${\bf ClassName:}~{\bf Class\_08.2bp\text{-}32}$ 

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

TypeNum:  $\underline{80}$ Num:  $\underline{80}$ OutS:  $\underline{210000}$ InS:  $\underline{173150}$ Rate:  $\underline{0.825}$ UB:  $\underline{21}$ 

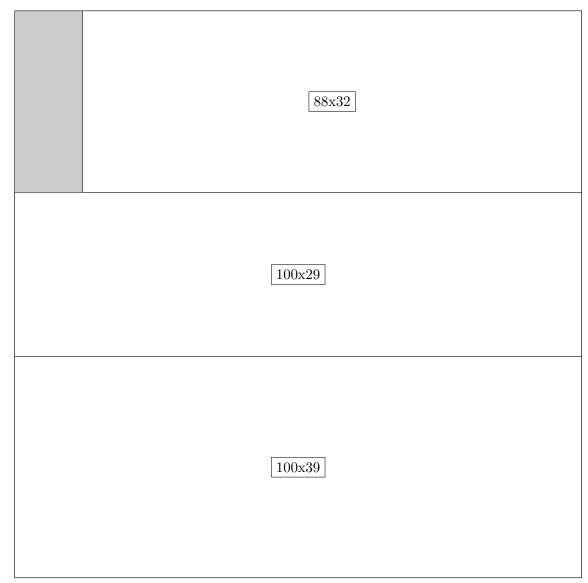
UB: <u>21</u> LB: <u>21</u>

LBWithCut:  $\underline{21}$  NodeCount:  $\underline{0}$  PrimalNode:  $\underline{0}$  ColumnCount:  $\underline{66}$  TotalCutCount:  $\underline{0}$  RootCutCount:  $\underline{0}$  LPSolverCnt:  $\underline{46}$  PricingSolverCnt:  $\underline{46}$  BranchAndBoundNum:  $\underline{1}$ 

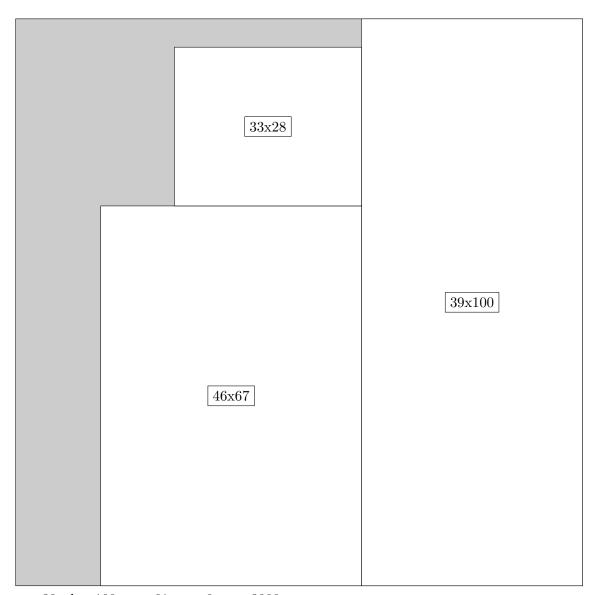
isOpt: false

TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{2999.769 \text{ s}}$ 

TimeOnRmp:  $\underline{0.081 \text{ s}}$ TotalTime:  $\underline{2999.991 \text{ s}}$ 



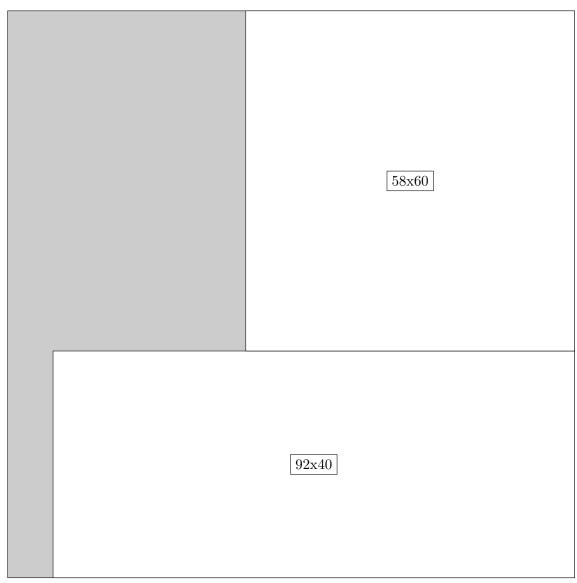
$$\begin{array}{l} w = \! 100 \ , \ h = \! 39 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3900 \\ w = \! 100 \ , \ h = \! 29 \ , \ x = \! 0 \ , \ y = \! 39 \ , \ v = \! 2900 \\ w = \! 88 \ , \ h = \! 32 \ , \ x = \! 12 \ , \ y = \! 68 \ , \ v = \! 2816 \end{array}$$



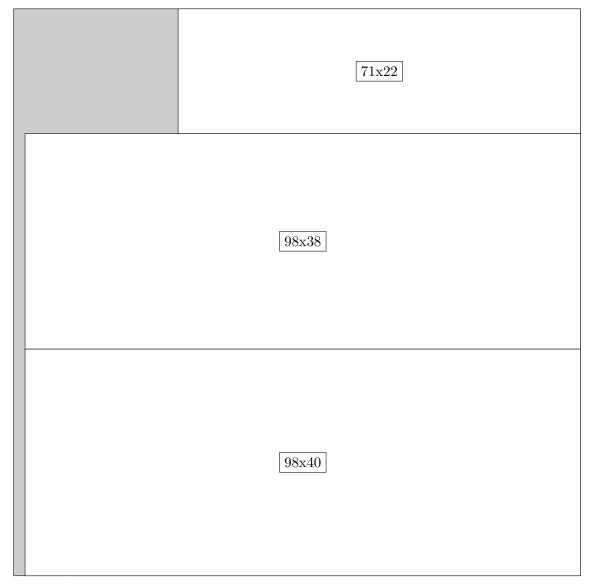
$$\le =39$$
 , h =100 , x =61 , y =0 , v =3900

$$\le =46$$
 ,  $h=67$  ,  $x=15$  ,  $y=0$  ,  $v=3082$ 

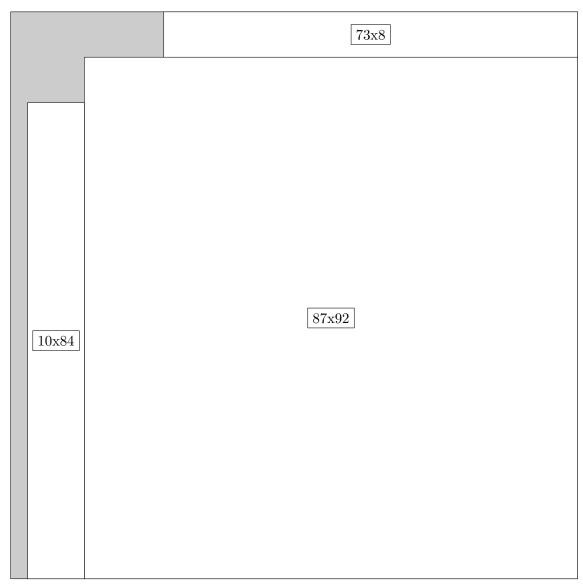
$$\le =33$$
 ,  $h=28$  ,  $x=28$  ,  $y=67$  ,  $v=924$ 



$$\begin{array}{l} w = 92 \; , \; h = \!\! 40 \; , \; x = \!\! 8 \; , \; y = \!\! 0 \; , \; v = \!\! 3680 \\ w = \!\! 58 \; , \; h = \!\! 60 \; , \; x = \!\! 42 \; , \; y = \!\! 40 \; , \; v = \!\! 3480 \end{array}$$



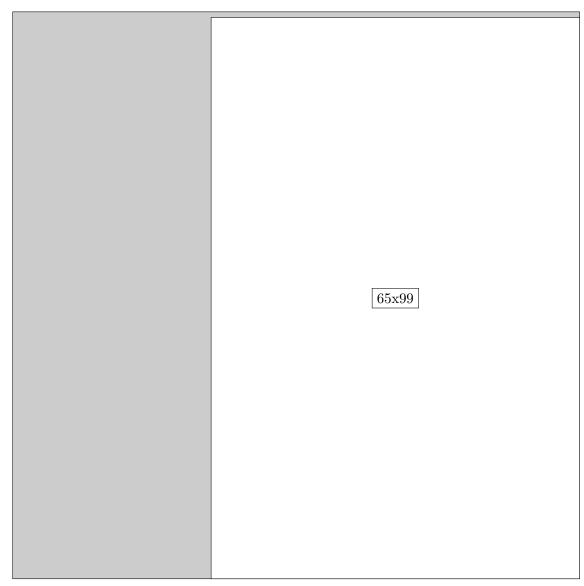
$$\begin{array}{l} w = \! 98 \ , \ h = \! 40 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 3920 \\ w = \! 98 \ , \ h = \! 38 \ , \ x = \! 2 \ , \ y = \! 40 \ , \ v = \! 3724 \\ w = \! 71 \ , \ h = \! 22 \ , \ x = \! 29 \ , \ y = \! 78 \ , \ v = \! 1562 \end{array}$$



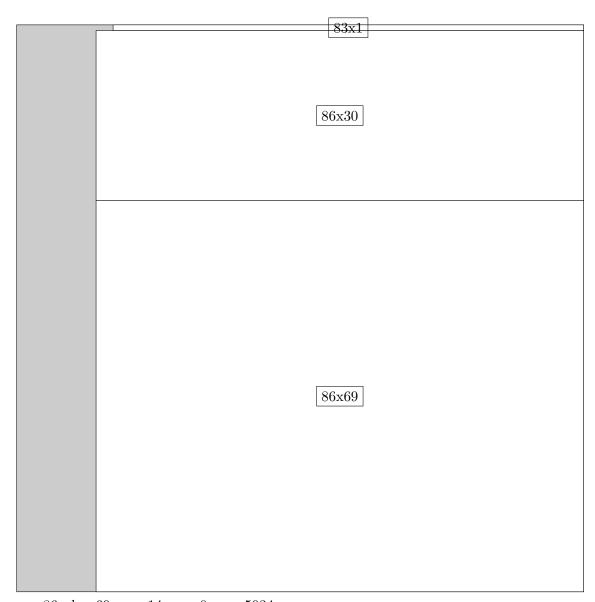
$$w$$
 =87 ,  $h$  =92 ,  $x$  =13 ,  $y$  =0 ,  $v$  =8004

$$\le =10$$
 ,  $h=84$  ,  $x=3$  ,  $y=0$  ,  $v=840$ 

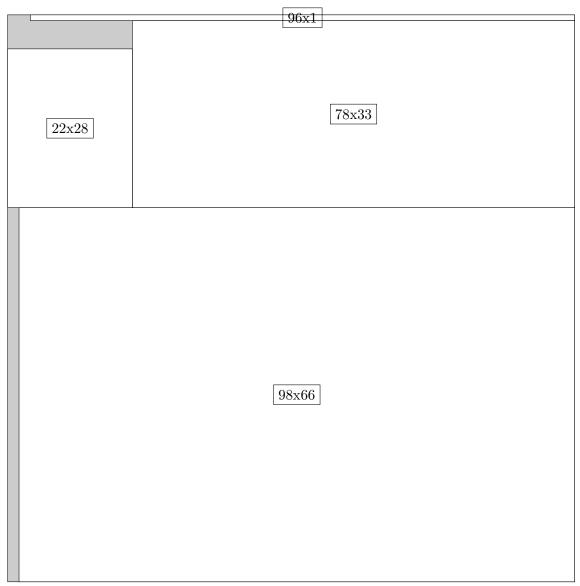
$$\le =73$$
 , h =8 , x =27 , y =92 , v =584



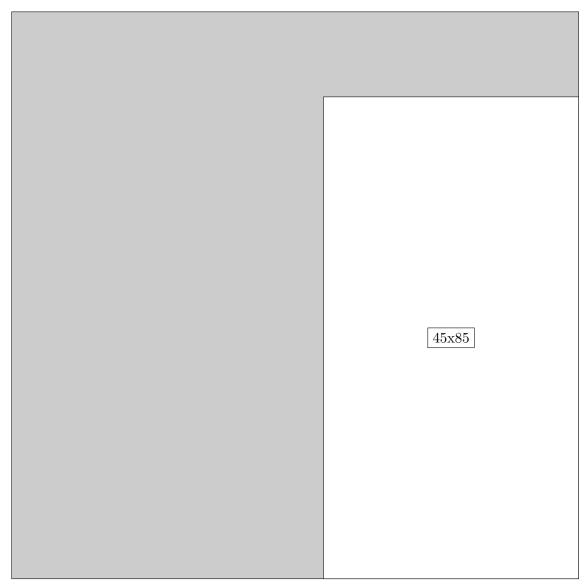
 $\le =65$  , h =99 , x =35 , y =0 , v =6435



 $\begin{array}{l} w = & 86 \ , \ h = & 69 \ , \ x = & 14 \ , \ y = & 0 \ , \ v = & 5934 \\ w = & 86 \ , \ h = & 30 \ , \ x = & 14 \ , \ y = & 69 \ , \ v = & 2580 \\ w = & 83 \ , \ h = & 1 \ , \ x = & 17 \ , \ y = & 99 \ , \ v = & 83 \end{array}$ 



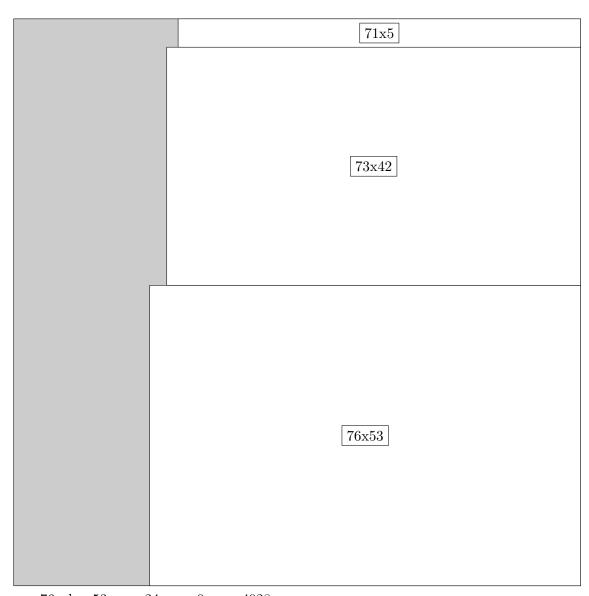
$$\begin{array}{l} w = 98 \; , \, h = 66 \; , \, x = 2 \; , \, y = 0 \; , \, v = 6468 \\ w = 78 \; , \, h = 33 \; , \, x = 22 \; , \, y = 66 \; , \, v = 2574 \\ w = 22 \; , \, h = 28 \; , \, x = 0 \; , \, y = 66 \; , \, v = 616 \\ w = 96 \; , \, h = 1 \; , \, x = 4 \; , \, y = 99 \; , \, v = 96 \end{array}$$

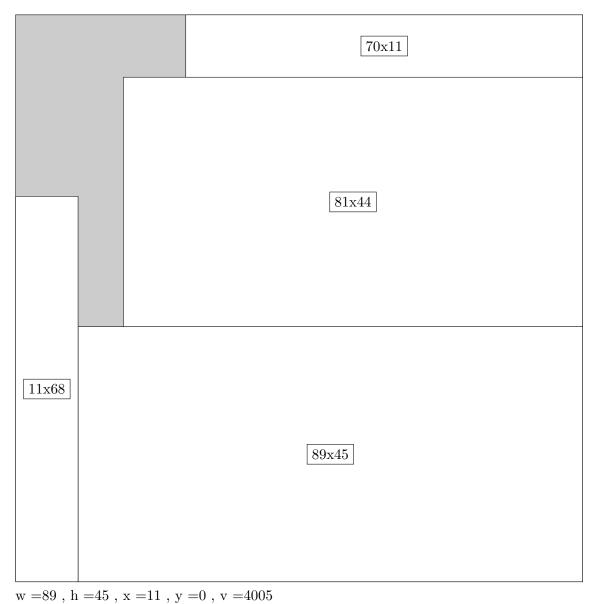


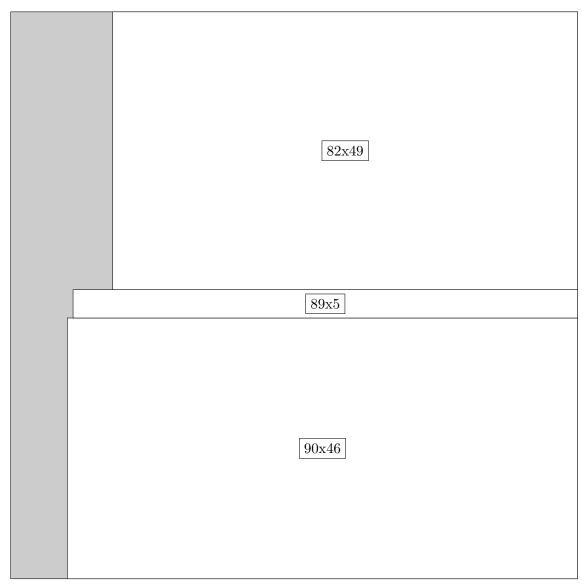
 $\le =45$  , h = 85 , x = 55 , y = 0 , v = 3825



 $\begin{array}{l} w = \! 93 \; , \; h = \! 48 \; , \; x = \! 7 \; , \; y = \! 0 \; , \; v = \! 4464 \\ w = \! 88 \; , \; h = \! 52 \; , \; x = \! 12 \; , \; y = \! 48 \; , \; v = \! 4576 \\ w = \! 6 \; , \; h = \! 82 \; , \; x = \! 1 \; , \; y = \! 0 \; , \; v = \! 492 \end{array}$ 



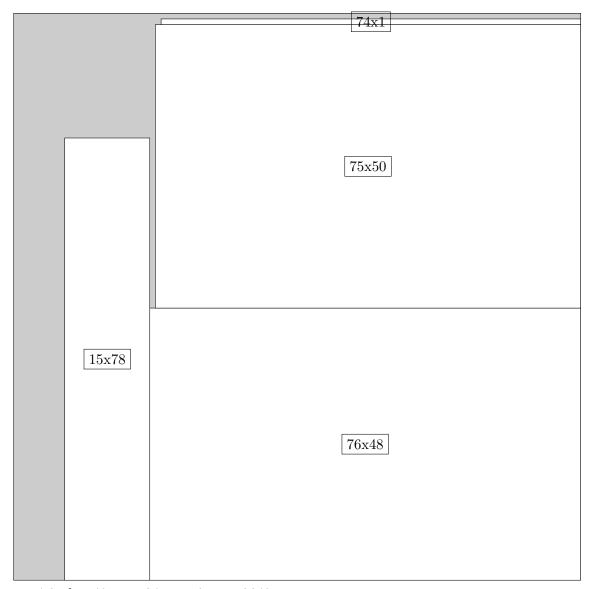


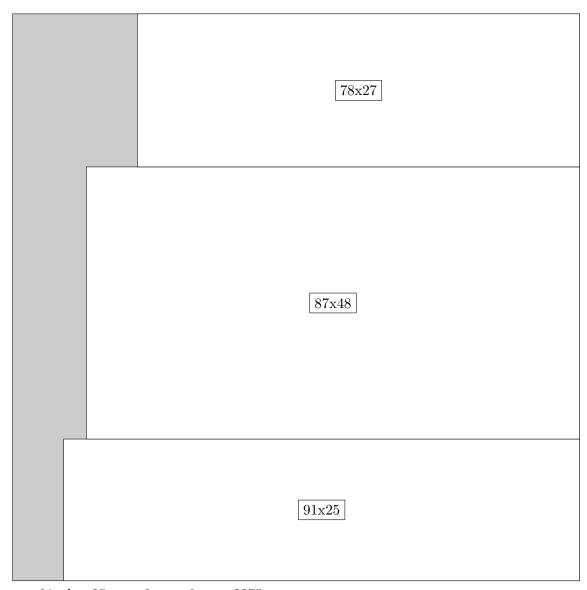


$$w = 90$$
,  $h = 46$ ,  $x = 10$ ,  $y = 0$ ,  $v = 4140$ 

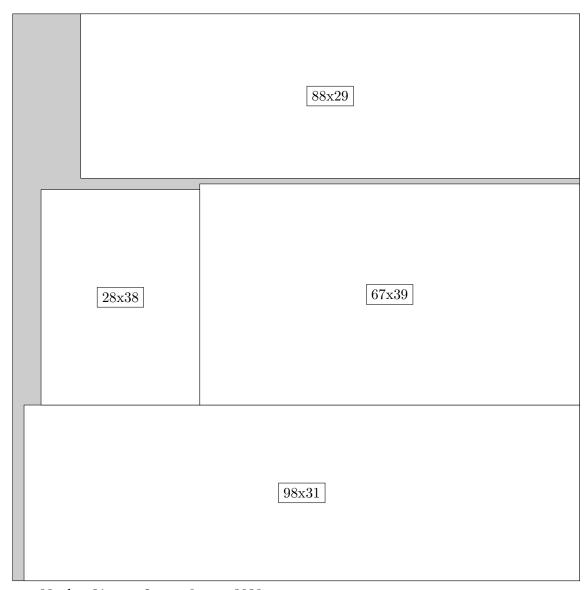
$$\le =89$$
 , h =5 , x =11 , y =46 , v =445

$$\le =82$$
 , h =49 , x =18 , y =51 , v =4018





$$\begin{array}{l} w = \! 91 \ , \ h = \! 25 \ , \ x = \! 9 \ , \ y = \! 0 \ , \ v = \! 2275 \\ w = \! 87 \ , \ h = \! 48 \ , \ x = \! 13 \ , \ y = \! 25 \ , \ v = \! 4176 \\ w = \! 78 \ , \ h = \! 27 \ , \ x = \! 22 \ , \ y = \! 73 \ , \ v = \! 2106 \end{array}$$

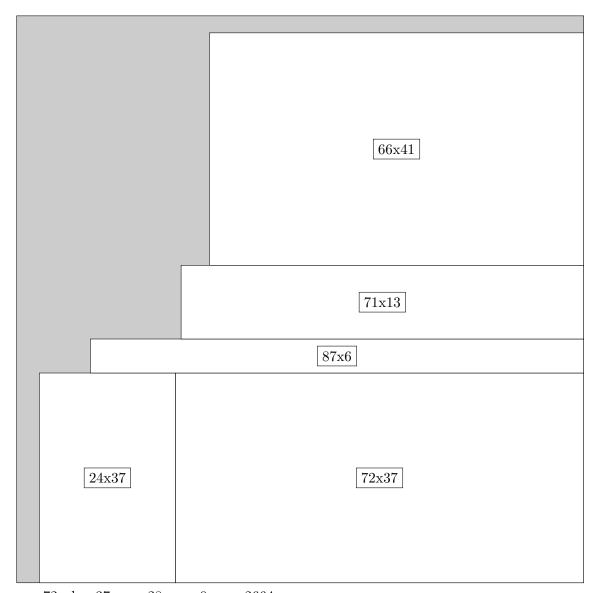


$$\le =98$$
 , h =31 , x =2 , y =0 , v =3038

$$\le =67$$
 , h =39 , x =33 , y =31 , v =2613

$$\le =28$$
 , h =38 , x =5 , y =31 , v =1064

$$\le =88$$
 , h =29 , x =12 , y =71 , v =2552



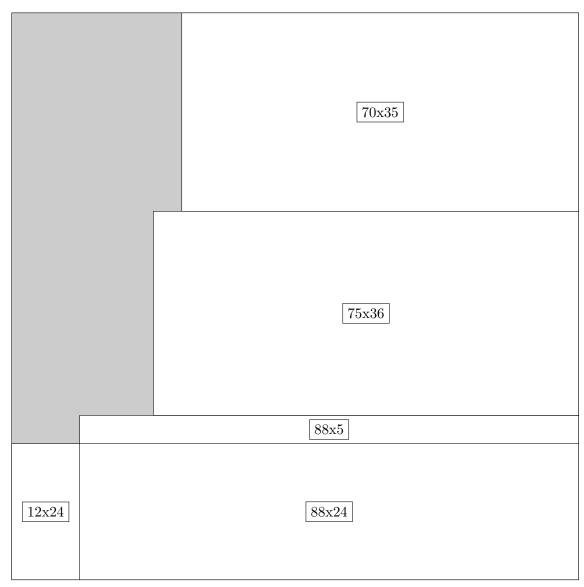
$$\le =72$$
 , h =37 , x =28 , y =0 , v =2664

$$\le =24$$
 , h =37 , x =4 , y =0 , v =888

$$\le =87$$
 , h =6 , x =13 , y =37 , v =522

$$\le =71$$
 , h =13 , x =29 , y =43 , v =923

$$\le =66$$
 , h =41 , x =34 , y =56 , v =2706



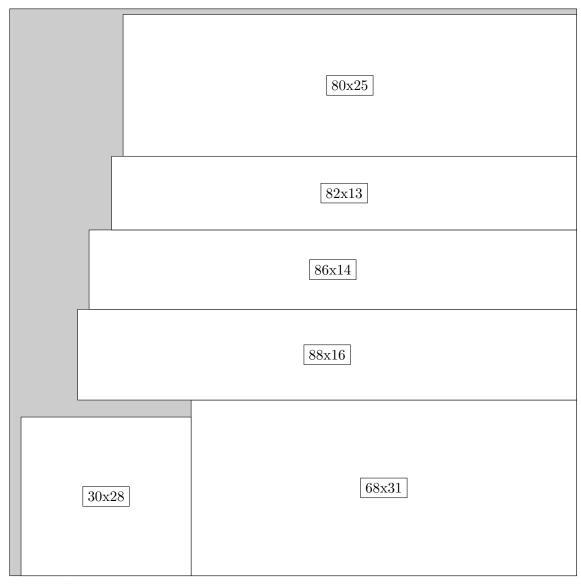
$$w$$
 =88 ,  $h$  =24 ,  $x$  =12 ,  $y$  =0 ,  $v$  =2112

$$\mathbf{w}$$
 =12 , h =24 , x =0 , y =0 , v =288

$$\le =88$$
 ,  $h$  =5 ,  $x$  =12 ,  $y$  =24 ,  $v$  =440

$$\le =75$$
 , h =36 , x =25 , y =29 , v =2700

$$\le =70$$
 , h =35 , x =30 , y =65 , v =2450



$$w = 68$$
,  $h = 31$ ,  $x = 32$ ,  $y = 0$ ,  $v = 2108$ 

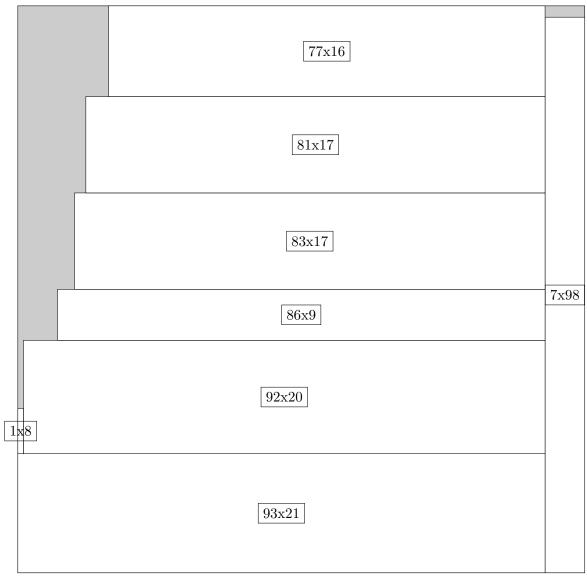
$$\le =30$$
 , h =28 , x =2 , y =0 , v =840

$$\le =88$$
 ,  $h$  =16 ,  $x$  =12 ,  $y$  =31 ,  $v$  =1408

$$w$$
 =86 ,  $h$  =14 ,  $x$  =14 ,  $y$  =47 ,  $v$  =1204

$$\le =82$$
 ,  $h=13$  ,  $x=18$  ,  $y=61$  ,  $v=1066$ 

$$w$$
 =80 ,  $h$  =25 ,  $x$  =20 ,  $y$  =74 ,  $v$  =2000



$$\mathbf{w}$$
 =7 , h =98 , x =93 , y =0 , v =686

$$\le =93$$
 ,  $h$  =21 ,  $x$  =0 ,  $y$  =0 ,  $v$  =1953

$$\le =92$$
 , h =20 , x =1 , y =21 , v =1840

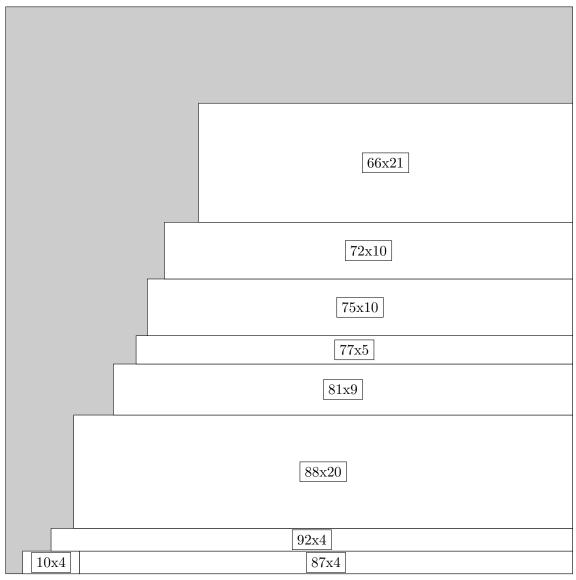
$$\mathbf{w}$$
 =1 , h =8 , x =0 , y =21 , v =8

$$\le =86$$
 ,  $h=9$  ,  $x=7$  ,  $y=41$  ,  $v=774$ 

$$w$$
 =83 ,  $h$  =17 ,  $x$  =10 ,  $y$  =50 ,  $v$  =1411

$$w$$
 =81 ,  $h$  =17 ,  $x$  =12 ,  $y$  =67 ,  $v$  =1377

$$w$$
 =77 ,  $h$  =16 ,  $x$  =16 ,  $y$  =84 ,  $v$  =1232



$$w = 87$$
,  $h = 4$ ,  $x = 13$ ,  $y = 0$ ,  $v = 348$ 

$$w=\!10$$
 ,  $h=\!\!4$  ,  $x=\!\!3$  ,  $y=\!\!0$  ,  $v=\!\!40$ 

$$w = 92$$
,  $h = 4$ ,  $x = 8$ ,  $y = 4$ ,  $v = 368$ 

$$w = 88$$
,  $h = 20$ ,  $x = 12$ ,  $y = 8$ ,  $v = 1760$ 

$$\le =81$$
 ,  $h$  =9 ,  $x$  =19 ,  $y$  =28 ,  $v$  =729

$$w$$
 =77 , h =5 , x =23 , y =37 , v =385

$$w = 75$$
,  $h = 10$ ,  $x = 25$ ,  $y = 42$ ,  $v = 750$ 

$$w = 72$$
,  $h = 10$ ,  $x = 28$ ,  $y = 52$ ,  $v = 720$ 

$$w = 66$$
,  $h = 21$ ,  $x = 34$ ,  $y = 62$ ,  $v = 1386$