$ClassName: \ Class\_07.2bp-36$ 

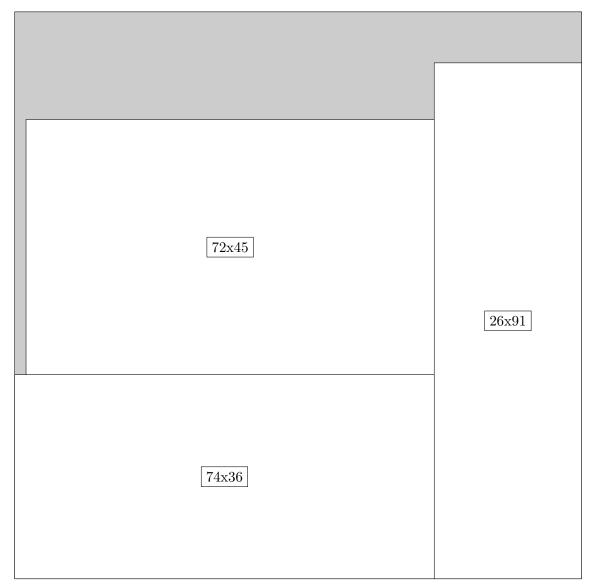
BinSize:  $\underline{100 \times 100}$ ReduceSize:  $\underline{100 \times 100}$ 

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>240000</u> InS: <u>206353</u> Rate: <u>0.860</u> UB: <u>24</u> LB: <u>24</u>

LBWithCut:  $\underline{\mathbf{24}}$ NodeCount:  $\underline{\mathbf{0}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{24}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

isOpt: **true** 

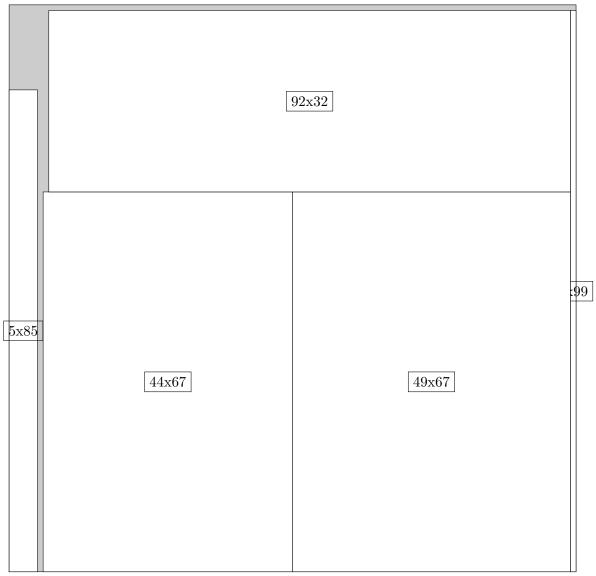
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 0.219 s



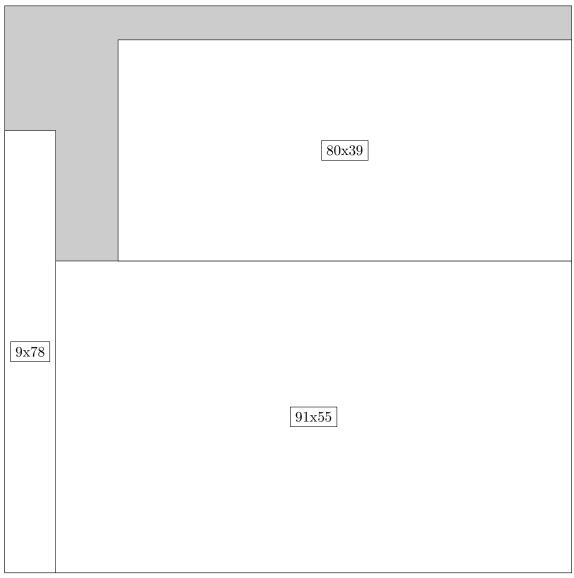
$$w = 26 \ , \ h = 91 \ , \ x = 74 \ , \ y = 0 \ , \ v = 2366$$

$$\le =74$$
 , h =36 , x =0 , y =0 , v =2664

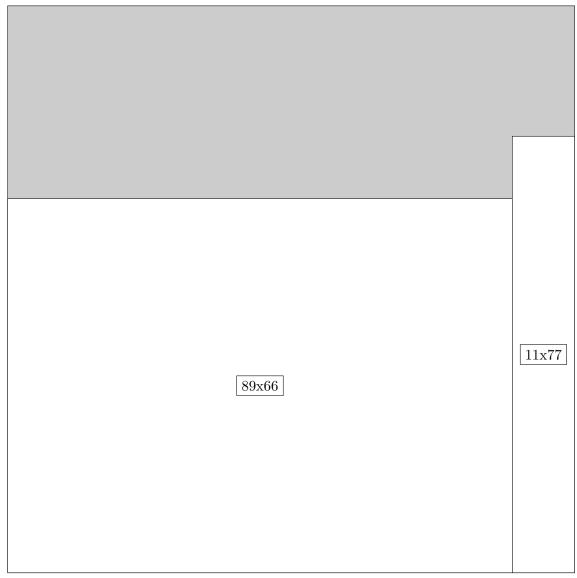
$$\le =72$$
 , h =45 , x =2 , y =36 , v =3240

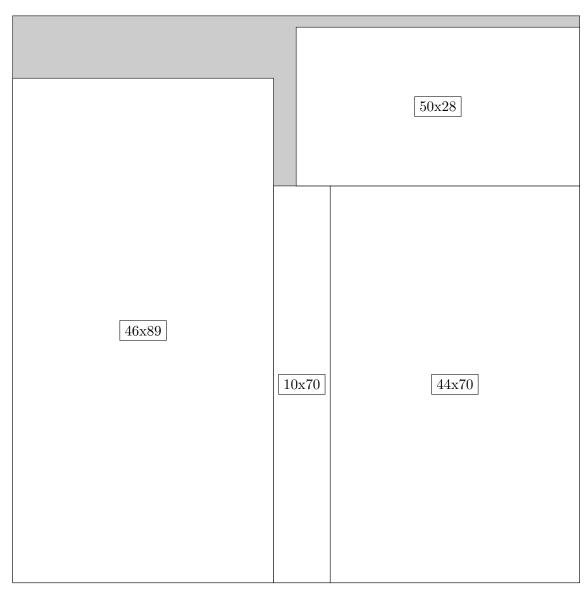


$$\begin{array}{l} w=1\ ,\ h=\!99\ ,\ x=\!99\ ,\ y=\!0\ ,\ v=\!99\\ w=\!49\ ,\ h=\!67\ ,\ x=\!50\ ,\ y=\!0\ ,\ v=\!3283\\ w=\!44\ ,\ h=\!67\ ,\ x=\!6\ ,\ y=\!0\ ,\ v=\!2948\\ w=\!92\ ,\ h=\!32\ ,\ x=\!7\ ,\ y=\!67\ ,\ v=\!2944\\ w=\!5\ ,\ h=\!85\ ,\ x=\!0\ ,\ y=\!0\ ,\ v=\!425\\ \end{array}$$



$$\begin{array}{l} w = \! 91 \; , \; h = \! 55 \; , \; x = \! 9 \; , \; y = \! 0 \; , \; v = \! 5005 \\ w = \! 80 \; , \; h = \! 39 \; , \; x = \! 20 \; , \; y = \! 55 \; , \; v = \! 3120 \\ w = \! 9 \; , \; h = \! 78 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 702 \end{array}$$



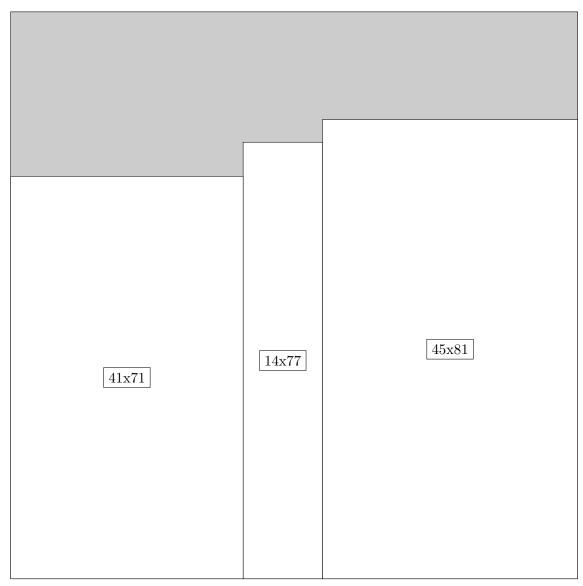


$$\le =44$$
 , h =70 , x =  
56 , y =0 , v =  
3080

$$\le =10$$
 ,  $h$  =70 ,  $x$  =46 ,  $y$  =0 ,  $v$  =700

$$\le =50$$
 ,  $h$  =28 ,  $x$  =50 ,  $y$  =70 ,  $v$  =1400

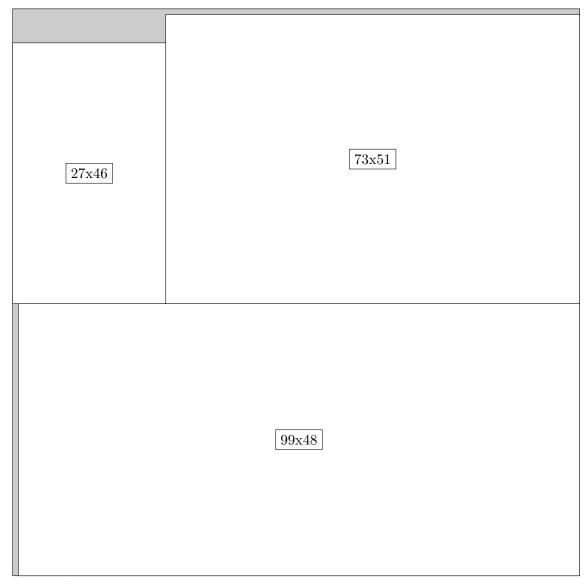
$$\mathbf{w}$$
 =46 , h =89 , x =0 , y =0 , v =4094



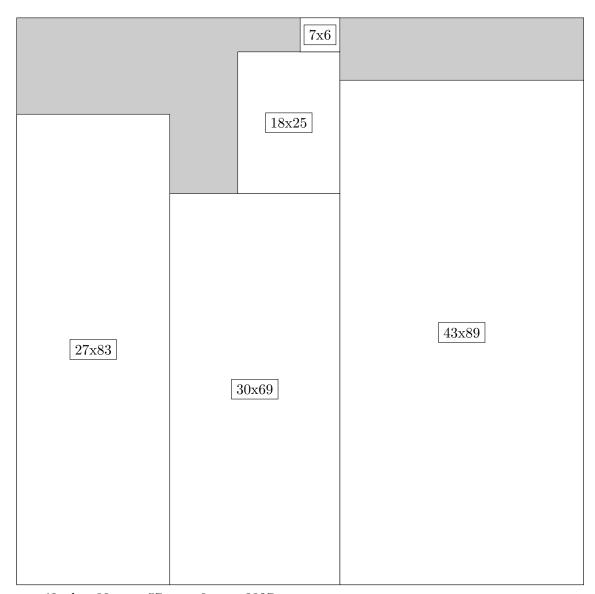
$$w = 45$$
,  $h = 81$ ,  $x = 55$ ,  $y = 0$ ,  $v = 3645$ 

$$\mathbf{w}$$
 =14 , h =77 , x =41 , y =0 , v =1078

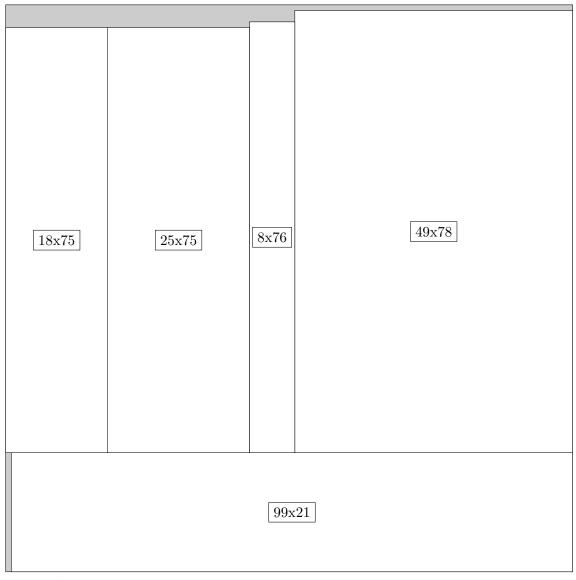
$$\le =41$$
 ,  $h$  =71 ,  $x$  =0 ,  $y$  =0 ,  $v$  =2911



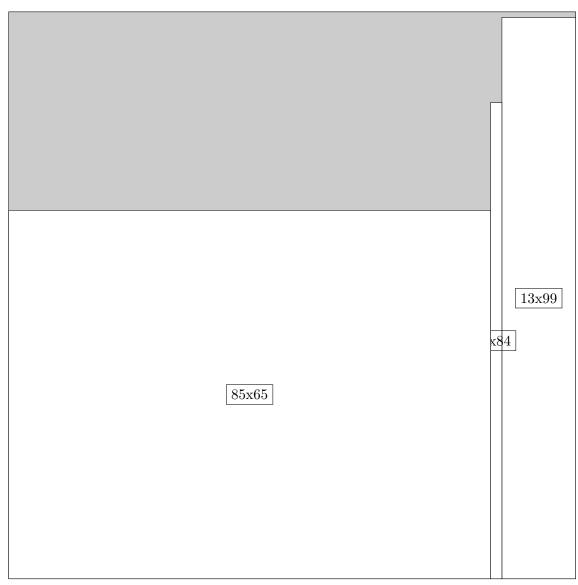
$$\begin{array}{l} w = 99 \ , \ h = \!\! 48 \ , \ x = \!\! 1 \ , \ y = \!\! 0 \ , \ v = \!\! 4752 \\ w = \!\! 73 \ , \ h = \!\! 51 \ , \ x = \!\! 27 \ , \ y = \!\! 48 \ , \ v = \!\! 3723 \\ w = \!\! 27 \ , \ h = \!\! 46 \ , \ x = \!\! 0 \ , \ y = \!\! 48 \ , \ v = \!\! 1242 \end{array}$$



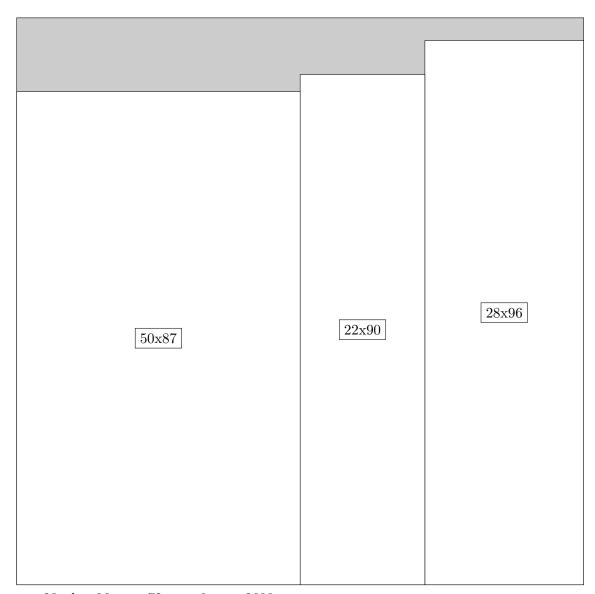
 $\begin{array}{l} w = \! 43 \ , \ h = \! 89 \ , \ x = \! 57 \ , \ y = \! 0 \ , \ v = \! 3827 \\ w = \! 30 \ , \ h = \! 69 \ , \ x = \! 27 \ , \ y = \! 0 \ , \ v = \! 2070 \\ w = \! 18 \ , \ h = \! 25 \ , \ x = \! 39 \ , \ y = \! 69 \ , \ v = \! 450 \\ w = \! 7 \ , \ h = \! 6 \ , \ x = \! 50 \ , \ y = \! 94 \ , \ v = \! 42 \\ w = \! 27 \ , \ h = \! 83 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2241 \end{array}$ 



$$\begin{array}{l} w = 99 \; , \; h = 21 \; , \; x = 1 \; , \; y = 0 \; , \; v = 2079 \\ w = 49 \; , \; h = 78 \; , \; x = 51 \; , \; y = 21 \; , \; v = 3822 \\ w = 8 \; , \; h = 76 \; , \; x = 43 \; , \; y = 21 \; , \; v = 608 \\ w = 25 \; , \; h = 75 \; , \; x = 18 \; , \; y = 21 \; , \; v = 1875 \\ w = 18 \; , \; h = 75 \; , \; x = 0 \; , \; y = 21 \; , \; v = 1350 \end{array}$$

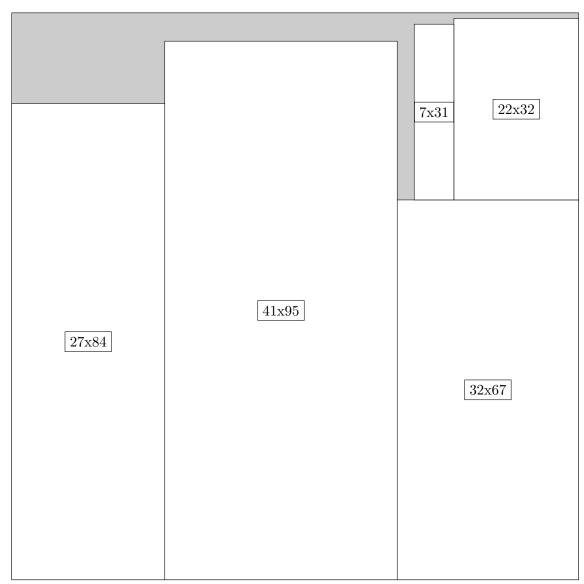


 $\begin{array}{l} w = \! 13 \ , \ h = \! 99 \ , \ x = \! 87 \ , \ y = \! 0 \ , \ v = \! 1287 \\ w = \! 2 \ , \ h = \! 84 \ , \ x = \! 85 \ , \ y = \! 0 \ , \ v = \! 168 \\ w = \! 85 \ , \ h = \! 65 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5525 \end{array}$ 

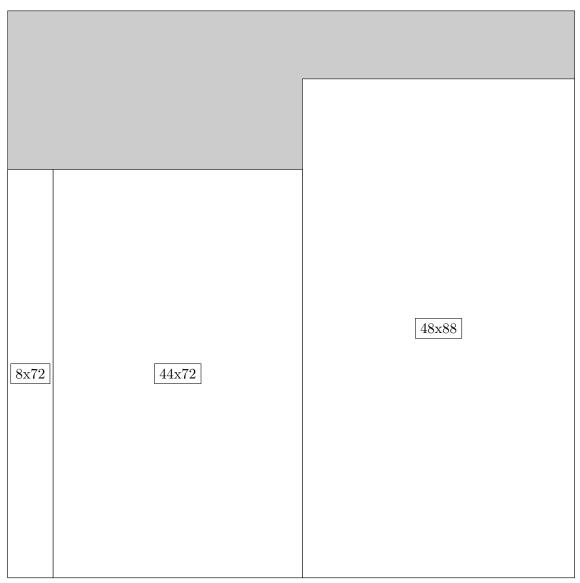


$$\begin{array}{l} w = \! 28 \ , \ h = \! 96 \ , \ x = \! 72 \ , \ y = \! 0 \ , \ v = \! 2688 \\ w = \! 22 \ , \ h = \! 90 \ , \ x = \! 50 \ , \ y = \! 0 \ , \ v = \! 1980 \end{array}$$

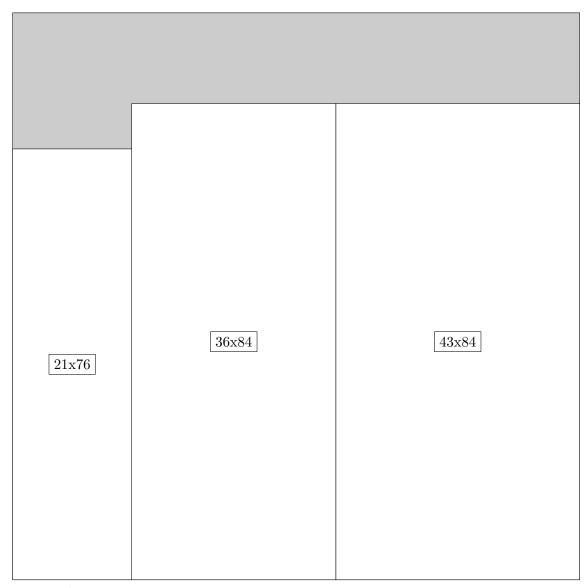
$$\le =50$$
 , h =87 , x =0 , y =0 , v =4350



$$\begin{array}{l} w = & 32 \ , \ h = & 67 \ , \ x = & 68 \ , \ y = & 0 \ , \ v = & 2144 \\ w = & 22 \ , \ h = & 32 \ , \ x = & 78 \ , \ y = & 67 \ , \ v = & 704 \\ w = & 7 \ , \ h = & 31 \ , \ x = & 71 \ , \ y = & 67 \ , \ v = & 217 \\ w = & 41 \ , \ h = & 95 \ , \ x = & 27 \ , \ y = & 0 \ , \ v = & 3895 \\ w = & 27 \ , \ h = & 84 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 2268 \end{array}$$

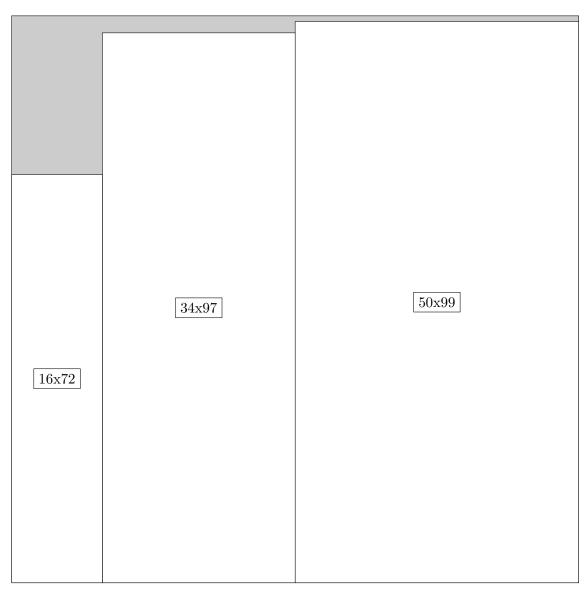


 $\begin{array}{l} w = \! 48 \ , \ h = \! 88 \ , \ x = \! 52 \ , \ y = \! 0 \ , \ v = \! 4224 \\ w = \! 44 \ , \ h = \! 72 \ , \ x = \! 8 \ , \ y = \! 0 \ , \ v = \! 3168 \\ w = \! 8 \ , \ h = \! 72 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 576 \end{array}$ 



 $\begin{array}{l} w = \! 43 \ , \ h = \! 84 \ , \ x = \! 57 \ , \ y = \! 0 \ , \ v = \! 3612 \\ w = \! 36 \ , \ h = \! 84 \ , \ x = \! 21 \ , \ y = \! 0 \ , \ v = \! 3024 \end{array}$ 

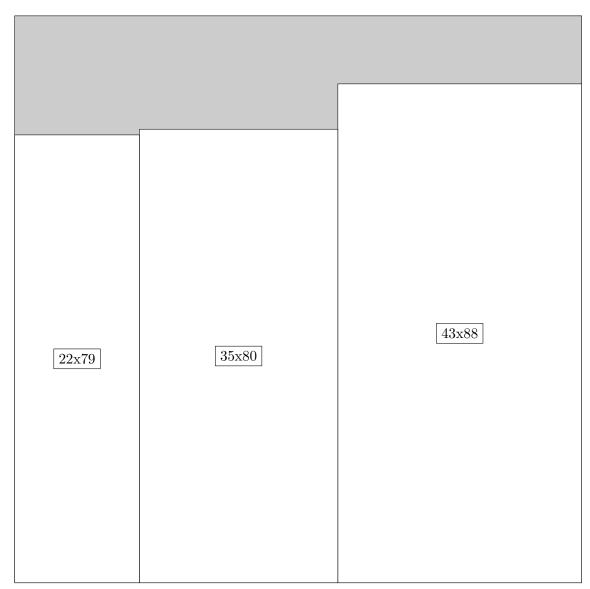
 $\mathbf{w}$  =21 , h =76 , x =0 , y =0 , v =1596



w = 50, h = 99, x = 50, y = 0, v = 4950

 $\le =34$  , h =97 , x =16 , y =0 , v =3298

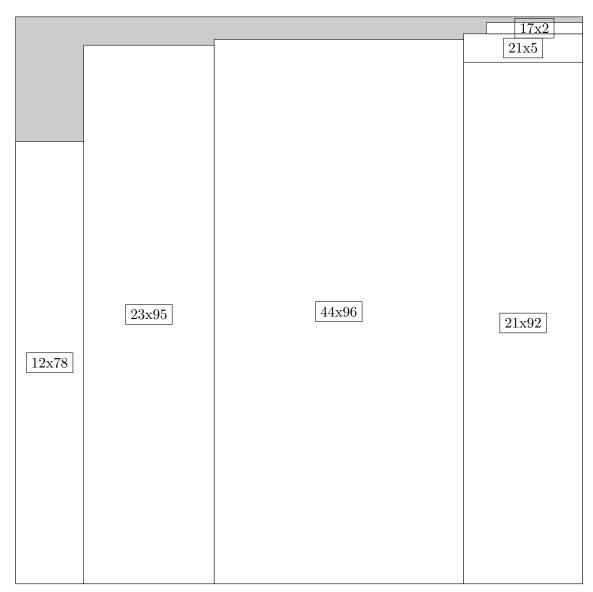
 $\mathbf{w}$  =16 , h =72 , x =0 , y =0 , v =1152



w = 43, h = 88, x = 57, y = 0, v = 3784

 $\le =35$  , h =80 , x =22 , y =0 , v =2800

w =22 , h =79 , x =0 , y =0 , v =1738



 $\le =21$  , h =92 , x =79 , y =0 , v =1932

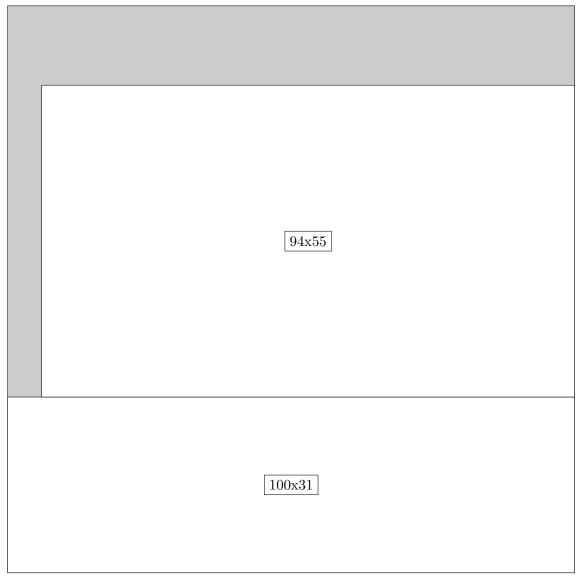
 $\le =21$  , h =5 , x =79 , y =92 , v =105

 $w=\!17$  ,  $h=\!2$  ,  $x=\!83$  ,  $y=\!97$  ,  $v=\!34$ 

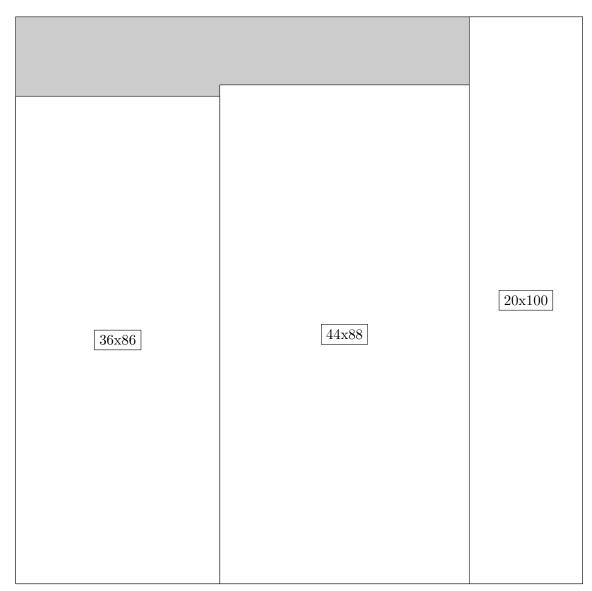
 $\mathbf{w}$  =44 , h =96 , x =35 , y =0 , v =4224

 $\le =23$  , h =95 , x =12 , y =0 , v =2185

 $\mathbf{w}$  =12 , h =78 , x =0 , y =0 , v =936



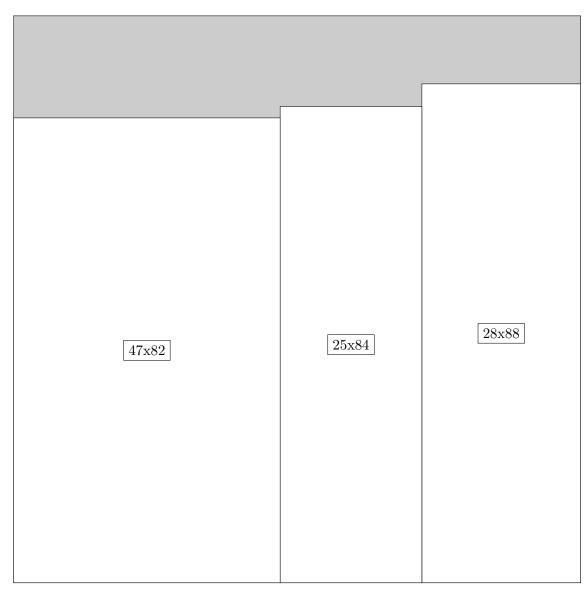
$$\begin{array}{l} w = \! 100 \ , \ h = \! 31 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3100 \\ w = \! 94 \ , \ h = \! 55 \ , \ x = \! 6 \ , \ y = \! 31 \ , \ v = \! 5170 \end{array}$$



$$w$$
 =20 ,  $h$  =100 ,  $x$  =80 ,  $y$  =0 ,  $v$  =2000

$$\le =44$$
 ,  $h=88$  ,  $x=36$  ,  $y=0$  ,  $v=3872$ 

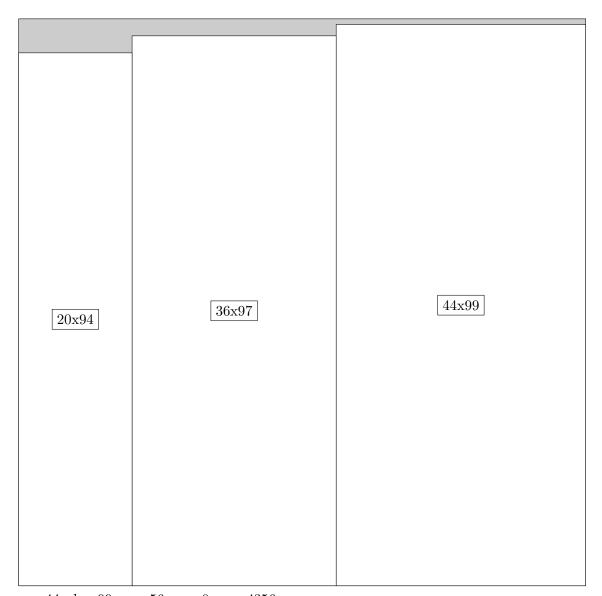
$$\le =36$$
 , h =86 , x =0 , y =0 , v =3096



$$w = 28$$
,  $h = 88$ ,  $x = 72$ ,  $y = 0$ ,  $v = 2464$ 

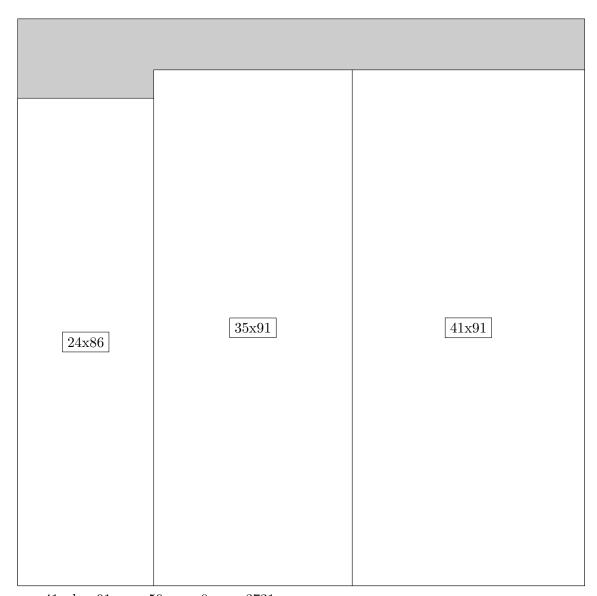
$$\le =25$$
 , h =84 , x =47 , y =0 , v =2100

$$\le =47$$
 ,  $h=82$  ,  $x=0$  ,  $y=0$  ,  $v=3854$ 

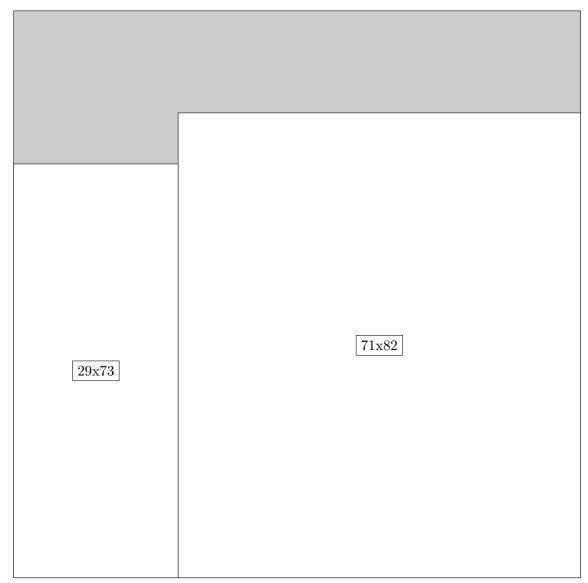


 $\begin{array}{l} w = \! 44 \ , \ h = \! 99 \ , \ x = \! 56 \ , \ y = \! 0 \ , \ v = \! 4356 \\ w = \! 36 \ , \ h = \! 97 \ , \ x = \! 20 \ , \ y = \! 0 \ , \ v = \! 3492 \end{array}$ 

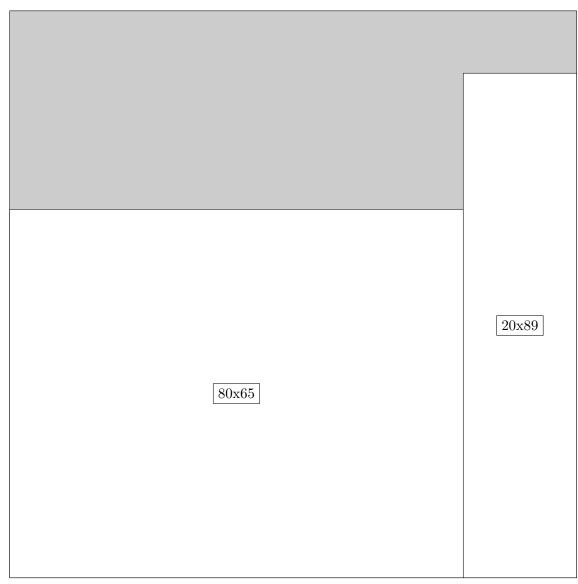
 $\mathbf{w}$  =20 , h =94 , x =0 , y =0 , v =1880



 $\begin{array}{l} w = \! 41 \ , \ h = \! 91 \ , \ x = \! 59 \ , \ y = \! 0 \ , \ v = \! 3731 \\ w = \! 35 \ , \ h = \! 91 \ , \ x = \! 24 \ , \ y = \! 0 \ , \ v = \! 3185 \\ w = \! 24 \ , \ h = \! 86 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2064 \end{array}$ 



$$\begin{array}{l} w = \! 71 \ , \ h = \! 82 \ , \ x = \! 29 \ , \ y = \! 0 \ , \ v = \! 5822 \\ w = \! 29 \ , \ h = \! 73 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2117 \end{array}$$



$$\begin{array}{l} w = \! 20 \ , \ h = \! 89 \ , \ x = \! 80 \ , \ y = \! 0 \ , \ v = \! 1780 \\ w = \! 80 \ , \ h = \! 65 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5200 \end{array}$$