$ClassName: \ Class\_05.2bp-32$ 

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

TypeNum: <u>79</u> Num: <u>80</u> OutS: <u>250000</u> InS: <u>195188</u> Rate: <u>0.781</u> UB: <u>25</u> LB0: <u>24</u> LB: <u>25</u>

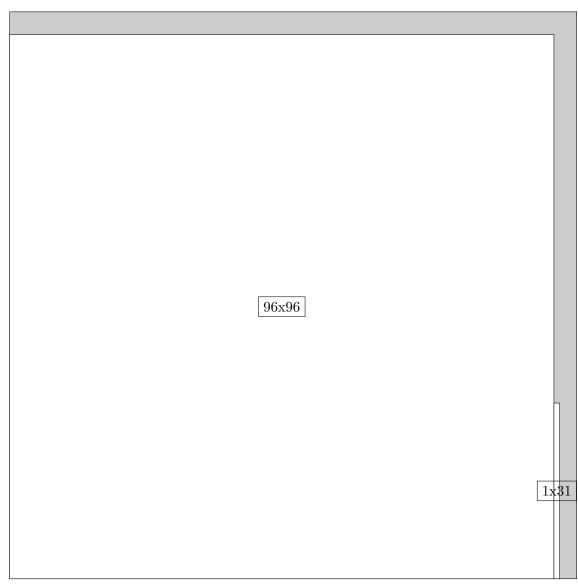
LBWithCut:  $\underline{25}$  NodeCut:  $\underline{0}$ 

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

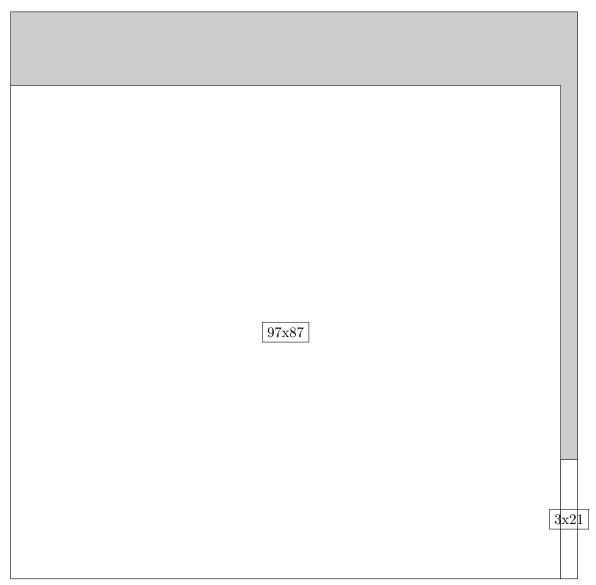
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{96}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{72}}$ PricingSolverCnt:  $\underline{\mathbf{72}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

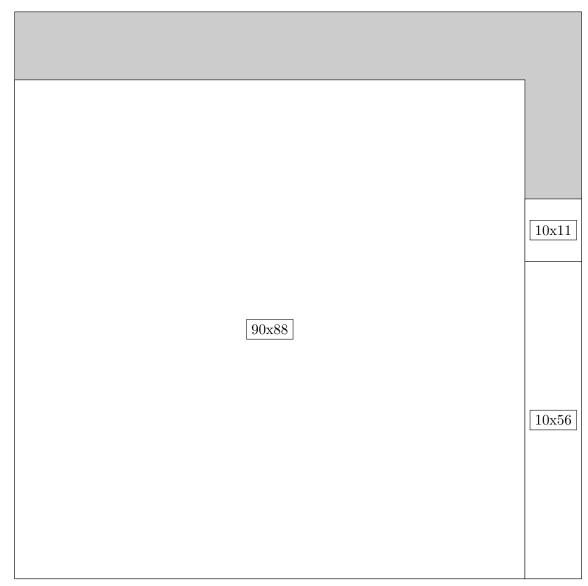
TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{27.866 \text{ s}}$ TimeOnRmp:  $\underline{0.130 \text{ s}}$ TotalTime:  $\underline{28.131 \text{ s}}$ 



$$\begin{array}{l} w = \! 96 \ , \, h = \! 96 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 9216 \\ w = \! 1 \ , \, h = \! 31 \ , \, x = \! 96 \ , \, y = \! 0 \ , \, v = \! 31 \end{array}$$



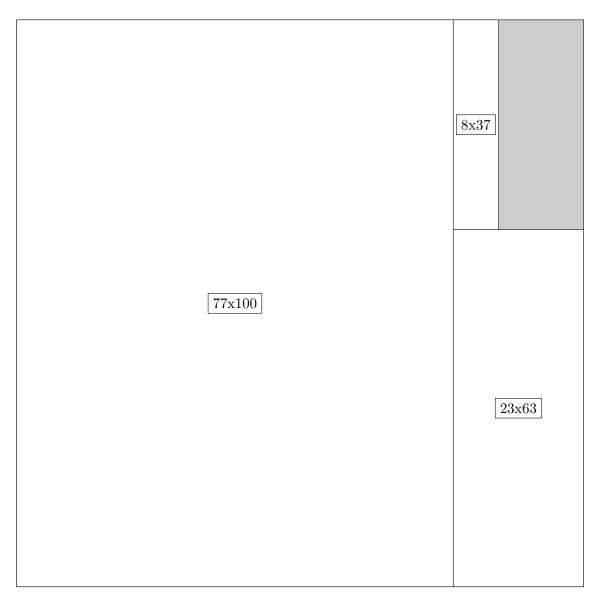
 $\begin{array}{l} w = \! 97 \ , \ h = \! 87 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 8439 \\ w = \! 3 \ , \ h = \! 21 \ , \ x = \! 97 \ , \ y = \! 0 \ , \ v = \! 63 \end{array}$ 



$$w = \! 90 \; , \; h = \! 88 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 7920 \;$$

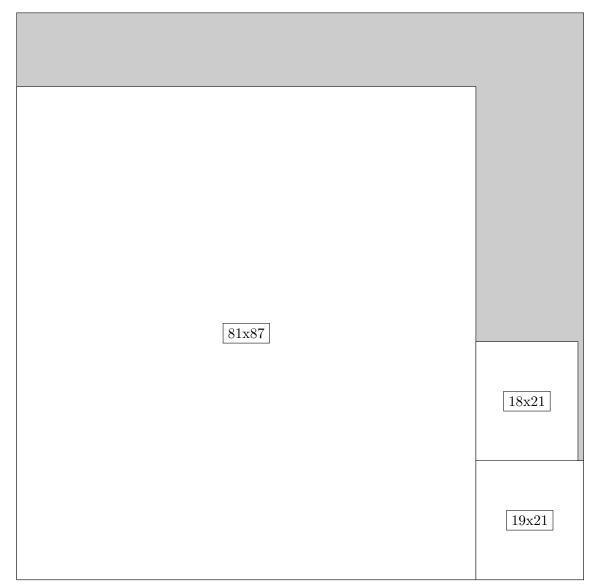
$$\le =10$$
 ,  $h$  =56 ,  $x$  =90 ,  $y$  =0 ,  $v$  =560

$$w$$
 =10 ,  $h$  =11 ,  $x$  =90 ,  $y$  =56 ,  $v$  =110

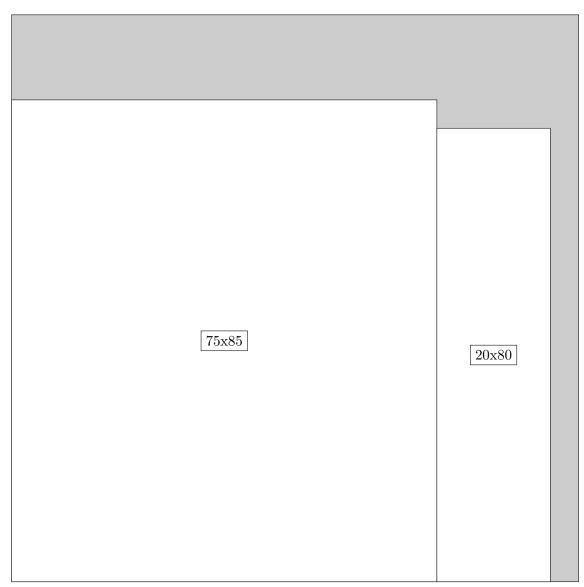


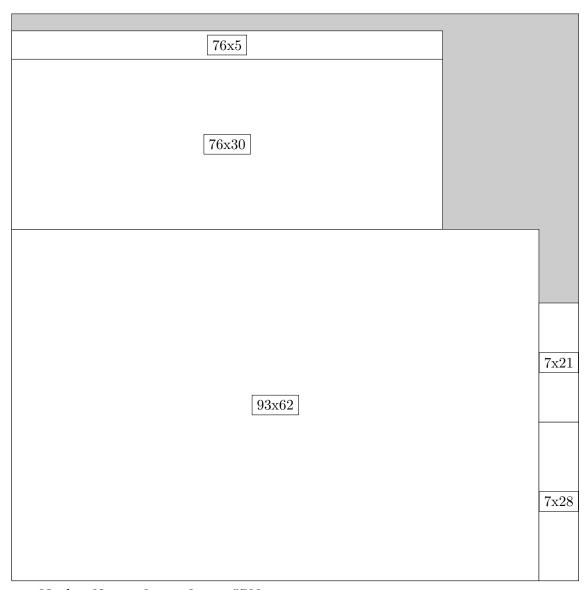
$$\begin{array}{l} w = \!\!\! 77 \ , \ h = \!\!\! 100 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 7700 \\ w = \!\!\! 23 \ , \ h = \!\!\! 63 \ , \ x = \!\!\! 77 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 1449 \end{array}$$

$$\le = 8$$
 ,  $h = 37$  ,  $x = 77$  ,  $y = 63$  ,  $v = 296$ 

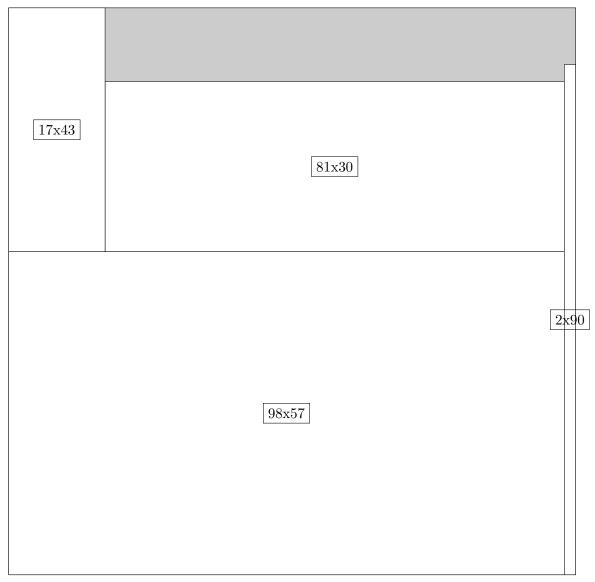


$$\begin{array}{l} w = \! 81 \ , \ h = \! 87 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7047 \\ w = \! 19 \ , \ h = \! 21 \ , \ x = \! 81 \ , \ y = \! 0 \ , \ v = \! 399 \\ w = \! 18 \ , \ h = \! 21 \ , \ x = \! 81 \ , \ y = \! 21 \ , \ v = \! 378 \end{array}$$





$$\begin{array}{l} w = \! 93 \ , \ h = \! 62 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5766 \\ w = \! 76 \ , \ h = \! 30 \ , \ x = \! 0 \ , \ y = \! 62 \ , \ v = \! 2280 \\ w = \! 76 \ , \ h = \! 5 \ , \ x = \! 0 \ , \ y = \! 92 \ , \ v = \! 380 \\ w = \! 7 \ , \ h = \! 28 \ , \ x = \! 93 \ , \ y = \! 0 \ , \ v = \! 196 \\ w = \! 7 \ , \ h = \! 21 \ , \ x = \! 93 \ , \ y = \! 28 \ , \ v = \! 147 \end{array}$$

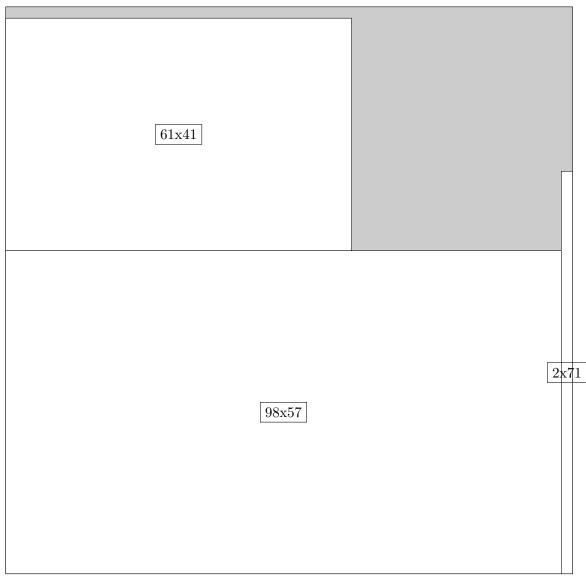


$$w = 98$$
,  $h = 57$ ,  $x = 0$ ,  $y = 0$ ,  $v = 5586$ 

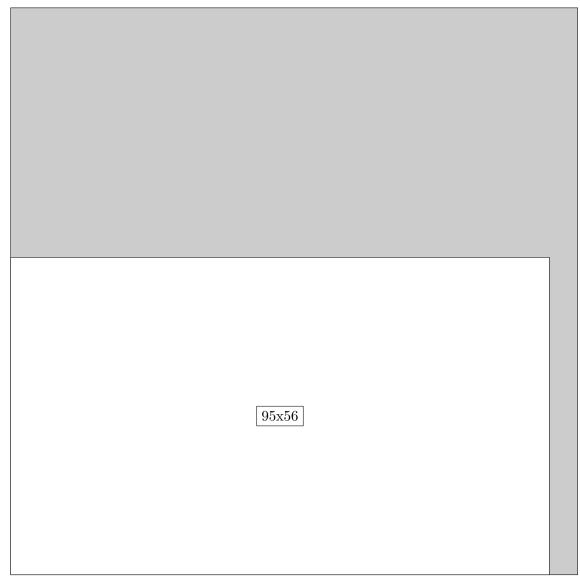
$$\le =81$$
 ,  $h$  =30 ,  $x$  =17 ,  $y$  =57 ,  $v$  =2430

$$\le =17$$
 , h =43 , x =0 , y =57 , v =731

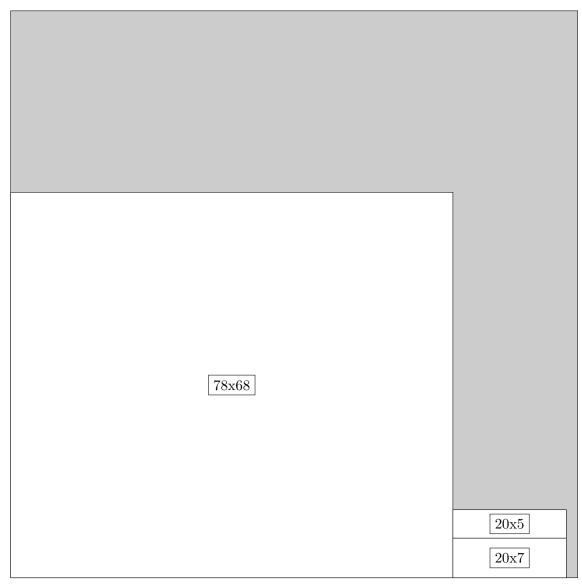
$$\mathbf{w}$$
 =2 , h =90 , x =98 , y =0 , v =180



$$\begin{array}{l} w = \! 98 \ , \ h = \! 57 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5586 \\ w = \! 61 \ , \ h = \! 41 \ , \ x = \! 0 \ , \ y = \! 57 \ , \ v = \! 2501 \\ w = \! 2 \ , \ h = \! 71 \ , \ x = \! 98 \ , \ y = \! 0 \ , \ v = \! 142 \end{array}$$



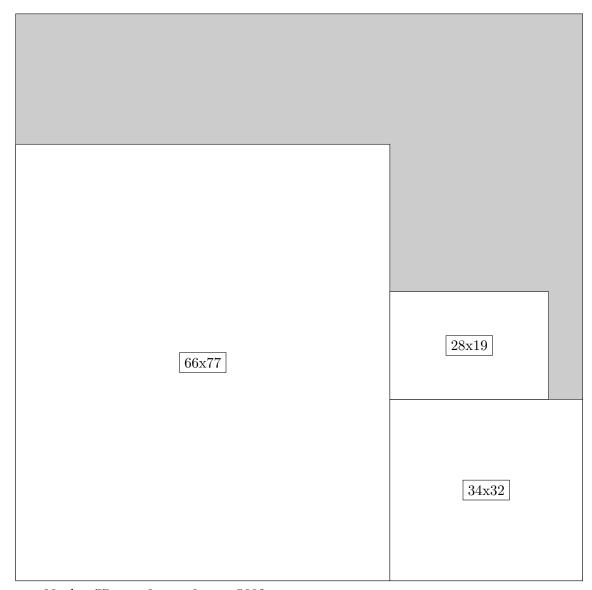
 $\le =95$  , h =56 , x =0 , y =0 , v =5320



$$w = 78$$
,  $h = 68$ ,  $x = 0$ ,  $y = 0$ ,  $v = 5304$ 

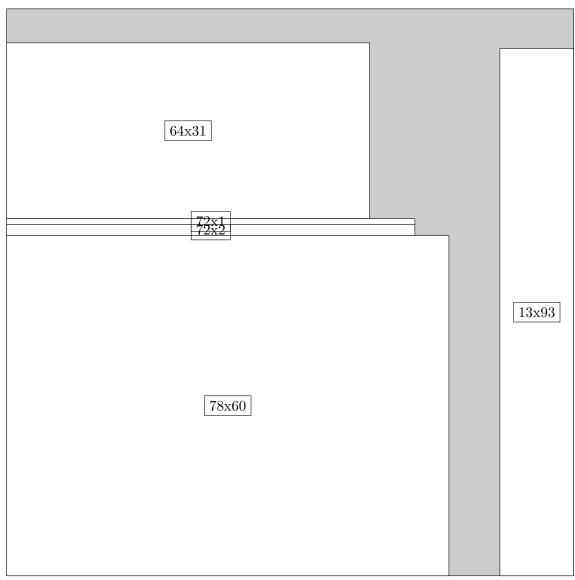
$$\le =20$$
 ,  $h$  =7 ,  $x$  =78 ,  $y$  =0 ,  $v$  =140

$$\le =20$$
 , h =5 , x =78 , y =7 , v =100



$$\begin{array}{l} w = \!\!66 \ , \ h = \!\!77 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!5082 \\ w = \!\!34 \ , \ h = \!\!32 \ , \ x = \!\!66 \ , \ y = \!\!0 \ , \ v = \!\!1088 \end{array}$$

$$w = 28$$
,  $h = 19$ ,  $x = 66$ ,  $y = 32$ ,  $v = 532$ 



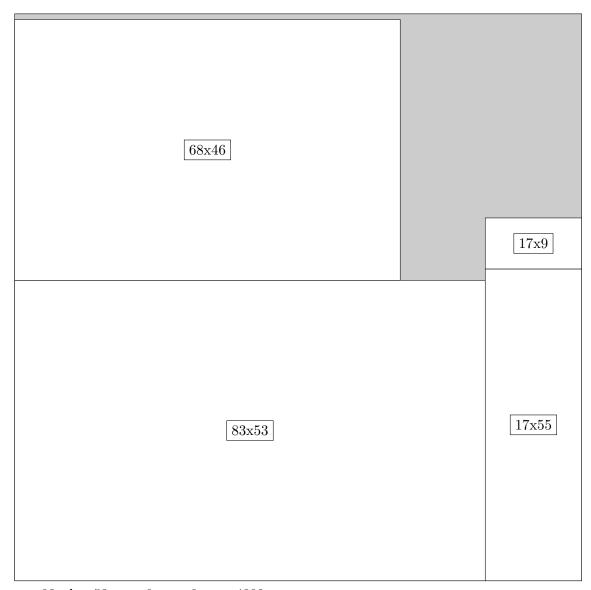
$$\mathbf{w}$$
 =78 , h =60 , x =0 , y =0 , v =4680

$$\le =64$$
 , h =31 , x =0 , y =63 , v =1984

$$\le =13$$
 , h =93 , x =87 , y =0 , v =1209

$$\le =72$$
 , h =2 , x =0 , y =60 , v =144

$$w = 72$$
,  $h = 1$ ,  $x = 0$ ,  $y = 62$ ,  $v = 72$ 



$$\le =83$$
 ,  $h$  =53 ,  $x$  =0 ,  $y$  =0 ,  $v$  =4399

$$\le =68$$
 , h =46 , x =0 , y =53 , v =3128

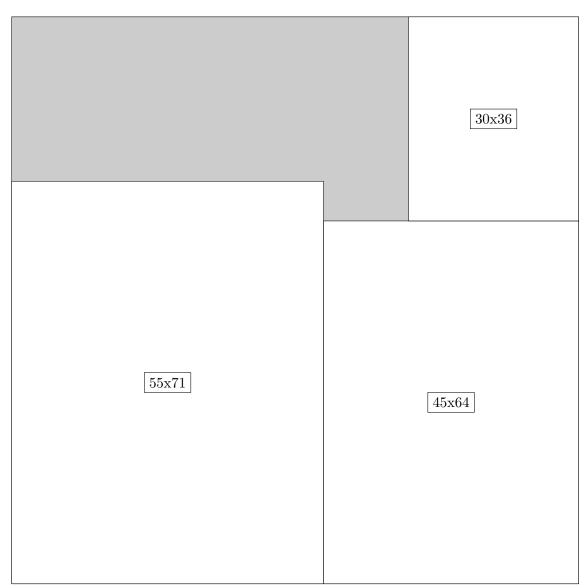
$$\le =17$$
 , h =55 , x =83 , y =0 , v =935

$$\le =17$$
 , h =9 , x =83 , y =55 , v =153

$\boxed{65\mathrm{x}4}$	
$\boxed{65\text{x}63}$	$\boxed{35\text{x}66}$

$$\begin{array}{l} w = \! 65 \ , \ h = \! 63 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4095 \\ w = \! 35 \ , \ h = \! 66 \ , \ x = \! 65 \ , \ y = \! 0 \ , \ v = \! 2310 \end{array}$$

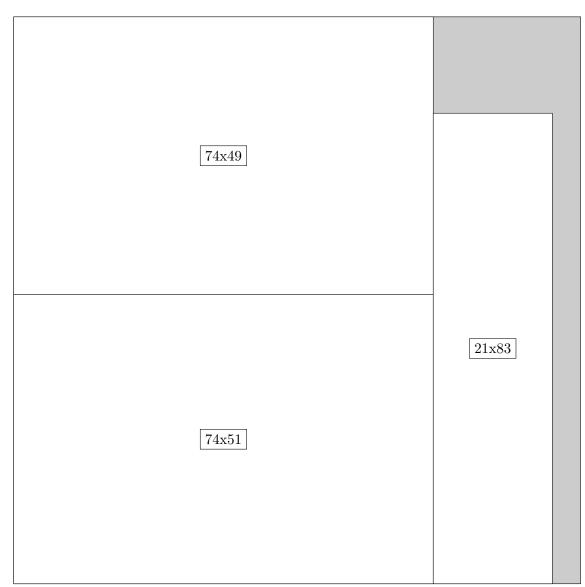
$$w = 65$$
,  $h = 4$ ,  $x = 0$ ,  $y = 63$ ,  $v = 260$ 



$$\le -55$$
 , h =71 , x =0 , y =0 , v =3905

$$\le =45$$
 ,  $h=64$  ,  $x=55$  ,  $y=0$  ,  $v=2880$ 

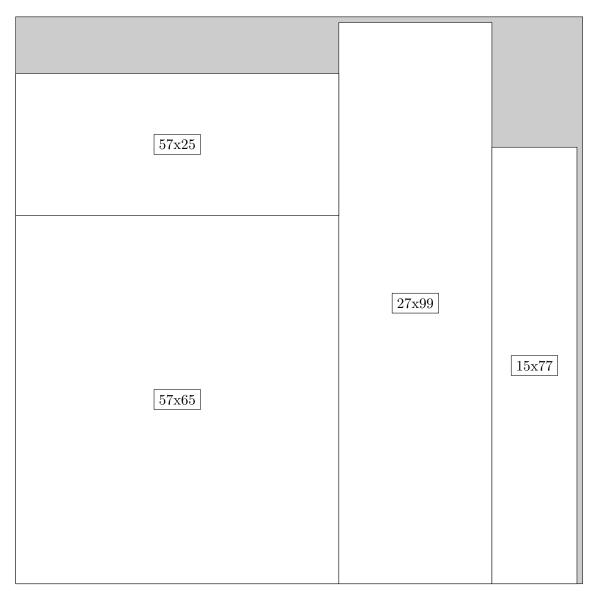
$$\le =30$$
 , h =36 , x =70 , y =64 , v =1080



$$\le =74$$
 , h =51 , x =0 , y =0 , v =3774

$$\le =74$$
 , h =49 , x =0 , y =51 , v =3626

$$\le =21$$
 , h =83 , x =74 , y =0 , v =1743

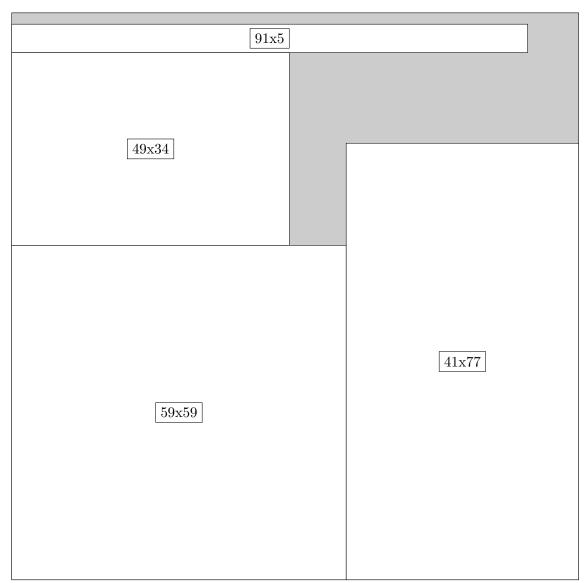


$$\mathbf{w}$$
 =57 , h =65 , x =0 , y =0 , v =3705

$$\le =27$$
 , h =99 , x =57 , y =0 , v =2673

$$\le =57$$
 , h =25 , x =0 , y =65 , v =1425

$$\mathbf{w}$$
 =15 , h =77 , x =84 , y =0 , v =1155

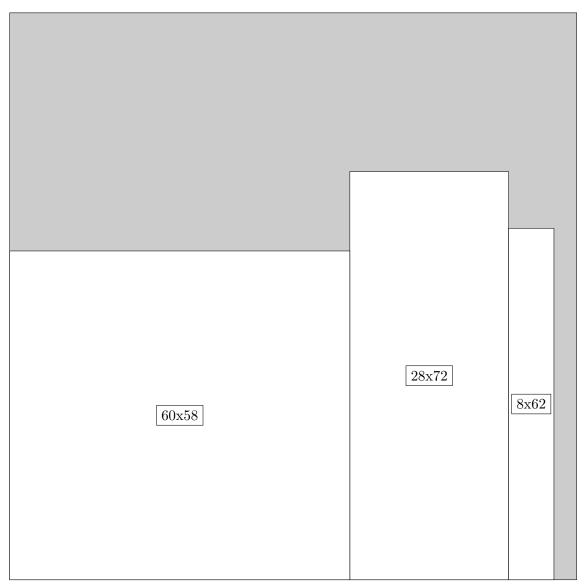


$$\le =59$$
 , h =59 , x =0 , y =0 , v =3481

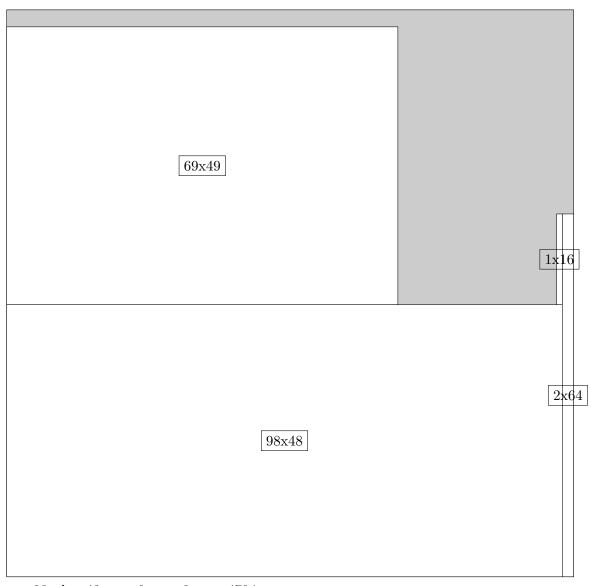
$$\le =41$$
 ,  $h$  =77 ,  $x$  =59 ,  $y$  =0 ,  $v$  =3157

$$\le =49$$
 , h =34 , x =0 , y =59 , v =1666

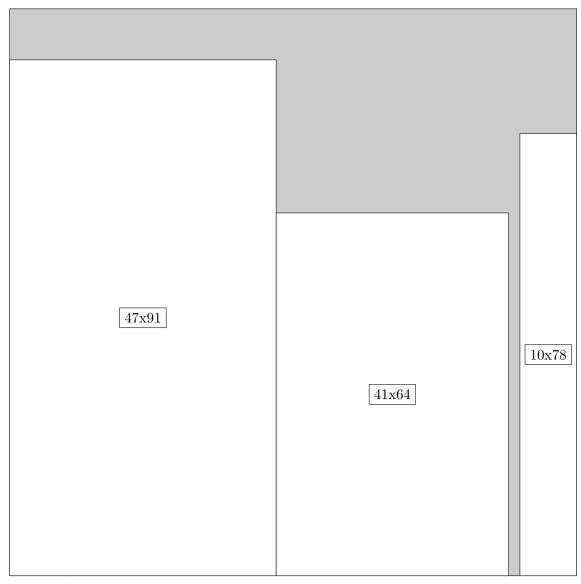
$$\le =91$$
 ,  $h=5$  ,  $x=0$  ,  $y=93$  ,  $v=455$ 



 $\begin{array}{l} w = 28 \ , \ h = 72 \ , \ x = 60 \ , \ y = 0 \ , \ v = 2016 \\ w = 60 \ , \ h = 58 \ , \ x = 0 \ , \ y = 0 \ , \ v = 3480 \\ w = 8 \ , \ h = 62 \ , \ x = 88 \ , \ y = 0 \ , \ v = 496 \end{array}$ 

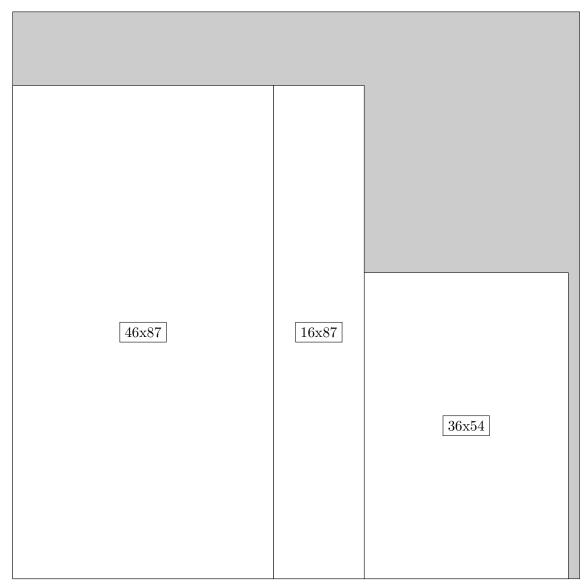


 $\begin{array}{l} w = 98 \; , \; h = \!\! 48 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 4704 \\ w = \!\! 69 \; , \; h = \!\! 49 \; , \; x = \!\! 0 \; , \; y = \!\! 48 \; , \; v = \!\! 3381 \\ w = \!\! 2 \; , \; h = \!\! 64 \; , \; x = \!\! 98 \; , \; y = \!\! 0 \; , \; v = \!\! 128 \\ w = \!\! 1 \; , \; h = \!\! 16 \; , \; x = \!\! 97 \; , \; y = \!\! 48 \; , \; v = \!\! 16 \end{array}$ 



$$\begin{array}{l} w = \!\! 47 \ , \ h = \!\! 91 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4277 \\ w = \!\! 41 \ , \ h = \!\! 64 \ , \ x = \!\! 47 \ , \ y = \!\! 0 \ , \ v = \!\! 2624 \end{array}$$

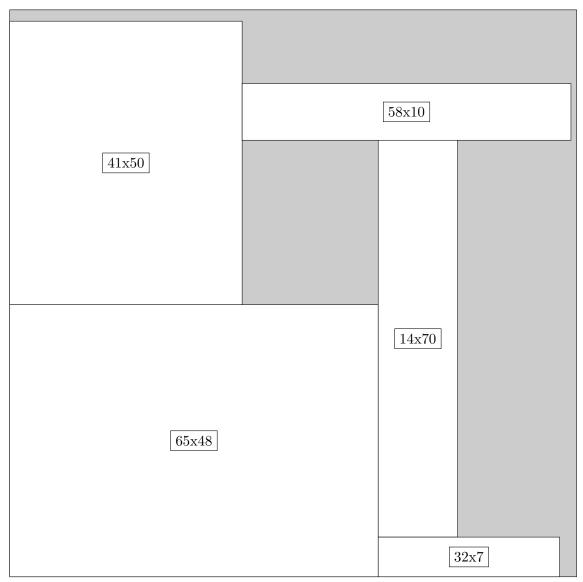
$$w = 10$$
 ,  $h = 78$  ,  $x = 90$  ,  $y = 0$  ,  $v = 780$ 



w = 46, h = 87, x = 0, y = 0, v = 4002

 $\le =36$  , h=54 , x=62 , y=0 , v=1944

 $\le =16$  , h =87 , x =46 , y =0 , v =1392



$$w = 65$$
,  $h = 48$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3120$ 

$$\le =41$$
 ,  $h$  =50 ,  $x$  =0 ,  $y$  =48 ,  $v$  =2050

$$\le =14$$
 ,  $h$  =70 ,  $x$  =65 ,  $y$  =7 ,  $v$  =980

$$w$$
 =58 ,  $h$  =10 ,  $x$  =41 ,  $y$  =77 ,  $v$  =580

$$\le =32$$
 , h =7 , x =65 , y =0 , v =224

