${\bf ClassName:}~{\bf Class\_05.2bp\text{-}31}$ 

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>230000</u> InS: <u>200789</u> Rate: <u>0.873</u> UB: <u>23</u> LB: <u>23</u>

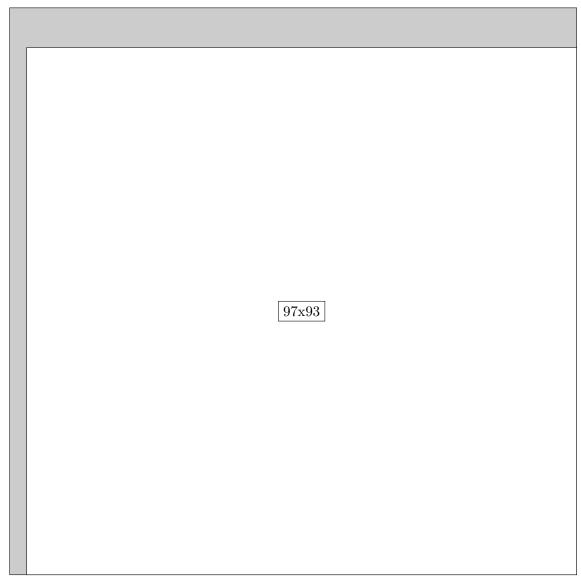
LBWithCut:  $\underline{\mathbf{23}}$ NodeCount:  $\underline{\mathbf{0}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{23}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

isOpt: **true** 

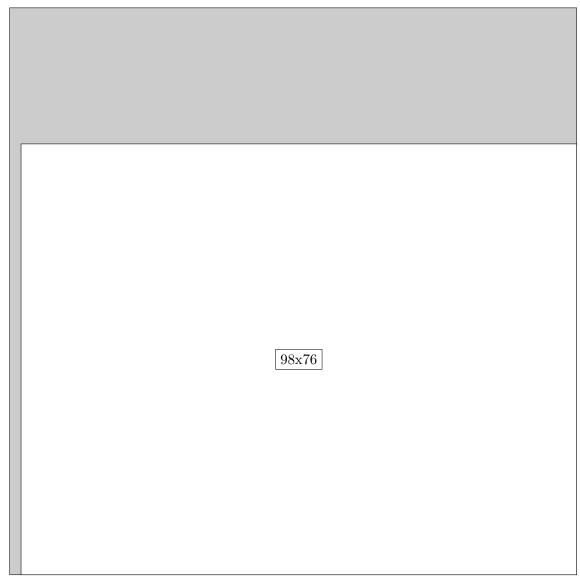
TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{0.000 \text{ s}}$ TimeOnRmp:  $\underline{0.063 \text{ s}}$ TotalTime:  $\underline{0.204 \text{ s}}$ 



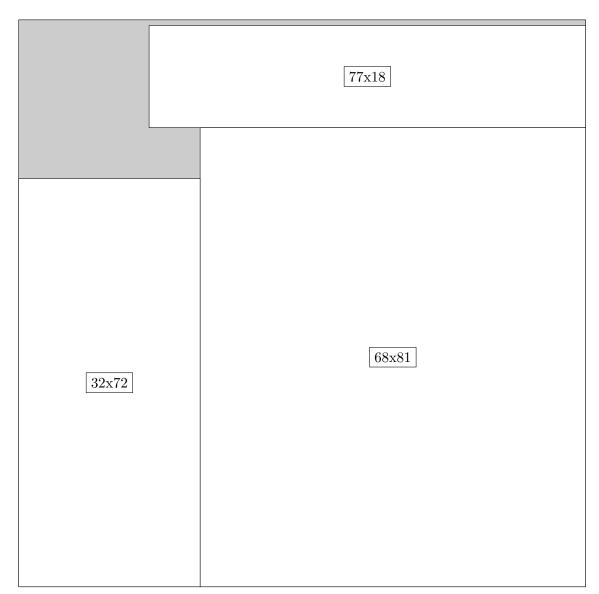
$$\begin{array}{l} w=58\;,\; h=46\;,\; x=42\;,\; y=0\;,\; v=2668\\ w=38\;,\; h=46\;,\; x=4\;,\; y=0\;,\; v=1748\\ w=4\;,\; h=20\;,\; x=0\;,\; y=0\;,\; v=80\\ w=53\;,\; h=53\;,\; x=47\;,\; y=46\;,\; v=2809\\ w=40\;,\; h=53\;,\; x=7\;,\; y=46\;,\; v=2120 \end{array}$$



 $\le =97$  , h =93 , x =3 , y =0 , v =9021



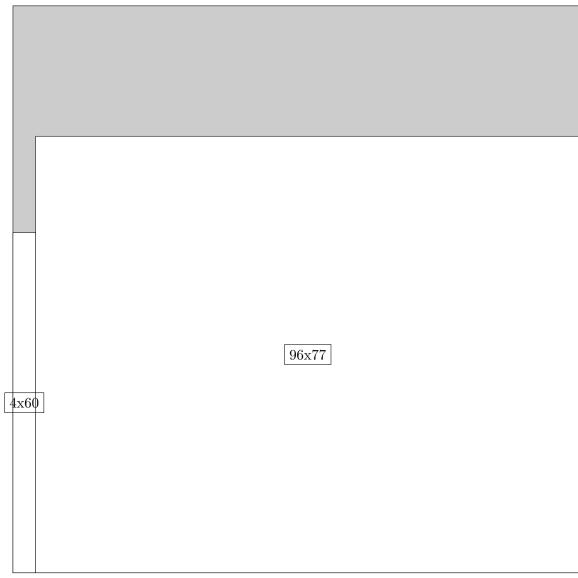
 $\le =98$  , h =76 , x =2 , y =0 , v =7448



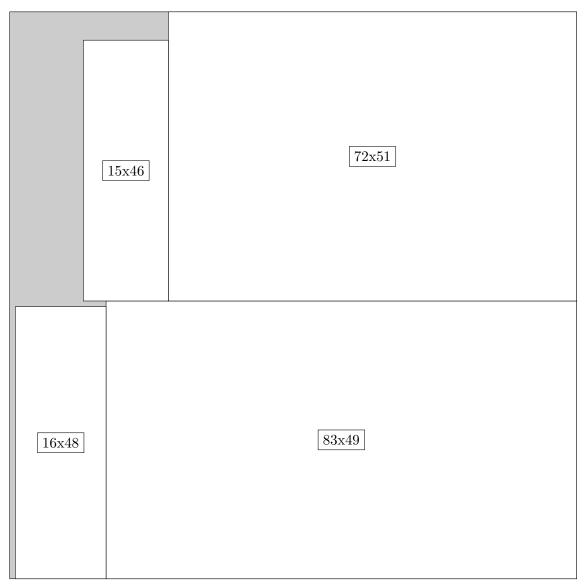
$$w = 68$$
,  $h = 81$ ,  $x = 32$ ,  $y = 0$ ,  $v = 5508$ 

$$\le =32$$
 , h =72 , x =0 , y =0 , v =2304

$$\le =77$$
 , h =18 , x =23 , y =81 , v =1386



$$\begin{array}{l} w = \! 96 \ , \ h = \! 77 \ , \ x = \! 4 \ , \ y = \! 0 \ , \ v = \! 7392 \\ w = \! 4 \ , \ h = \! 60 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 240 \end{array}$$

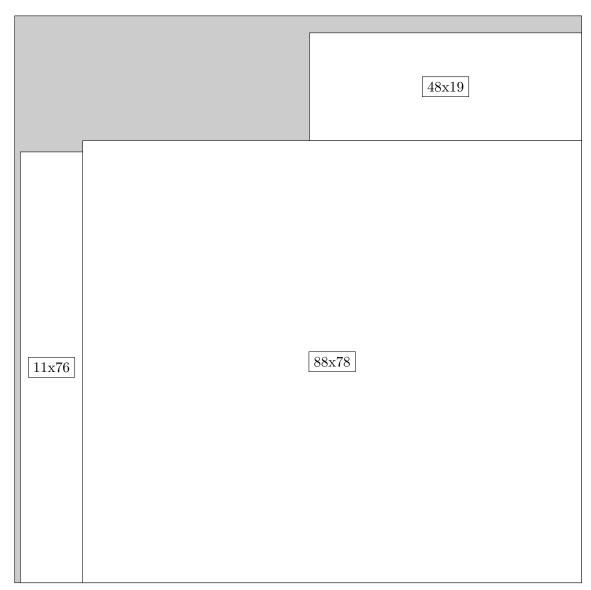


$$w = 83$$
,  $h = 49$ ,  $x = 17$ ,  $y = 0$ ,  $v = 4067$ 

$$\le =16$$
 , h =48 , x =1 , y =0 , v =768

$$\le =72$$
 , h =51 , x =28 , y =49 , v =3672

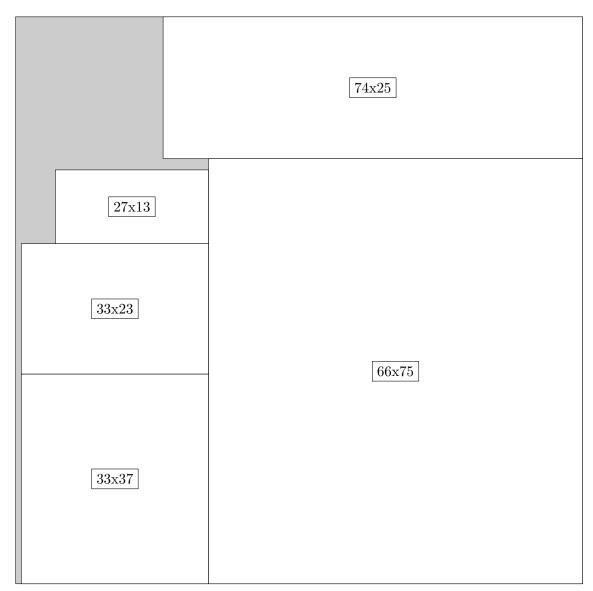
$$\le =15$$
 , h =46 , x =13 , y =49 , v =690



$$w$$
 =88 ,  $h$  =78 ,  $x$  =12 ,  $y$  =0 ,  $v$  =6864

$$\le =11$$
 ,  $h$  =76 ,  $x$  =1 ,  $y$  =0 ,  $v$  =836

$$\le =48$$
 ,  $h$  =19 ,  $x$  =52 ,  $y$  =78 ,  $v$  =912



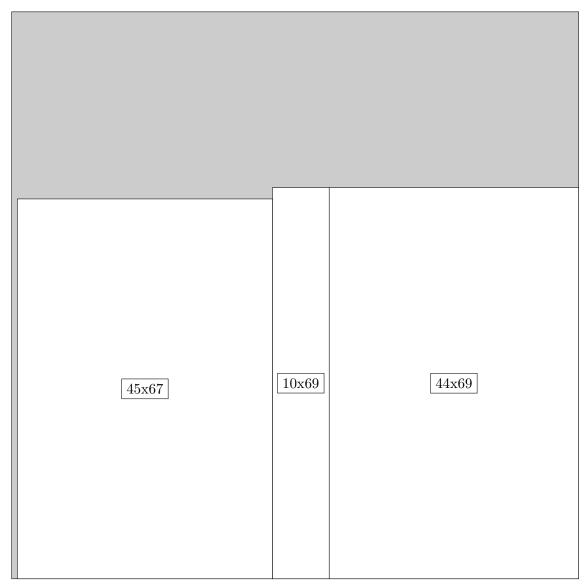
$$w = 66$$
,  $h = 75$ ,  $x = 34$ ,  $y = 0$ ,  $v = 4950$ 

$$\begin{array}{l} w = \! 33 \ , \ h = \! 37 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 1221 \\ w = \! 33 \ , \ h = \! 23 \ , \ x = \! 1 \ , \ y = \! 37 \ , \ v = \! 759 \end{array}$$

$$w = 33$$
,  $h = 23$ ,  $x = 1$ ,  $y = 37$ ,  $v = 759$ 

$$\le =27$$
 , h =13 , x =7 , y =60 , v =351

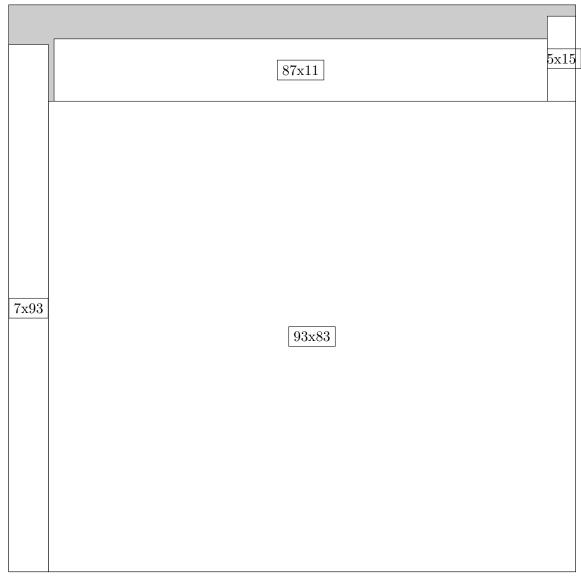
$$\le =74$$
 , h =25 , x =26 , y =75 , v =1850



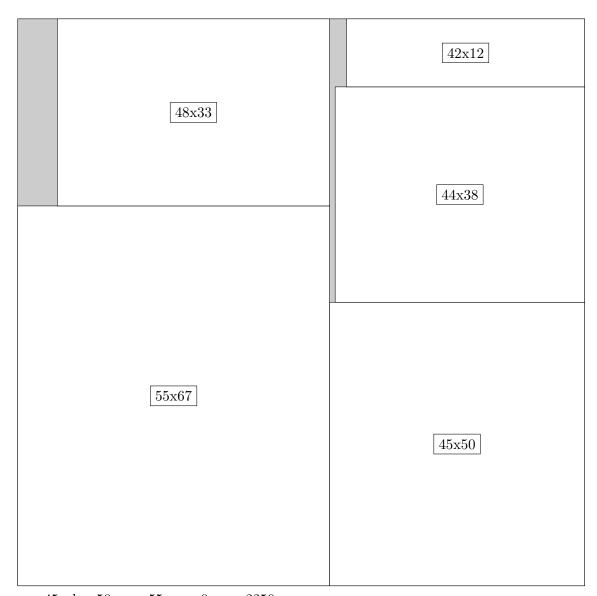
$$\mathbf{w}$$
 =44 , h =69 , x =56 , y =0 , v =3036

$$\le =10$$
 , h =69 , x =46 , y =0 , v =690

$$\le =45$$
 ,  $h=67$  ,  $x=1$  ,  $y=0$  ,  $v=3015$ 



 $\begin{array}{l} w = \! 93 \;, \; h = \! 83 \;, \; x = \! 7 \;, \; y = \! 0 \;, \; v = \! 7719 \\ w = \! 5 \;, \; h = \! 15 \;, \; x = \! 95 \;, \; y = \! 83 \;, \; v = \! 75 \\ w = \! 87 \;, \; h = \! 11 \;, \; x = \! 8 \;, \; y = \! 83 \;, \; v = \! 957 \\ w = \! 7 \;, \; h = \! 93 \;, \; x = \! 0 \;, \; y = \! 0 \;, \; v = \! 651 \end{array}$ 



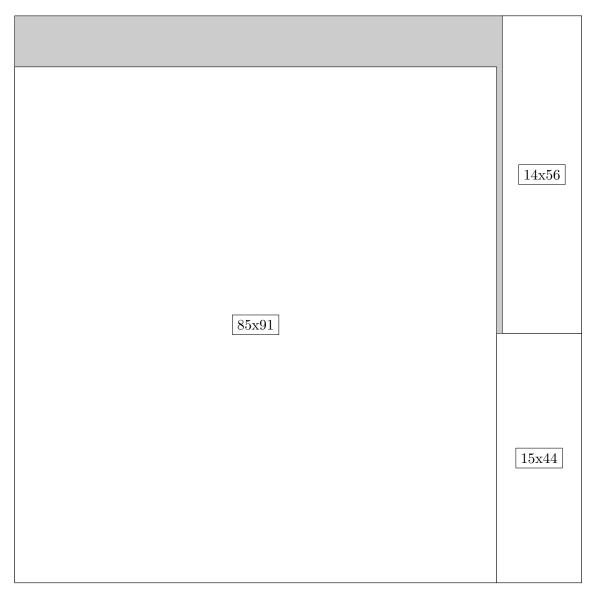
$$\le =45$$
 ,  $h=\!50$  ,  $x=\!55$  ,  $y=\!0$  ,  $v=\!2250$ 

$$w=\!44$$
 ,  $h=\!38$  ,  $x=\!56$  ,  $y=\!50$  ,  $v=\!1672$ 

$$\le =42$$
 ,  $h=12$  ,  $x=58$  ,  $y=88$  ,  $v=504$ 

$$\mathbf{w}$$
 =55 , h =67 , x =0 , y =0 , v =3685

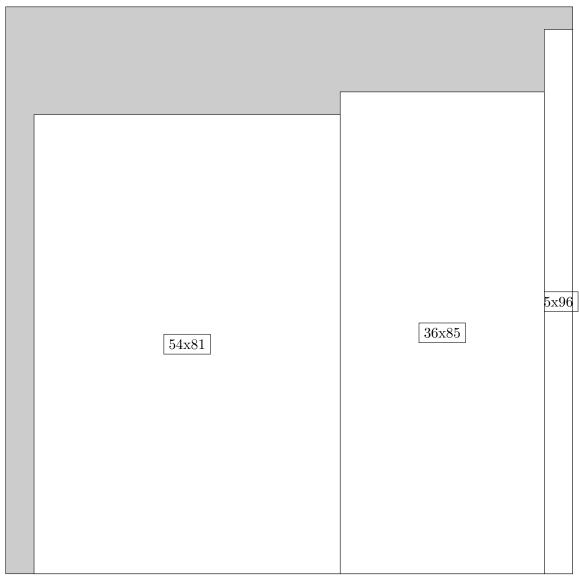
$$w = 48$$
,  $h = 33$ ,  $x = 7$ ,  $y = 67$ ,  $v = 1584$ 



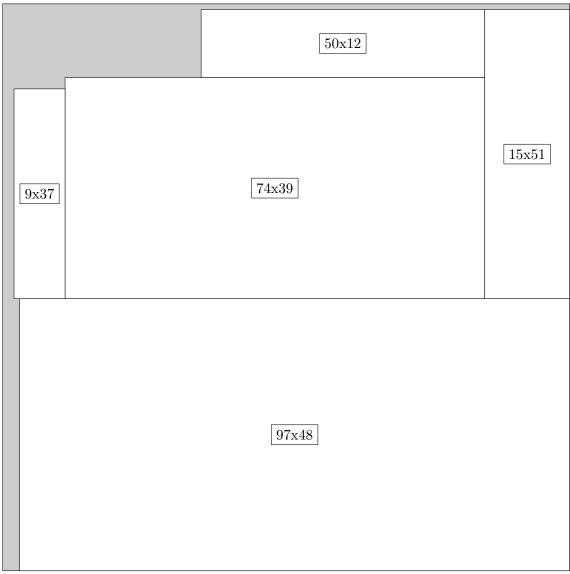
$$w = 15$$
,  $h = 44$ ,  $x = 85$ ,  $y = 0$ ,  $v = 660$ 

$$w$$
 =14 ,  $h$  =56 ,  $x$  =86 ,  $y$  =44 ,  $v$  =784

$$\le =85$$
 , h =91 , x =0 , y =0 , v =7735



 $\begin{array}{l} w = 5 \ , \ h = \! 96 \ , \ x = \! 95 \ , \ y = \! 0 \ , \ v = \! 480 \\ w = \! 36 \ , \ h = \! 85 \ , \ x = \! 59 \ , \ y = \! 0 \ , \ v = \! 3060 \\ w = \! 54 \ , \ h = \! 81 \ , \ x = \! 5 \ , \ y = \! 0 \ , \ v = \! 4374 \end{array}$ 



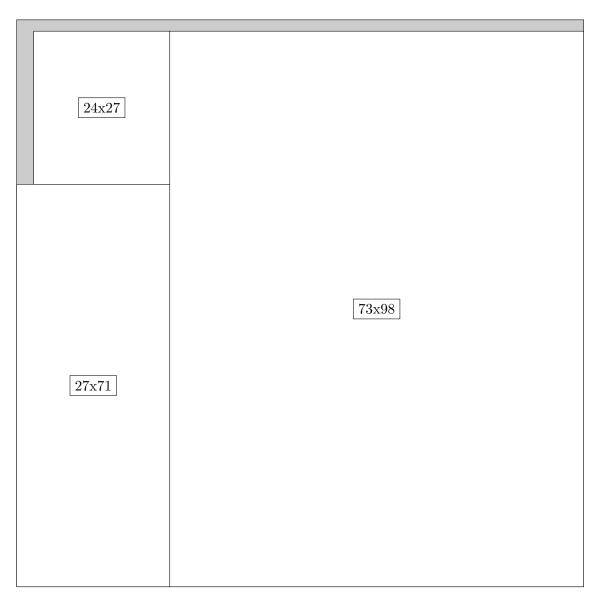
$$\le =97$$
 , h =48 , x =3 , y =0 , v =4656

$$\le =15$$
 ,  $h$  =51 ,  $x$  =85 ,  $y$  =48 ,  $v$  =765

$$w$$
 =74 ,  $h$  =39 ,  $x$  =11 ,  $y$  =48 ,  $v$  =2886

$$w$$
 =50 , h =12 , x =35 , y =87 , v =600

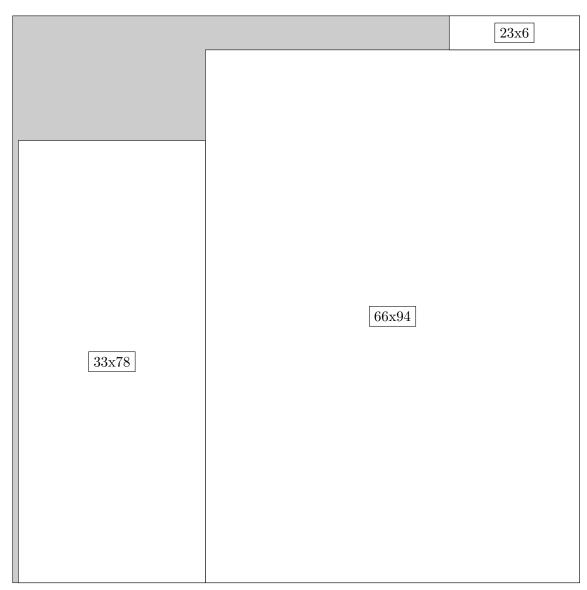
$$w = 9$$
,  $h = 37$ ,  $x = 2$ ,  $y = 48$ ,  $v = 333$ 



$$w$$
 =73 ,  $h$  =98 ,  $x$  =27 ,  $y$  =0 ,  $v$  =7154

$$\le =27$$
 ,  $h$  =71 ,  $x$  =0 ,  $y$  =0 ,  $v$  =1917

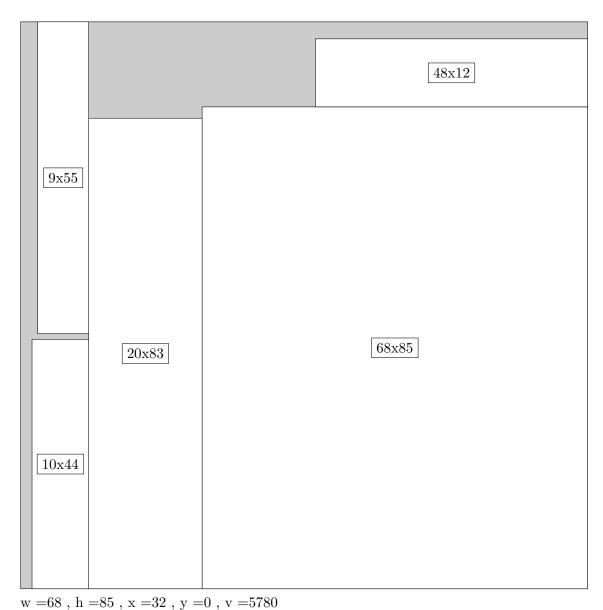
$$\le =24$$
 , h =27 , x =3 , y =71 , v =648



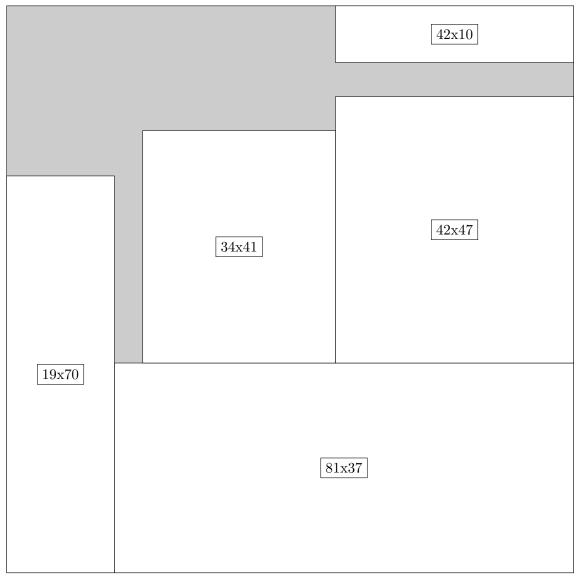
w = 66, h = 94, x = 34, y = 0, v = 6204

 $\le =23$  , h =6 , x =77 , y =94 , v =138

 $\le =33$  , h =78 , x =1 , y =0 , v =2574



w = 9, h = 55, x = 3, y = 45, v = 495



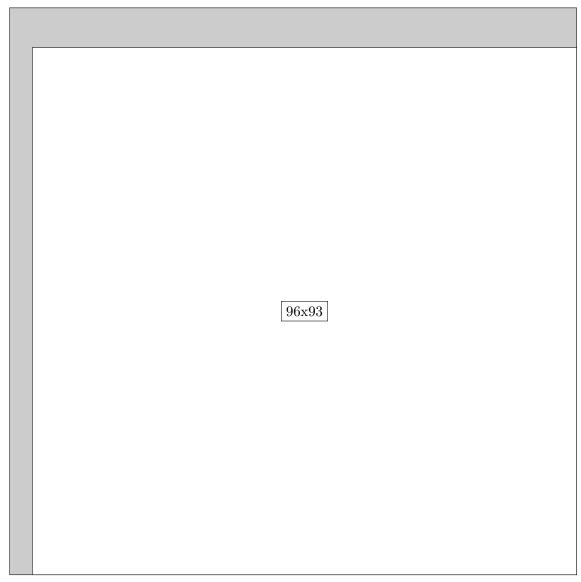
$$\le =81$$
 ,  $h=37$  ,  $x=19$  ,  $y=0$  ,  $v=2997$ 

$$\le =42$$
 ,  $h=47$  ,  $x=58$  ,  $y=37$  ,  $v=1974$ 

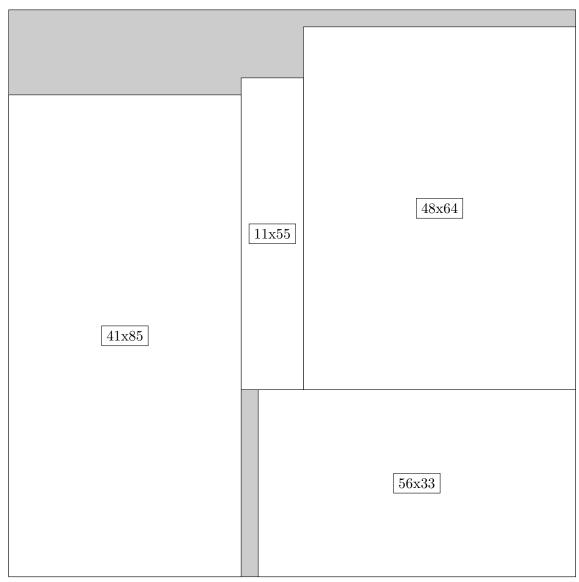
$$\le =34$$
 , h =41 , x =24 , y =37 , v =1394

$$\le =42$$
 ,  $h$  =10 ,  $x$  =58 ,  $y$  =90 ,  $v$  =420

$$\mathbf{w}$$
 =19 , h =70 , x =0 , y =0 , v =1330



 $\le =96$  , h =93 , x =4 , y =0 , v =8928

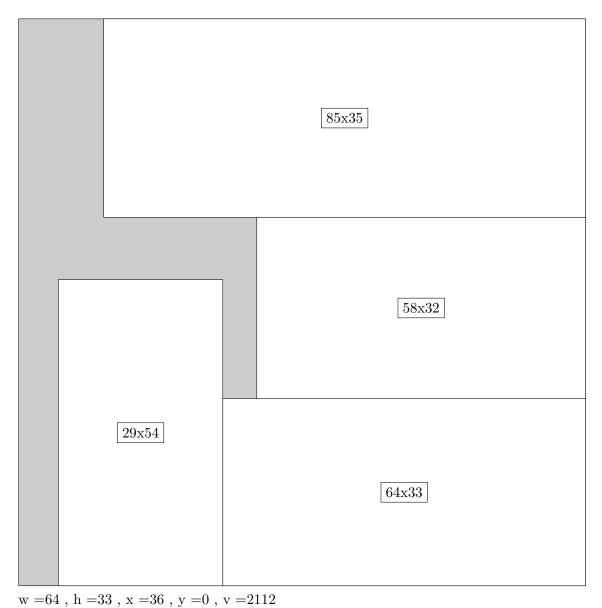


$$\le =56$$
 , h =33 , x =44 , y =0 , v =1848

$$\le =48$$
 ,  $h=64$  ,  $x=52$  ,  $y=33$  ,  $v=3072$ 

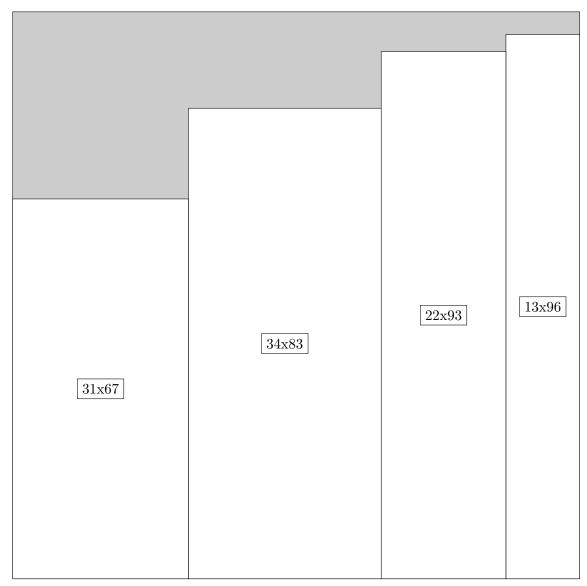
$$\le =11$$
 ,  $h=55$  ,  $x=41$  ,  $y=33$  ,  $v=605$ 

$$\le =41$$
 ,  $h=85$  ,  $x=0$  ,  $y=0$  ,  $v=3485$ 



$$w = 29$$
,  $h = 54$ ,  $x = 7$ ,  $y = 0$ ,  $v = 1566$ 

$$\le =85$$
 , h =35 , x =15 , y =65 , v =2975

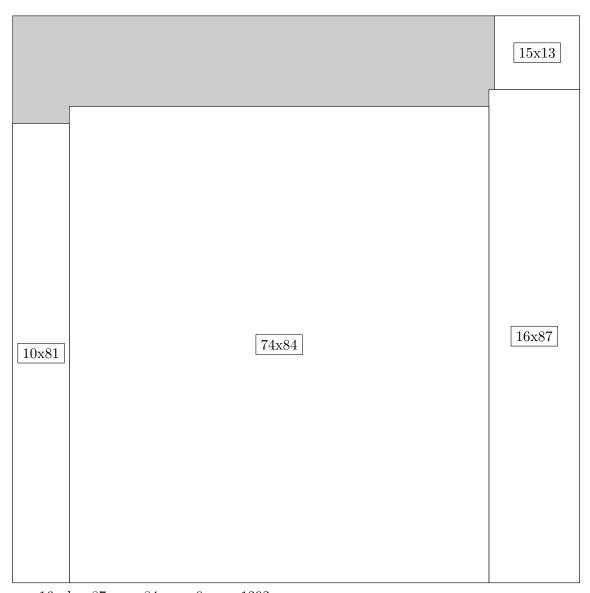


w = 13, h = 96, x = 87, y = 0, v = 1248

w = 22, h = 93, x = 65, y = 0, v = 2046

 $\le =34$  , h =83 , x =31 , y =0 , v =2822

 $\mathbf{w}$  =31 , h =67 , x =0 , y =0 , v =2077



$$\begin{array}{l} w = \! 16 \ , \ h = \! 87 \ , \ x = \! 84 \ , \ y = \! 0 \ , \ v = \! 1392 \\ w = \! 15 \ , \ h = \! 13 \ , \ x = \! 85 \ , \ y = \! 87 \ , \ v = \! 195 \\ w = \! 74 \ , \ h = \! 84 \ , \ x = \! 10 \ , \ y = \! 0 \ , \ v = \! 6216 \end{array}$$

 $\le =10$  ,  $h=\! 81$  ,  $x=\! 0$  ,  $y=\! 0$  ,  $v=\! 810$