$ClassName: \ Class\_07.2bp-32$ 

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

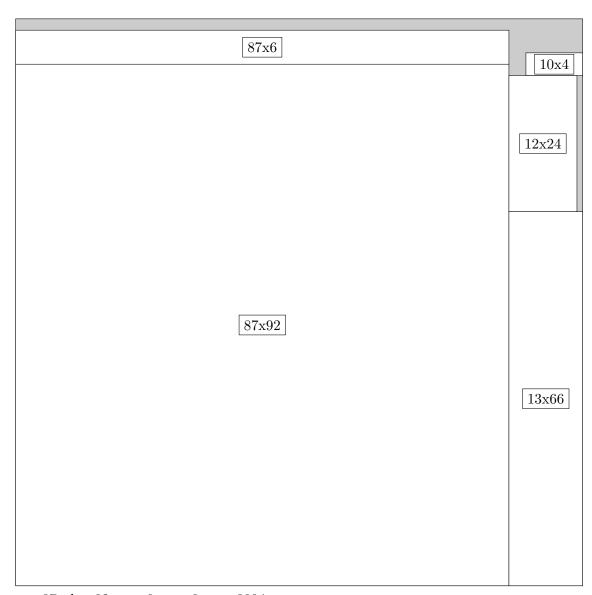
TypeNum: <u>80</u>
Num: <u>80</u>
OutS: <u>210000</u>
InS: <u>177250</u>
Rate: <u>0.844</u>
UB: <u>21</u>
LB0: <u>20</u>

LB: **21** 

LBWithCut:  $\underline{21}$ NodeCut:  $\underline{0}$ PrimalNode:  $\underline{0}$ ColumnCount:  $\underline{174}$ TotalCutCount:  $\underline{0}$ RootCutCount:  $\underline{0}$ LPSolverCnt:  $\underline{154}$ PricingSolverCnt:  $\underline{154}$ BranchAndBoundNum:  $\underline{1}$ 

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

TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{29.710 \text{ s}}$ TimeOnRmp:  $\underline{0.136 \text{ s}}$ TotalTime:  $\underline{29.979 \text{ s}}$ 



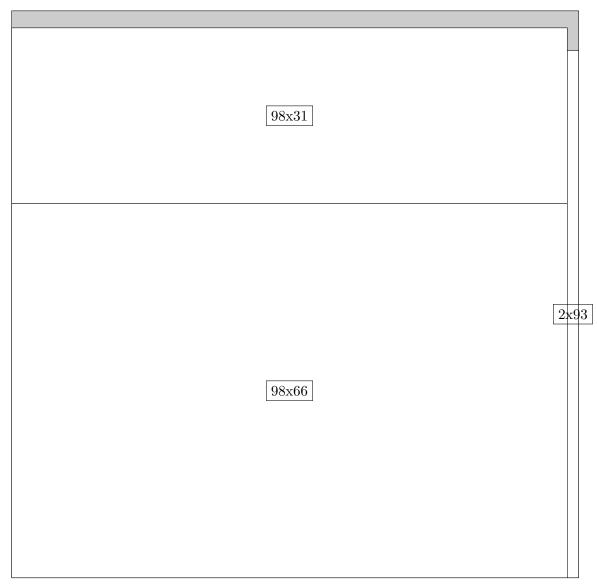
$$\le =87$$
 , h =92 , x =0 , y =0 , v =  
8004

$$\le =13$$
 ,  $h$  =66 ,  $x$  =87 ,  $y$  =0 ,  $v$  =858

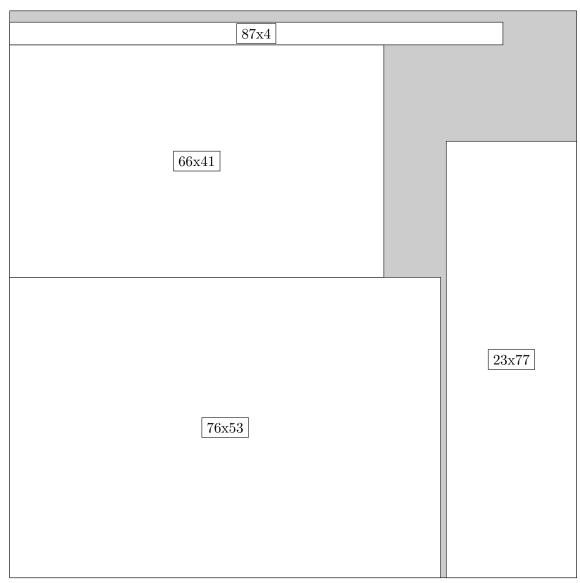
$$\le =87$$
 , h =6 , x =0 , y =92 , v =522

$$w=\!12$$
 ,  $h=\!24$  ,  $x=\!87$  ,  $y=\!66$  ,  $v=\!288$ 

$$w = 10$$
,  $h = 4$ ,  $x = 90$ ,  $y = 90$ ,  $v = 40$ 



$$\begin{array}{l} w = \! 98 \ , \ h = \! 66 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6468 \\ w = \! 98 \ , \ h = \! 31 \ , \ x = \! 0 \ , \ y = \! 66 \ , \ v = \! 3038 \\ w = \! 2 \ , \ h = \! 93 \ , \ x = \! 98 \ , \ y = \! 0 \ , \ v = \! 186 \end{array}$$

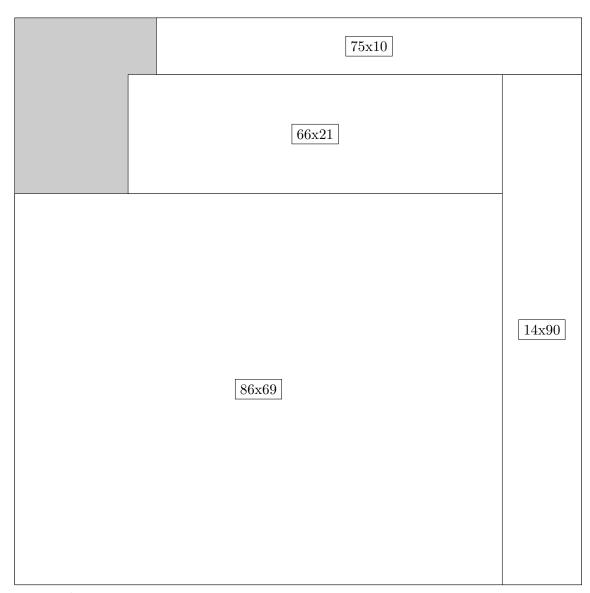


$$\mathbf{w}$$
 =76 , h =53 , x =0 , y =0 , v =4028

$$\le =66$$
 ,  $h=41$  ,  $x=0$  ,  $y=\!53$  ,  $v=\!2706$ 

$$\le =23$$
 , h =77 , x =77 , y =0 , v =1771

$$w$$
 =87 , h =4 , x =0 , y =94 , v =348

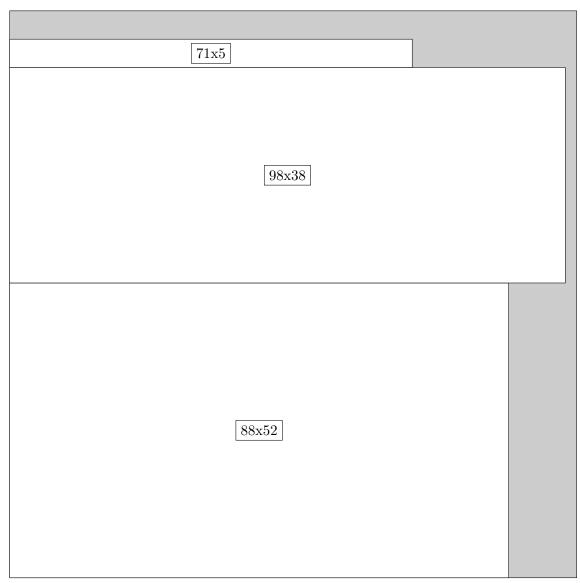


$$\le =86$$
 ,  $h=69$  ,  $x=0$  ,  $y=0$  ,  $v=5934$ 

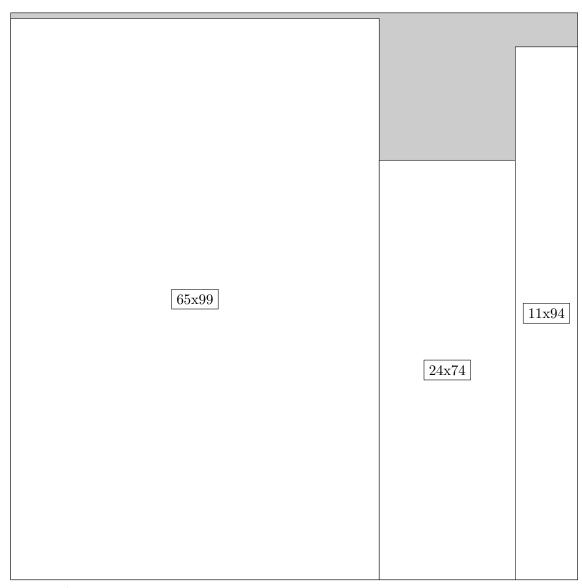
$$\le =66$$
 ,  $h$  =21 ,  $x$  =20 ,  $y$  =69 ,  $v$  =1386

$$\le =14$$
 , h =90 , x =86 , y =0 , v =1260

$$\le =75$$
 , h =10 , x =25 , y =90 , v =750

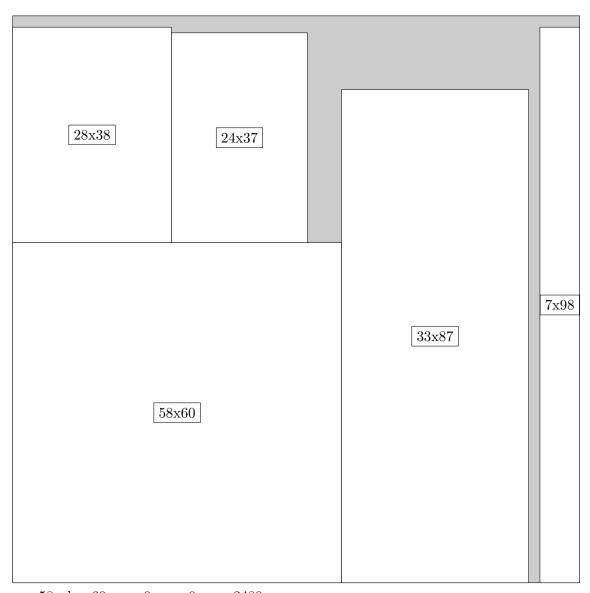


$$\begin{array}{l} w = \! 88 \ , \ h = \! 52 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4576 \\ w = \! 98 \ , \ h = \! 38 \ , \ x = \! 0 \ , \ y = \! 52 \ , \ v = \! 3724 \\ w = \! 71 \ , \ h = \! 5 \ , \ x = \! 0 \ , \ y = \! 90 \ , \ v = \! 355 \end{array}$$

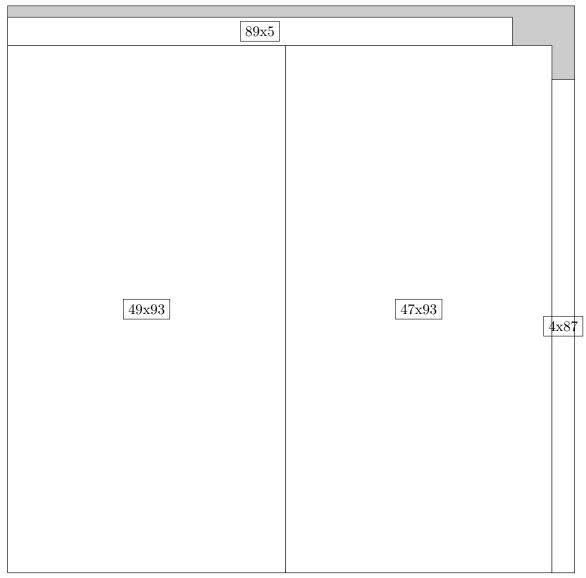


$$\begin{array}{l} w = \!65 \ , \ h = \!99 \ , \ x = \!0 \ , \ y = \!0 \ , \ v = \!6435 \\ w = \!24 \ , \ h = \!74 \ , \ x = \!65 \ , \ y = \!0 \ , \ v = \!1776 \end{array}$$

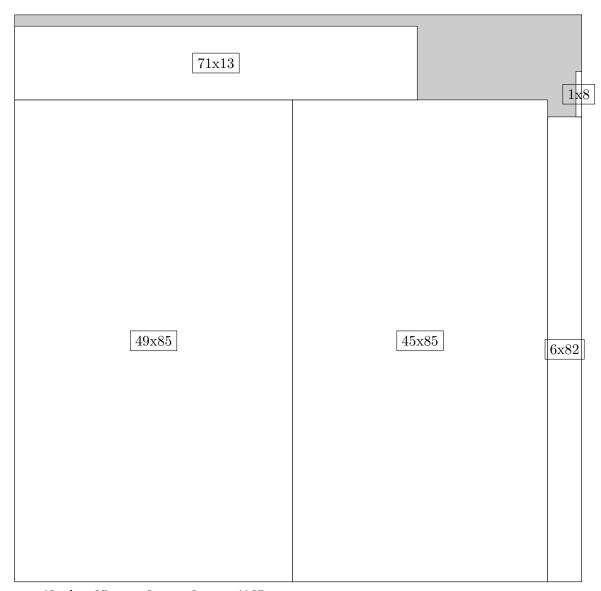
$$w = 11$$
 ,  $h = 94$  ,  $x = 89$  ,  $y = 0$  ,  $v = 1034$ 



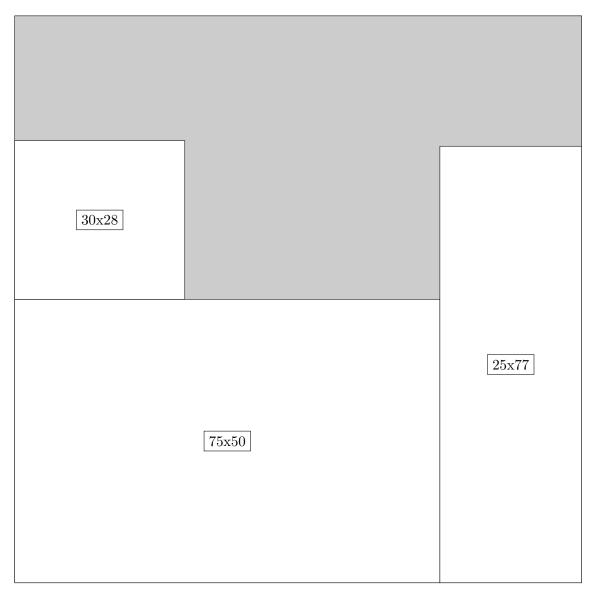
$$\begin{array}{l} w = \!58 \;,\; h = \!60 \;,\; x = \!0 \;,\; y = \!0 \;,\; v = \!3480 \\ w = \!33 \;,\; h = \!87 \;,\; x = \!58 \;,\; y = \!0 \;,\; v = \!2871 \\ w = \!28 \;,\; h = \!38 \;,\; x = \!0 \;,\; y = \!60 \;,\; v = \!1064 \\ w = \!24 \;,\; h = \!37 \;,\; x = \!28 \;,\; y = \!60 \;,\; v = \!888 \\ w = \!7 \;,\; h = \!98 \;,\; x = \!93 \;,\; y = \!0 \;,\; v = \!686 \end{array}$$



$$\begin{array}{l} w = \!\! 49 \ , \ h = \!\! 93 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4557 \\ w = \!\! 47 \ , \ h = \!\! 93 \ , \ x = \!\! 49 \ , \ y = \!\! 0 \ , \ v = \!\! 4371 \\ w = \!\! 89 \ , \ h = \!\! 5 \ , \ x = \!\! 0 \ , \ y = \!\! 93 \ , \ v = \!\! 445 \\ w = \!\! 4 \ , \ h = \!\! 87 \ , \ x = \!\! 96 \ , \ y = \!\! 0 \ , \ v = \!\! 348 \end{array}$$



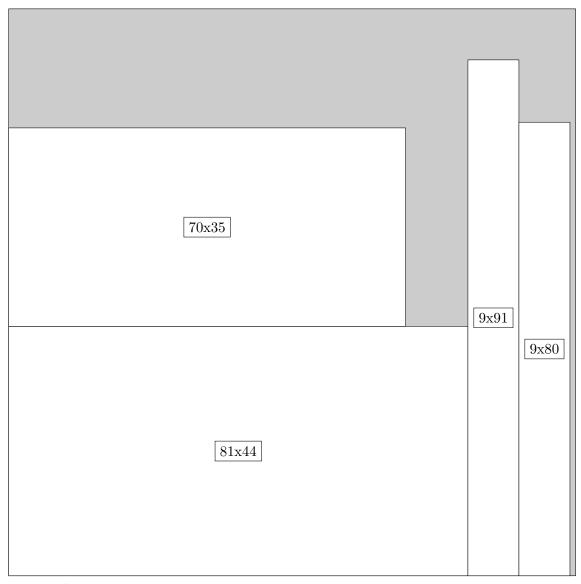
$$\begin{array}{l} w = \! 49 \;,\; h = \! 85 \;,\; x = \! 0 \;,\; y = \! 0 \;,\; v = \! 4165 \\ w = \! 45 \;,\; h = \! 85 \;,\; x = \! 49 \;,\; y = \! 0 \;,\; v = \! 3825 \\ w = \! 71 \;,\; h = \! 13 \;,\; x = \! 0 \;,\; y = \! 85 \;,\; v = \! 923 \\ w = \! 6 \;,\; h = \! 82 \;,\; x = \! 94 \;,\; y = \! 0 \;,\; v = \! 492 \\ w = \! 1 \;,\; h = \! 8 \;,\; x = \! 99 \;,\; y = \! 82 \;,\; v = \! 8 \end{array}$$



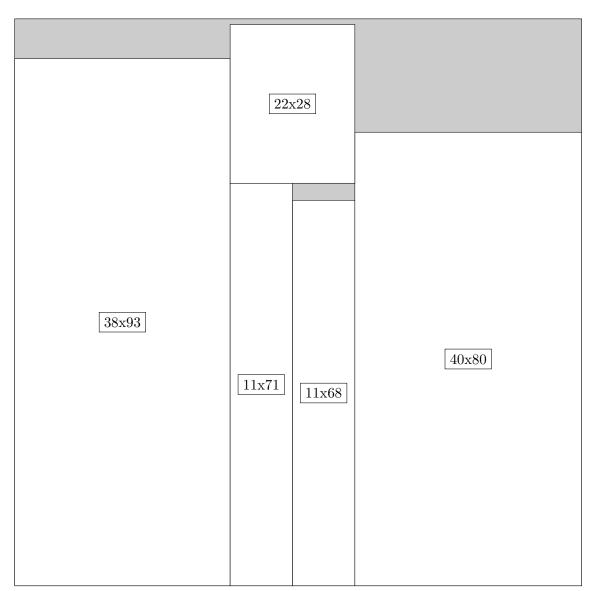
$$w = 75 \ , \ h = 50 \ , \ x = 0 \ , \ y = 0 \ , \ v = 3750$$

$$\le =25$$
 , h =77 , x =75 , y =0 , v =1925

$$\le =30$$
 , h =28 , x =0 , y =50 , v =840



 $\begin{array}{l} w = \! 81 \ , \ h = \! 44 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3564 \\ w = \! 70 \ , \ h = \! 35 \ , \ x = \! 0 \ , \ y = \! 44 \ , \ v = \! 2450 \\ w = \! 9 \ , \ h = \! 91 \ , \ x = \! 81 \ , \ y = \! 0 \ , \ v = \! 819 \\ w = \! 9 \ , \ h = \! 80 \ , \ x = \! 90 \ , \ y = \! 0 \ , \ v = \! 720 \end{array}$ 



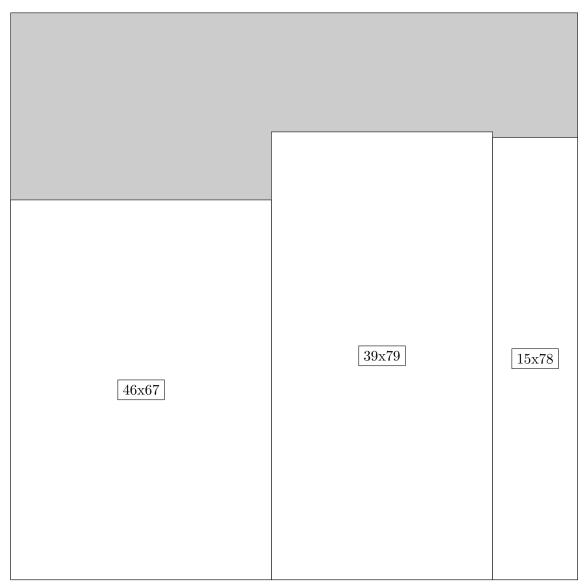
$$w = 38$$
,  $h = 93$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3534$ 

$$\le =11$$
 ,  $h=68$  ,  $x=49$  ,  $y=0$  ,  $v=748$ 

$$\mathbf{w}$$
 =11 , h =71 , x =38 , y =0 , v =781

$$\le =40$$
 ,  $h=\!80$  ,  $x=\!60$  ,  $y=\!0$  ,  $v=\!3200$ 

$$\le =22$$
 , h =28 , x =38 , y =71 , v =616



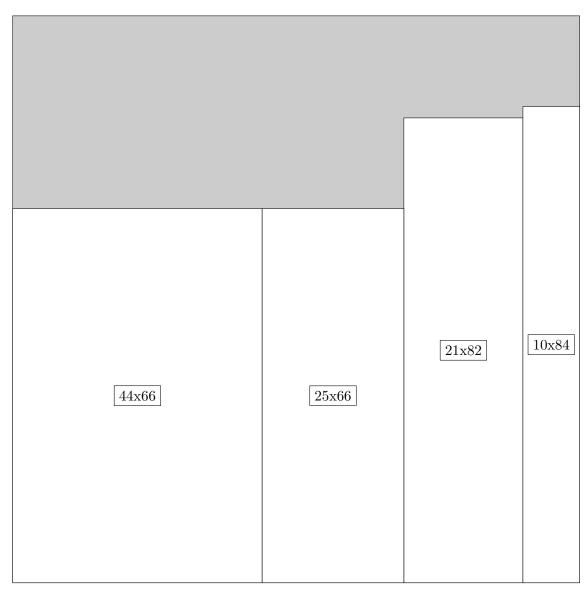
$$w = 15$$
,  $h = 78$ ,  $x = 85$ ,  $y = 0$ ,  $v = 1170$ 

37x82	33x82	30x86

$$w = 37$$
,  $h = 82$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3034$ 

$$\le =33$$
 , h =82 , x =37 , y =0 , v =2706

$$\le =30$$
 , h =  
86 , x =  
70 , y =  
0 , v =  
2580

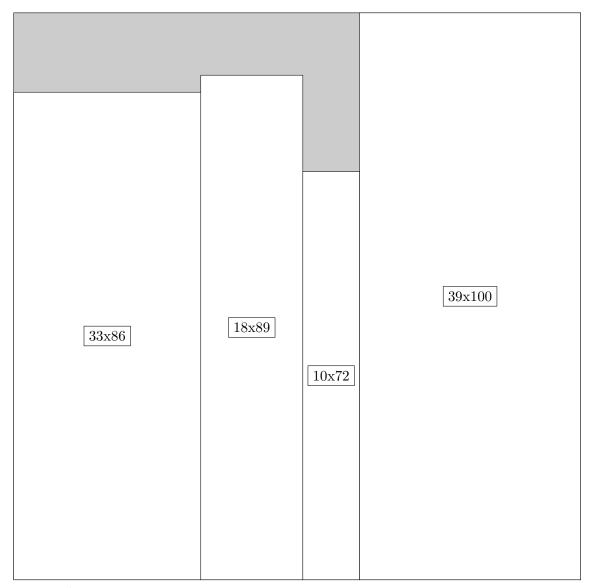


$$w = 44$$
,  $h = 66$ ,  $x = 0$ ,  $y = 0$ ,  $v = 2904$ 

$$\le =21$$
 , h =82 , x =69 , y =0 , v =1722

$$\le =25$$
 , h =66 , x =44 , y =0 , v =1650

$$\mathbf{w}$$
 =10 , h =84 , x =90 , y =0 , v =840

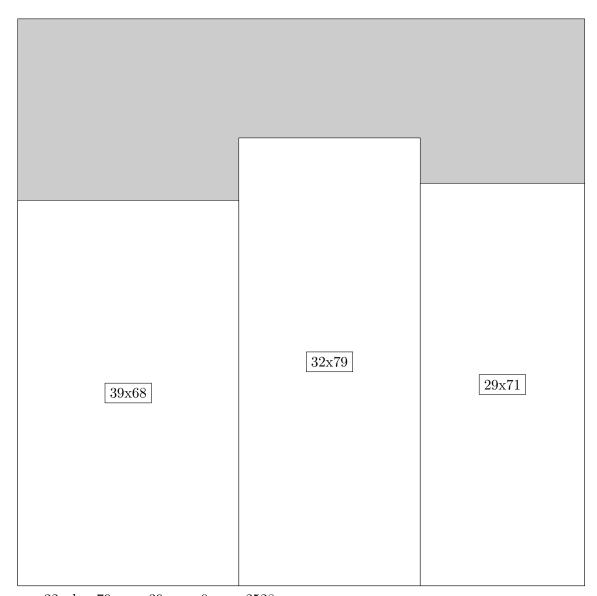


 $\le =39$  , h=100 , x=61 , y=0 , v=3900

 $\le =33$  , h =86 , x =0 , y =0 , v =2838

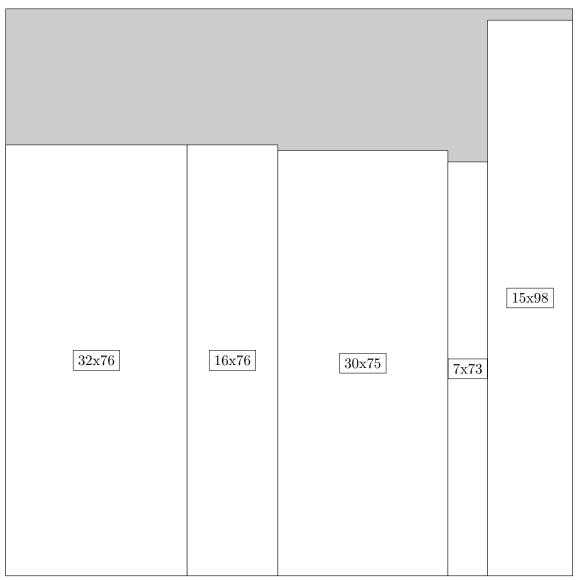
 $\le =18$  , h =89 , x =33 , y =0 , v =1602

 $\mathbf{w}$  =10 , h =72 , x =51 , y =0 , v =720

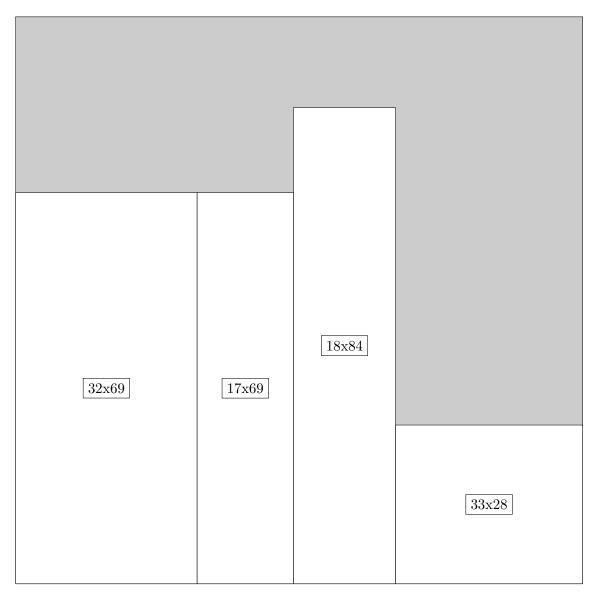


 $\begin{array}{l} w = & 32 \ , \ h = & 79 \ , \ x = & 39 \ , \ y = & 0 \ , \ v = & 2528 \\ w = & 39 \ , \ h = & 68 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 2652 \end{array}$ 

w = 29 , h = 71 , x = 71 , y = 0 , v = 2059



 $\begin{array}{l} w = & 32 \ , \ h = & 76 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 2432 \\ w = & 30 \ , \ h = & 75 \ , \ x = & 48 \ , \ y = & 0 \ , \ v = & 2250 \\ w = & 15 \ , \ h = & 98 \ , \ x = & 85 \ , \ y = & 0 \ , \ v = & 1470 \\ w = & 16 \ , \ h = & 76 \ , \ x = & 32 \ , \ y = & 0 \ , \ v = & 1216 \\ w = & 7 \ , \ h = & 73 \ , \ x = & 78 \ , \ y = & 0 \ , \ v = & 511 \end{array}$ 

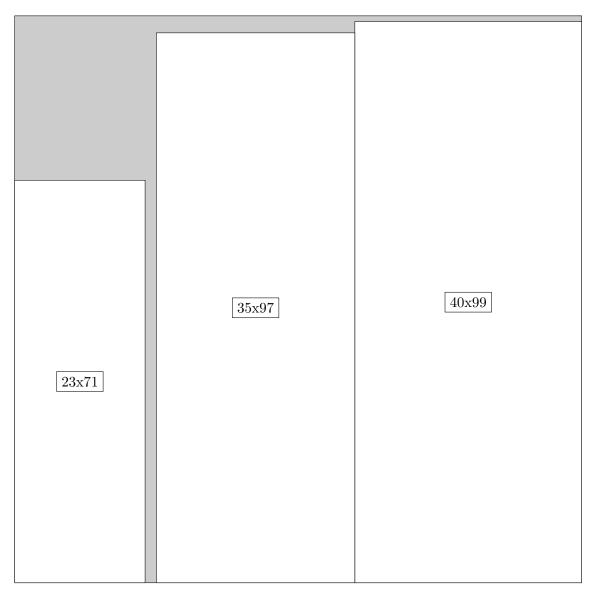


 $\le 32$  ,  $\le 69$  ,  $\ge 69$  ,  $\ge$ 

w = 18, h = 84, x = 49, y = 0, v = 1512

 $\le =17$  , h =69 , x =32 , y =0 , v =1173

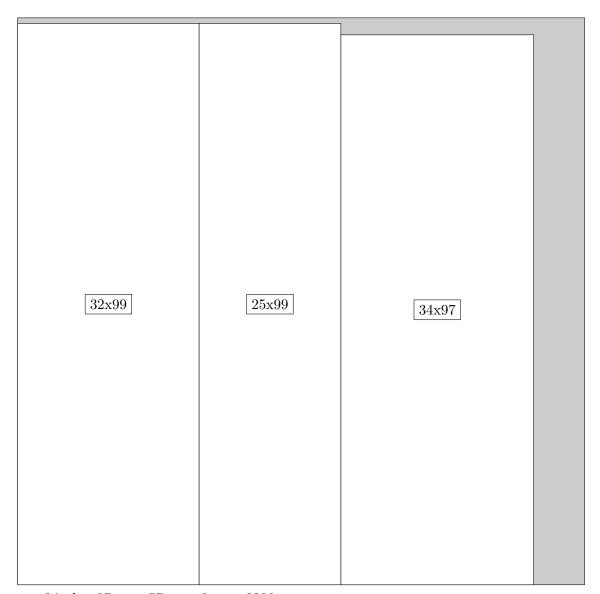
 $\le =33$  , h =28 , x =67 , y =0 , v =924



w = 40, h = 99, x = 60, y = 0, v = 3960

 $\le =35$  , h =97 , x =25 , y =0 , v =3395

 $\le =23$  , h =71 , x =0 , y =0 , v =1633



 $\le =34$  , h =97 , x =57 , y =0 , v =3298

 $\le =32$  , h =99 , x =0 , y =0 , v =3168

 $\le =25$  , h =99 , x =32 , y =0 , v =2475