$ClassName: \ Class\_07.2bp-38$ 

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>240000</u> InS: <u>197422</u> Rate: <u>0.823</u> UB: <u>24</u> LB: <u>24</u>

LBWithCut:  $\underline{24}$ NodeCount:  $\underline{0}$ PrimalNode:  $\underline{0}$ ColumnCount:  $\underline{96}$ TotalCutCount:  $\underline{0}$ RootCutCount:  $\underline{0}$ LPSolverCnt:  $\underline{73}$ PricingSolverCnt:  $\underline{73}$ BranchAndBoundNum:  $\underline{1}$ 

isOpt: false

TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{2999.700 \text{ s}}$ 

TimeOnRmp:  $\underline{0.144 \text{ s}}$ TotalTime:  $\underline{3000.001 \text{ s}}$ 

13x100	17x100	22x100	44x100

 $\begin{array}{l} w = \! 44 \; , \; h = \! 100 \; , \; x = \! 56 \; , \; y = \! 0 \; , \; v = \! 4400 \\ w = \! 22 \; , \; h = \! 100 \; , \; x = \! 34 \; , \; y = \! 0 \; , \; v = \! 2200 \\ w = \! 17 \; , \; h = \! 100 \; , \; x = \! 17 \; , \; y = \! 0 \; , \; v = \! 1700 \\ w = \! 13 \; , \; h = \! 100 \; , \; x = \! 4 \; , \; y = \! 0 \; , \; v = \! 1300 \end{array}$ 

	79x28		12x33
28x66	20x67	41x67	

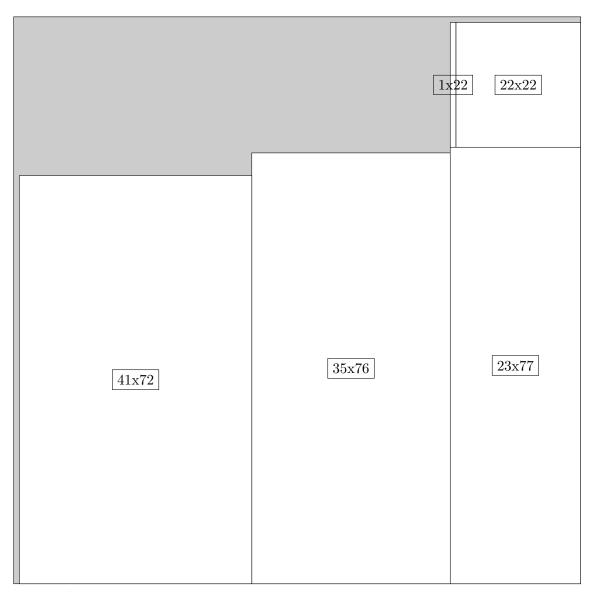
$$w = 41$$
,  $h = 67$ ,  $x = 59$ ,  $y = 0$ ,  $v = 2747$ 

$$\le =28$$
 ,  $h$  =66 ,  $x$  =11 ,  $y$  =0 ,  $v$  =1848

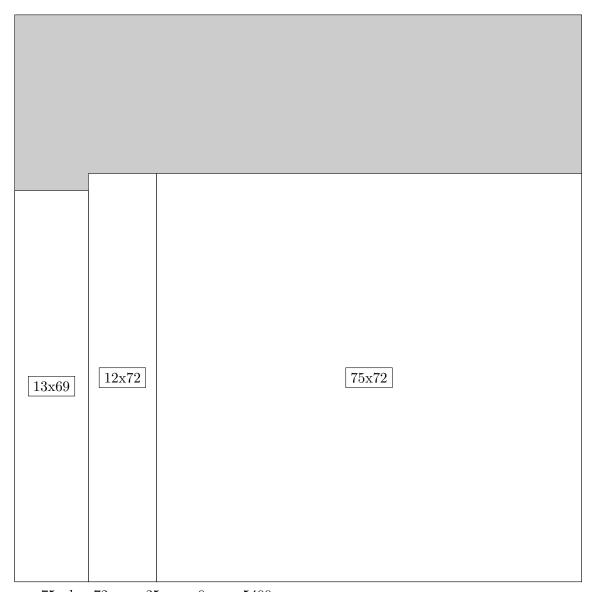
$$\le =12$$
 , h =33 , x =88 , y =67 , v =396

$$\le =79$$
 , h =28 , x =9 , y =67 , v =2212

 $<sup>\</sup>le =20$  , h =67 , x =39 , y =0 , v =1340

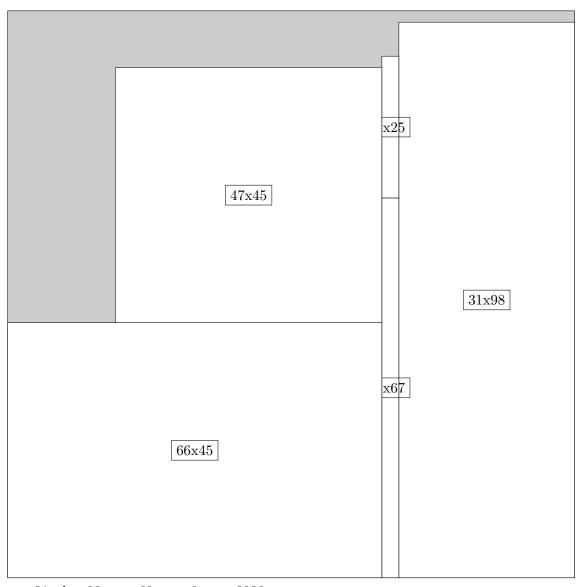


 $\begin{array}{l} w=23 \ , \ h=77 \ , \ x=77 \ , \ y=0 \ , \ v=1771 \\ w=22 \ , \ h=22 \ , \ x=78 \ , \ y=77 \ , \ v=484 \\ w=1 \ , \ h=22 \ , \ x=77 \ , \ y=77 \ , \ v=22 \\ w=35 \ , \ h=76 \ , \ x=42 \ , \ y=0 \ , \ v=2660 \\ w=41 \ , \ h=72 \ , \ x=1 \ , \ y=0 \ , \ v=2952 \end{array}$ 



$$\begin{array}{l} w = \!\! 75 \ , \ h = \!\! 72 \ , \ x = \!\! 25 \ , \ y = \!\! 0 \ , \ v = \!\! 5400 \\ w = \!\! 12 \ , \ h = \!\! 72 \ , \ x = \!\! 13 \ , \ y = \!\! 0 \ , \ v = \!\! 864 \end{array}$$

$$w = 13$$
,  $h = 69$ ,  $x = 0$ ,  $y = 0$ ,  $v = 897$ 



 $\le =31$  , h =98 , x =69 , y =0 , v =3038

 $\le =3$  , h =67 , x =66 , y =0 , v =201

 $\le 3$  , h = 25 , x = 66 , y = 67 , v = 75

 $\le =66$  , h=45 , x=0 , y=0 , v=2970

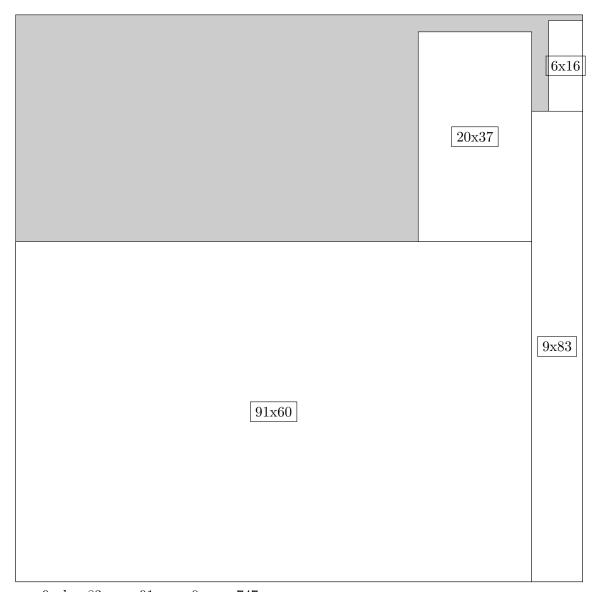
 $\le =47$  , h =45 , x =19 , y =45 , v =2115



$$w = 20$$
,  $h = 48$ ,  $x = 80$ ,  $y = 0$ ,  $v = 960$ 

$$\mathbf{w}$$
 =77 , h =46 , x =3 , y =0 , v =3542

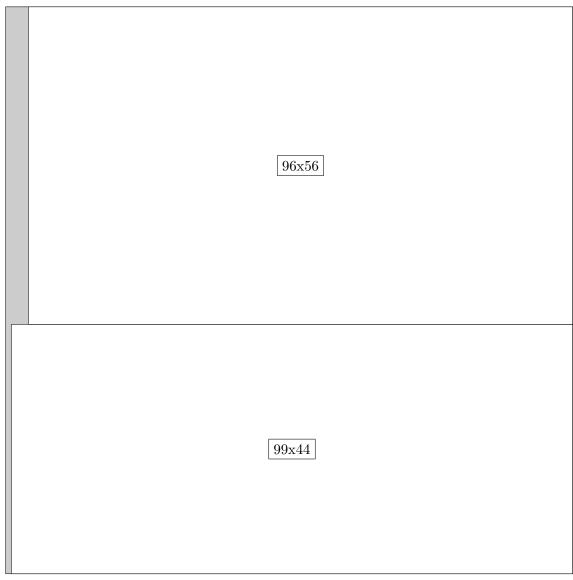
$$w$$
 =93 ,  $h$  =52 ,  $x$  =7 ,  $y$  =48 ,  $v$  =4836



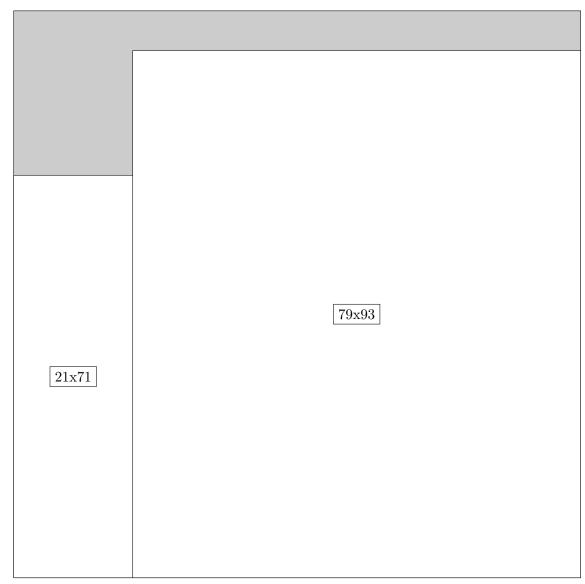
 $\begin{array}{l} w = 9 \ , \ h = \! 83 \ , \ x = \! 91 \ , \ y = \! 0 \ , \ v = \! 747 \\ w = \! 6 \ , \ h = \! 16 \ , \ x = \! 94 \ , \ y = \! 83 \ , \ v = \! 96 \end{array}$ 

 $\le =91$  , h =60 , x =0 , y =0 , v =5460

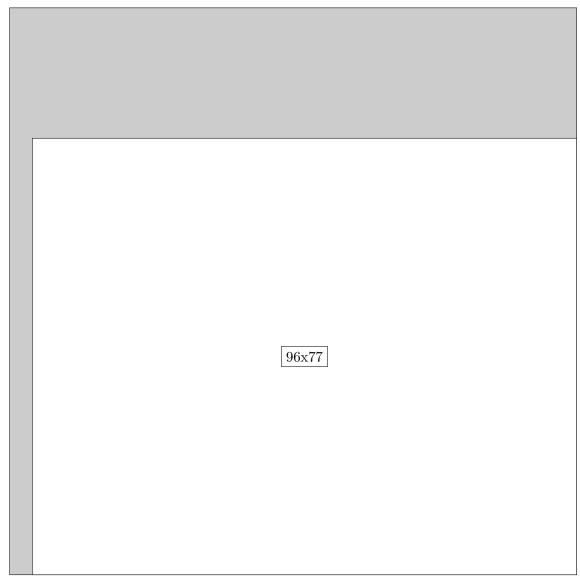
w = 20, h = 37, x = 71, y = 60, v = 740



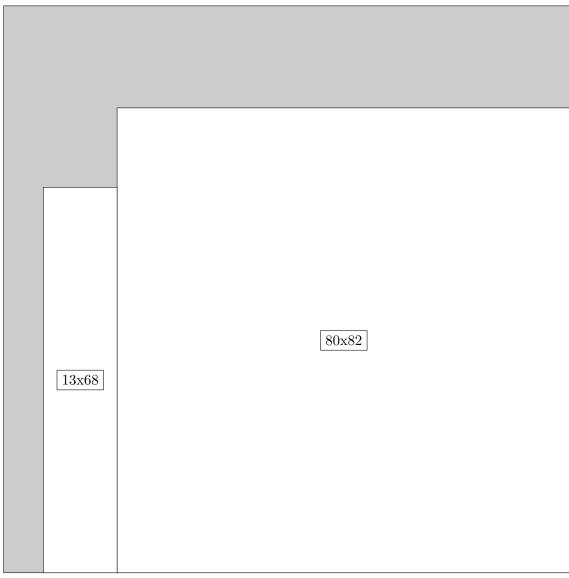
$$\begin{array}{l} w = 99 \ , \ h = \!\! 44 \ , \ x = \!\! 1 \ , \ y = \!\! 0 \ , \ v = \!\! 4356 \\ w = \!\! 96 \ , \ h = \!\! 56 \ , \ x = \!\! 4 \ , \ y = \!\! 44 \ , \ v = \!\! 5376 \end{array}$$



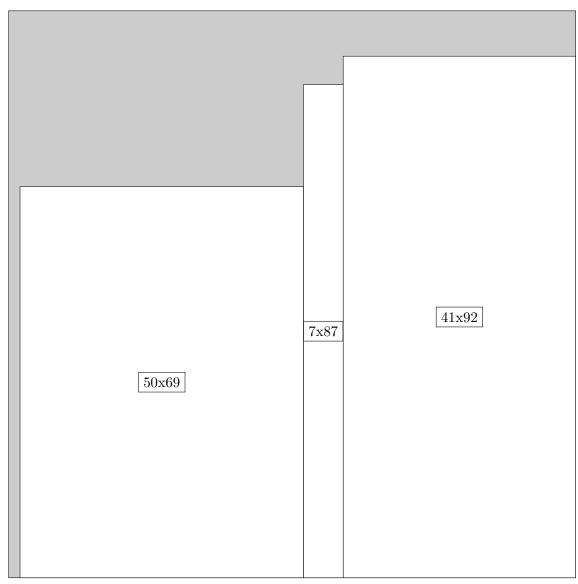
$$\begin{array}{l} w = \! 79 \ , \ h = \! 93 \ , \ x = \! 21 \ , \ y = \! 0 \ , \ v = \! 7347 \\ w = \! 21 \ , \ h = \! 71 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1491 \end{array}$$



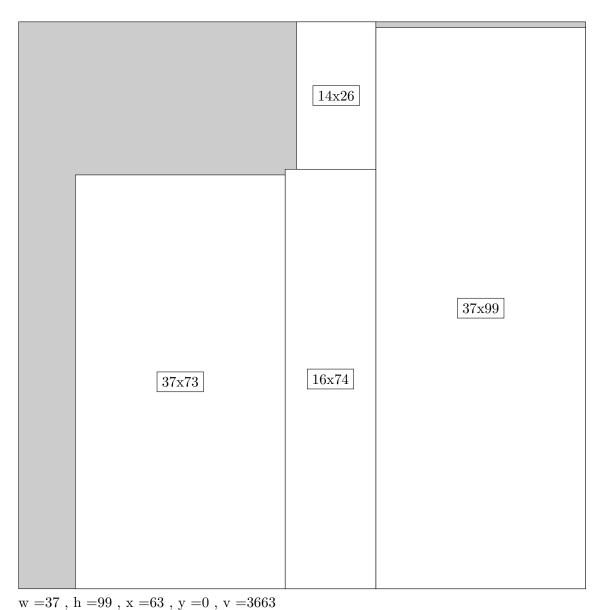
 $\le =96$  , h =77 , x =4 , y =0 , v =7392



$$\begin{array}{l} w = \! 80 \ , \ h = \! 82 \ , \ x = \! 20 \ , \ y = \! 0 \ , \ v = \! 6560 \\ w = \! 13 \ , \ h = \! 68 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 884 \end{array}$$

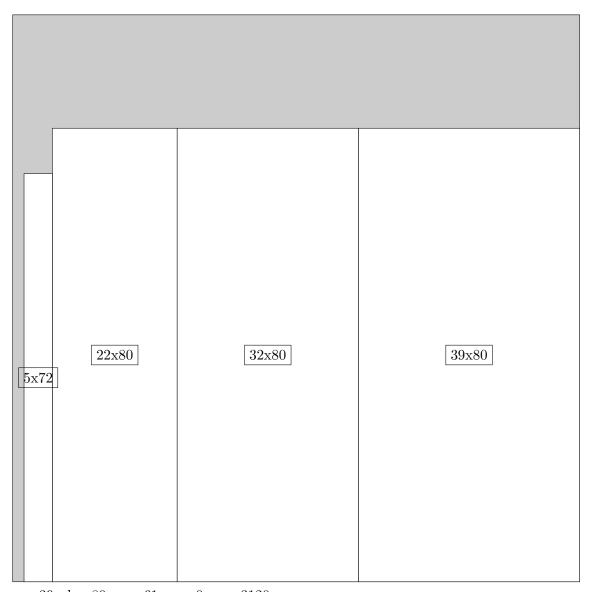


 $\begin{array}{l} w = \! 41 \; , \; h = \! 92 \; , \; x = \! 59 \; , \; y = \! 0 \; , \; v = \! 3772 \\ w = \! 7 \; , \; h = \! 87 \; , \; x = \! 52 \; , \; y = \! 0 \; , \; v = \! 609 \\ w = \! 50 \; , \; h = \! 69 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 3450 \end{array}$ 

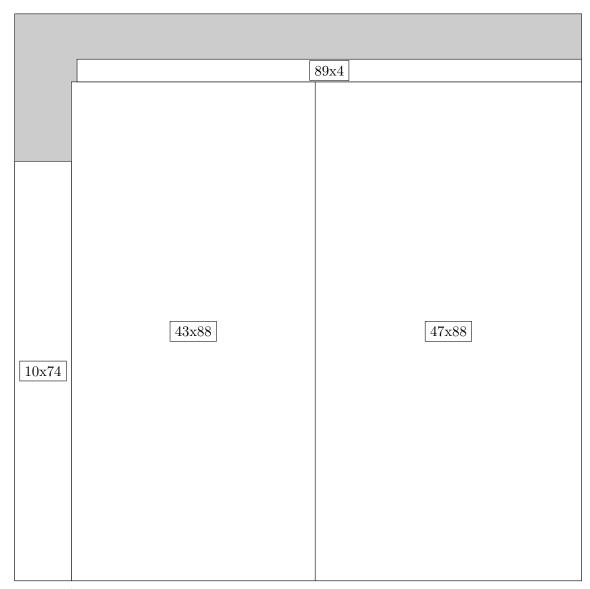


 $\mathbf{w}$  =16 , h =74 , x =47 , y =0 , v =1184  $\le =14$  , h =26 , x =49 , y =74 , v =364

 $\le =37$  , h =73 , x =10 , y =0 , v =2701



 $\begin{array}{l} w = & 39 \ , \ h = & 80 \ , \ x = & 61 \ , \ y = & 0 \ , \ v = & 3120 \\ w = & 32 \ , \ h = & 80 \ , \ x = & 29 \ , \ y = & 0 \ , \ v = & 2560 \\ w = & 22 \ , \ h = & 80 \ , \ x = & 7 \ , \ y = & 0 \ , \ v = & 1760 \\ w = & 5 \ , \ h = & 72 \ , \ x = & 2 \ , \ y = & 0 \ , \ v = & 360 \end{array}$ 

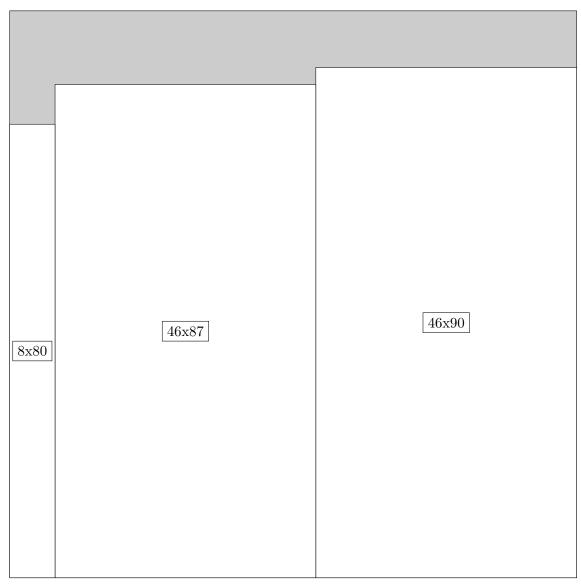


 $\le =47$  , h =88 , x =53 , y =0 , v =4136

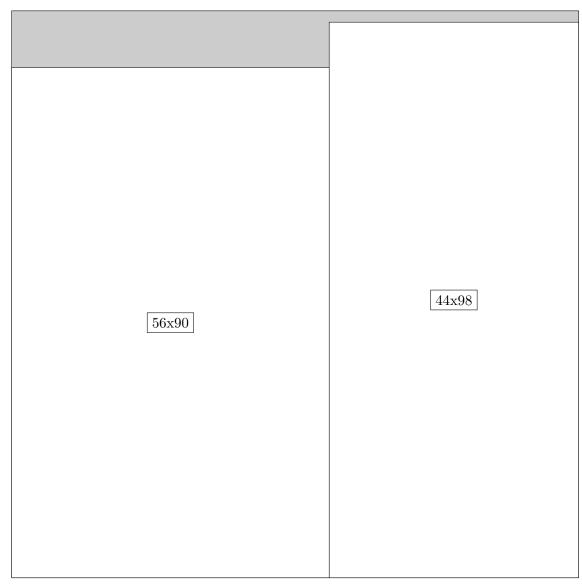
 $\le =43$  , h=88 , x=10 , y=0 , v=3784

 $\le =10$  , h =74 , x =0 , y =0 , v =740

 $w=\!89$  ,  $h=\!4$  ,  $x=\!11$  ,  $y=\!88$  ,  $v=\!356$ 



 $\begin{array}{l} w = \! 46 \ , \ h = \! 90 \ , \ x = \! 54 \ , \ y = \! 0 \ , \ v = \! 4140 \\ w = \! 46 \ , \ h = \! 87 \ , \ x = \! 8 \ , \ y = \! 0 \ , \ v = \! 4002 \\ w = \! 8 \ , \ h = \! 80 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 640 \end{array}$ 



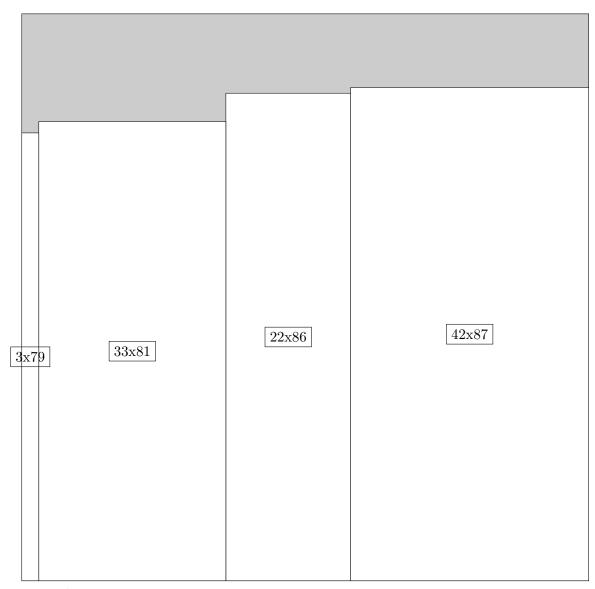
$$\begin{array}{l} w = \! 44 \ , \ h = \! 98 \ , \ x = \! 56 \ , \ y = \! 0 \ , \ v = \! 4312 \\ w = \! 56 \ , \ h = \! 90 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5040 \end{array}$$

	48x15
50x84	49x85

$$w = 49$$
,  $h = 85$ ,  $x = 51$ ,  $y = 0$ ,  $v = 4165$ 

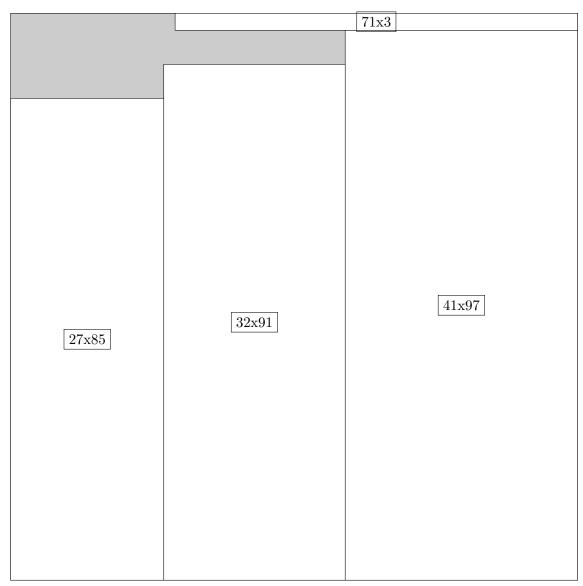
$$\le =48$$
 ,  $h$  =15 ,  $x$  =52 ,  $y$  =85 ,  $v$  =720

$$\le =50$$
 , h =84 , x =1 , y =0 , v =4200



 $\begin{array}{l} w = \! 42 \ , \ h = \! 87 \ , \ x = \! 58 \ , \ y = \! 0 \ , \ v = \! 3654 \\ w = \! 22 \ , \ h = \! 86 \ , \ x = \! 36 \ , \ y = \! 0 \ , \ v = \! 1892 \\ w = \! 33 \ , \ h = \! 81 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 2673 \end{array}$ 

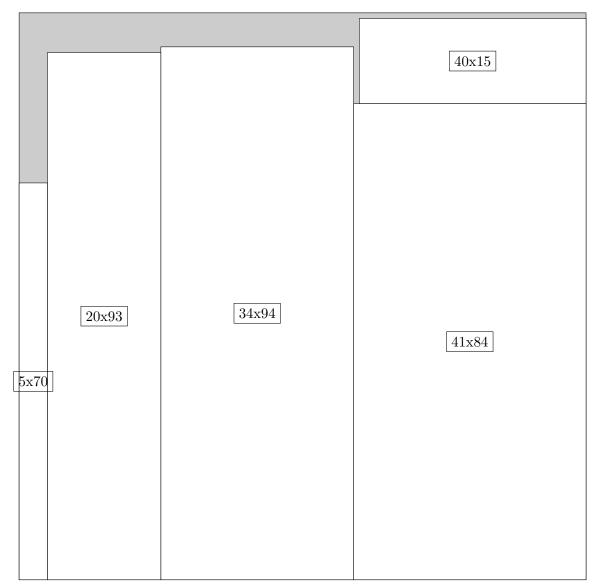
 $\le =3$  , h =79 , x =0 , y =0 , v =237



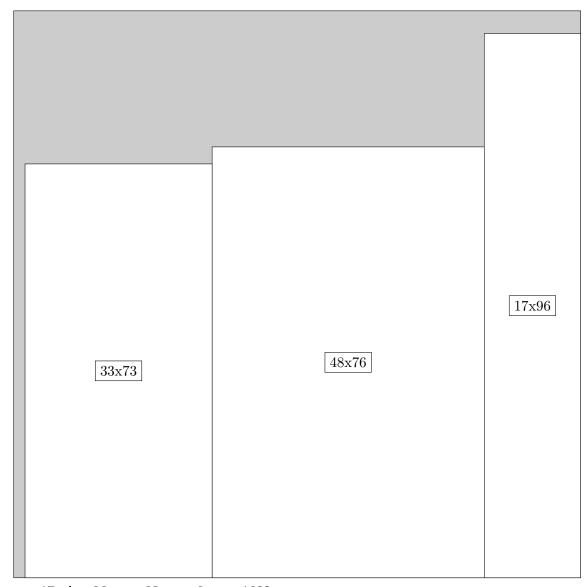
 $\le =41$  , h =97 , x =59 , y =0 , v =3977  $\le =32$  , h =91 , x =27 , y =0 , v =2912

 $\le =27$  , h =85 , x =0 , y =0 , v =2295

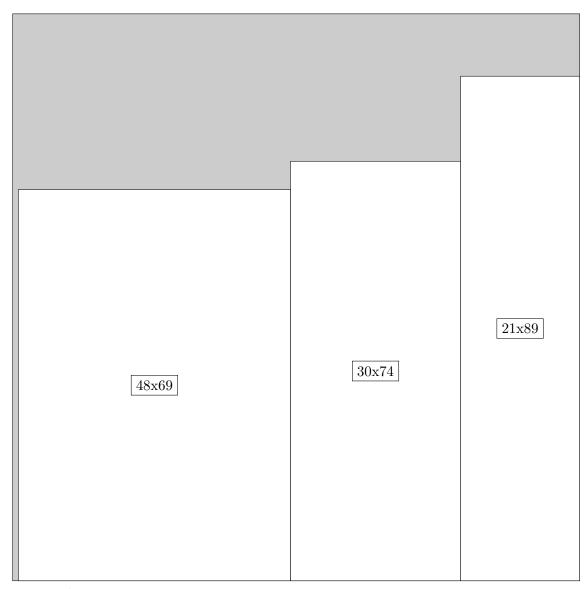
w =71 , h =3 , x =29 , y =97 , v =213



 $\begin{array}{l} w = \! 41 \; , \; h = \! 84 \; , \; x = \! 59 \; , \; y = \! 0 \; , \; v = \! 3444 \\ w = \! 40 \; , \; h = \! 15 \; , \; x = \! 60 \; , \; y = \! 84 \; , \; v = \! 600 \\ w = \! 34 \; , \; h = \! 94 \; , \; x = \! 25 \; , \; y = \! 0 \; , \; v = \! 3196 \\ w = \! 20 \; , \; h = \! 93 \; , \; x = \! 5 \; , \; y = \! 0 \; , \; v = \! 1860 \\ w = \! 5 \; , \; h = \! 70 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 350 \end{array}$ 



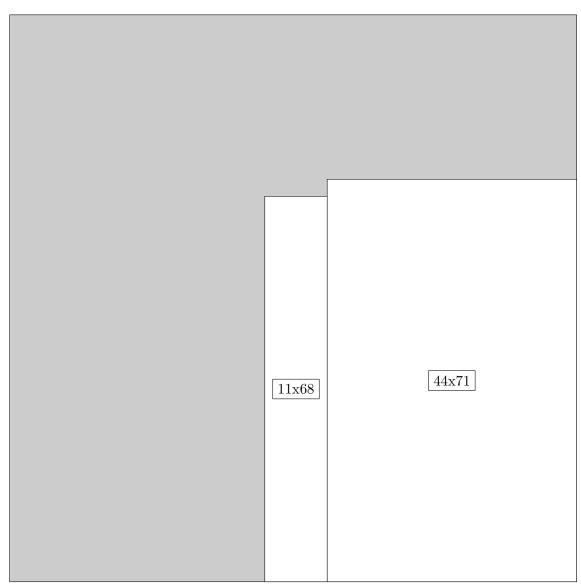
$$\begin{array}{l} w = \! 17 \; , \; h = \! 96 \; , \; x = \! 83 \; , \; y = \! 0 \; , \; v = \! 1632 \\ w = \! 48 \; , \; h = \! 76 \; , \; x = \! 35 \; , \; y = \! 0 \; , \; v = \! 3648 \\ w = \! 33 \; , \; h = \! 73 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 2409 \end{array}$$



$$\le =21$$
 , h =89 , x =79 , y =0 , v =1869

$$w = 30 , h = 74 , x = 49 , y = 0 , v = 2220$$

$$\le =48$$
 , h =69 , x =1 , y =0 , v =3312



 $\begin{array}{l} w = \! 44 \ , \ h = \! 71 \ , \ x = \! 56 \ , \ y = \! 0 \ , \ v = \! 3124 \\ w = \! 11 \ , \ h = \! 68 \ , \ x = \! 45 \ , \ y = \! 0 \ , \ v = \! 748 \end{array}$