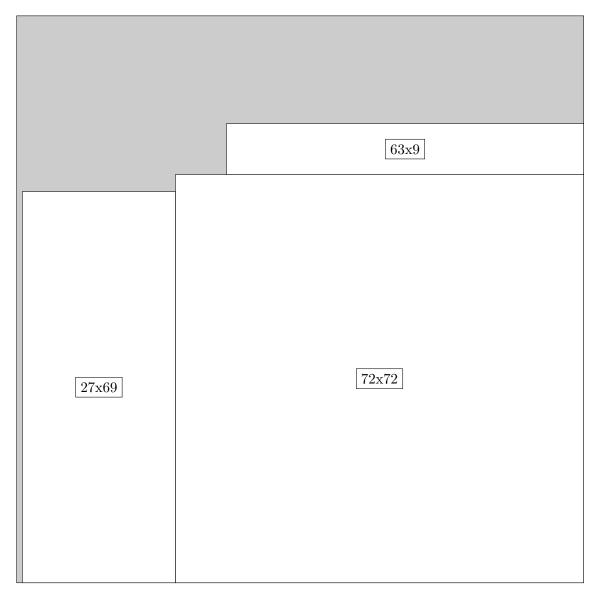
$$\le =18$$
 ,  $h$  =77 ,  $x$  =3 ,  $y$  =0 ,  $v$  =1386



 $\begin{array}{l} w = \!67 \ , \ h = \!94 \ , \ x = \!33 \ , \ y = \!0 \ , \ v = \!6298 \\ w = \!29 \ , \ h = \!87 \ , \ x = \!4 \ , \ y = \!0 \ , \ v = \!2523 \\ w = \!4 \ , \ h = \!67 \ , \ x = \!0 \ , \ y = \!0 \ , \ v = \!268 \end{array}$ 



$$\begin{array}{l} w = \!\!\! 66 \ , \, h = \!\!\! 58 \ , \, x = \!\!\! 34 \ , \, y = \!\!\! 0 \ , \, v = \!\!\! 3828 \\ w = \!\!\! 59 \ , \, h = \!\!\! 41 \ , \, x = \!\!\! 41 \ , \, y = \!\!\! 58 \ , \, v = \!\!\! 2419 \end{array}$$



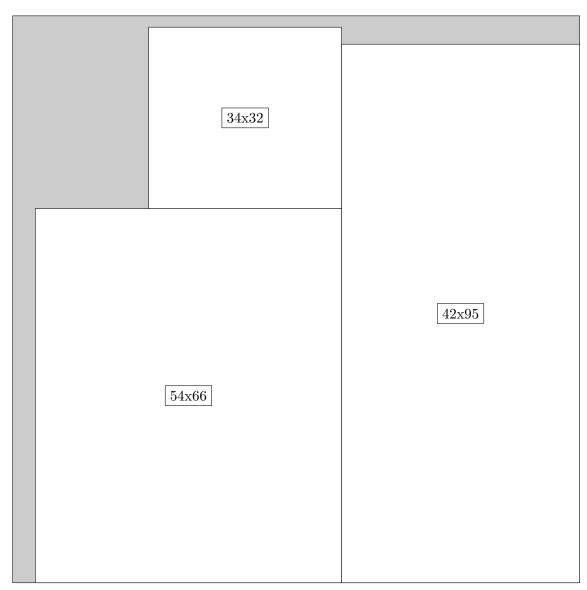
$$w$$
 =72 ,  $h$  =72 ,  $x$  =28 ,  $y$  =0 ,  $v$  =5184

$$\le =27$$
 , h =69 , x =1 , y =0 , v =1863

$$\le =63$$
 , h =9 , x =37 , y =72 , v =  
567



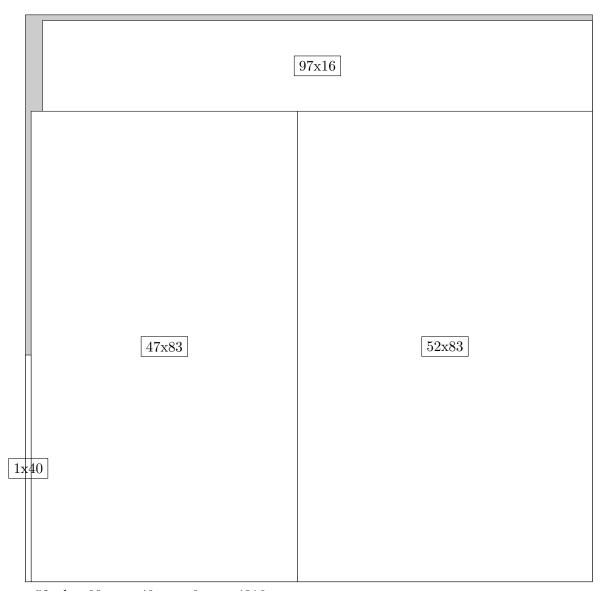
$$\begin{array}{l} w = 74 \ , \ h = \!\! 57 \ , \ x = \!\! 26 \ , \ y = \!\! 0 \ , \ v = \!\! 4218 \\ w = \!\! 72 \ , \ h = \!\! 37 \ , \ x = \!\! 28 \ , \ y = \!\! 57 \ , \ v = \!\! 2664 \end{array}$$



$$w = 42$$
,  $h = 95$ ,  $x = 58$ ,  $y = 0$ ,  $v = 3990$ 

$$\mathbf{w}$$
 =54 , h =66 , x =4 , y =0 , v =3564

$$\le =34$$
 , h =32 , x =24 , y =66 , v =1088

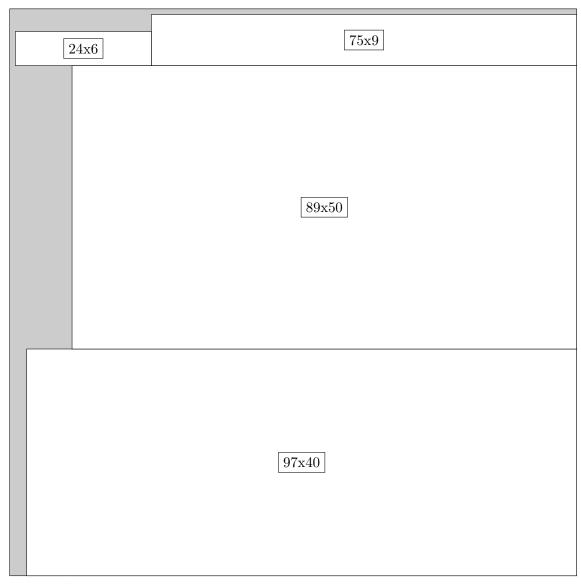


 $\begin{array}{l} w = \! 52 \; , \; h = \! 83 \; , \; x = \! 48 \; , \; y = \! 0 \; , \; v = \! 4316 \\ w = \! 47 \; , \; h = \! 83 \; , \; x = \! 1 \; , \; y = \! 0 \; , \; v = \! 3901 \\ w = \! 1 \; , \; h = \! 40 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 40 \end{array}$ 

 $\le =97$  , h=16 , x=3 , y=83 , v=1552



$$\begin{array}{l} w = \! 60 \ , \, h = \! 49 \ , \, x = \! 40 \ , \, y = \! 0 \ , \, v = \! 2940 \\ w = \! 45 \ , \, h = \! 49 \ , \, x = \! 55 \ , \, y = \! 49 \ , \, v = \! 2205 \end{array}$$



$$\le =97$$
 ,  $h=40$  ,  $x=3$  ,  $y=0$  ,  $v=3880$ 

$$\le =89$$
 , h =50 , x =11 , y =40 , v =4450

$$\le -75$$
 , h =9 , x =25 , y =90 , v =675

$$\le =24$$
 ,  $h$  =6 ,  $x$  =1 ,  $y$  =90 ,  $v$  =144