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

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>

LBWithCut:  $\underline{\mathbf{21}}$  NodeCut:  $\underline{\mathbf{0}}$ 

LB: **21** 

ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

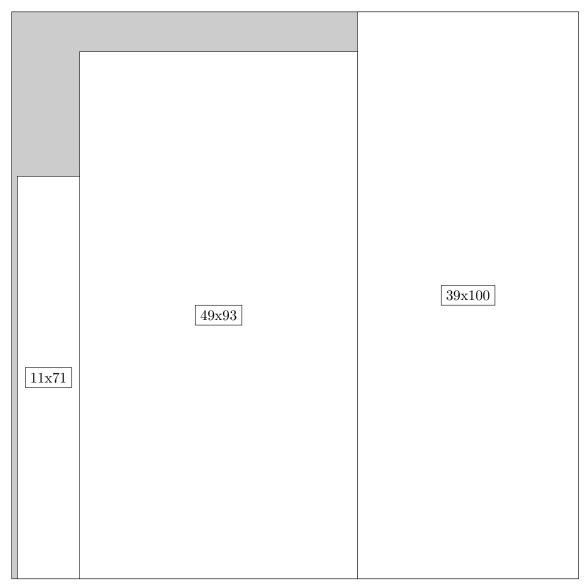
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{93}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{73}}$ PricingSolverCnt:  $\underline{\mathbf{73}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

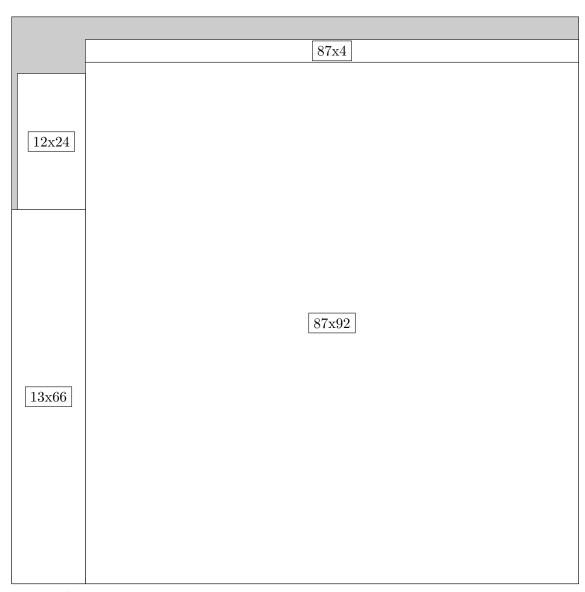
TimeOnInitSolution:  $\underline{600.000 \text{ s}}$ 

TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{2999.608 \text{ s}}$ 

TimeOnRmp:  $\underline{0.113 \text{ s}}$ TotalTime: 3600.004 s



 $\begin{array}{l} w = 39 \ , \ h = 100 \ , \ x = 61 \ , \ y = 0 \ , \ v = 3900 \\ w = 49 \ , \ h = 93 \ , \ x = 12 \ , \ y = 0 \ , \ v = 4557 \\ w = 11 \ , \ h = 71 \ , \ x = 1 \ , \ y = 0 \ , \ v = 781 \end{array}$ 

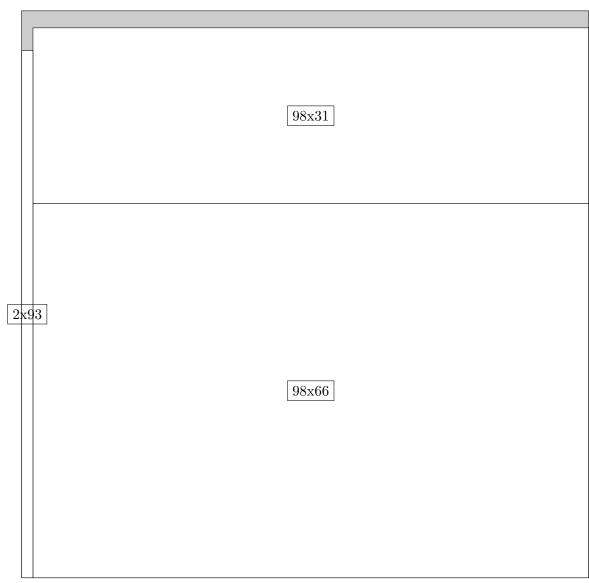


 $\le =87$  , h =92 , x =13 , y =0 , v =8004

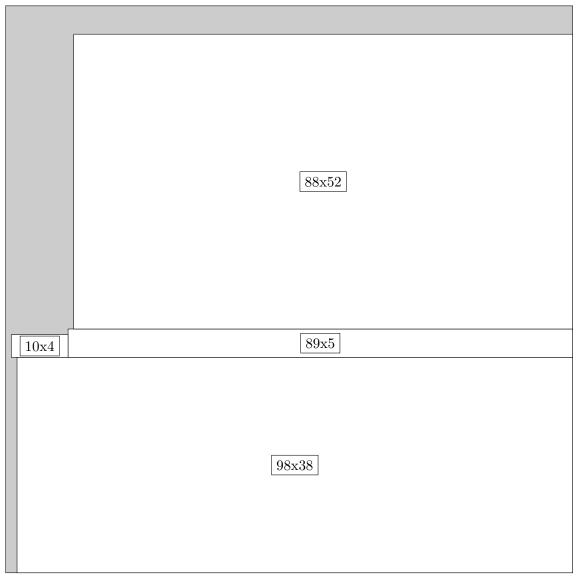
 $\le =13$  , h =66 , x =0 , y =0 , v =858

 $\le =12$  , h =24 , x =1 , y =66 , v =288

 $\le =87$  , h =4 , x =13 , y =92 , v =348



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

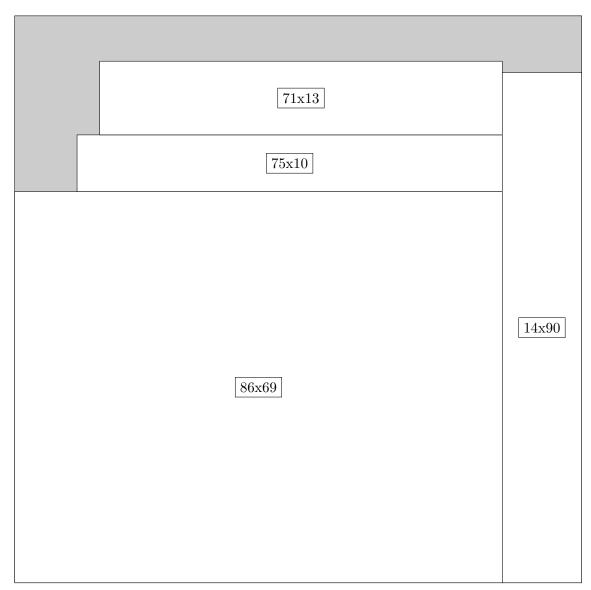


$$\le =98$$
 , h =38 , x =2 , y =0 , v =3724

$$\le =89$$
 , h =5 , x =11 , y =38 , v =445

$$\le =10$$
 , h =4 , x =1 , y =38 , v =40

$$\le =88$$
 , h =52 , x =12 , y =43 , v =4576

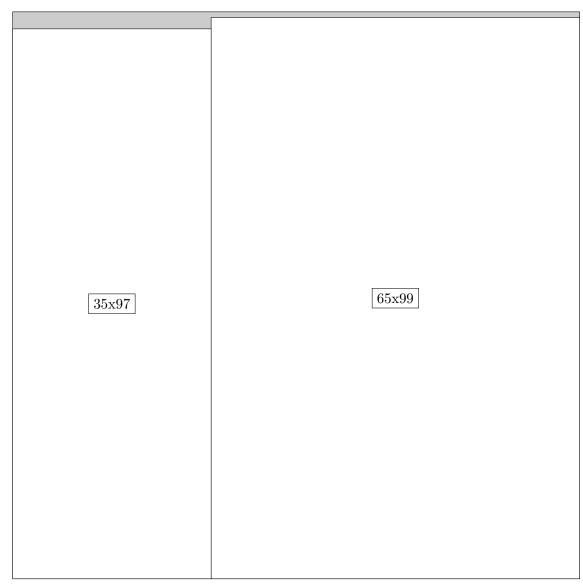


$$w = 14$$
 ,  $h = 90$  ,  $x = 86$  ,  $y = 0$  ,  $v = 1260$ 

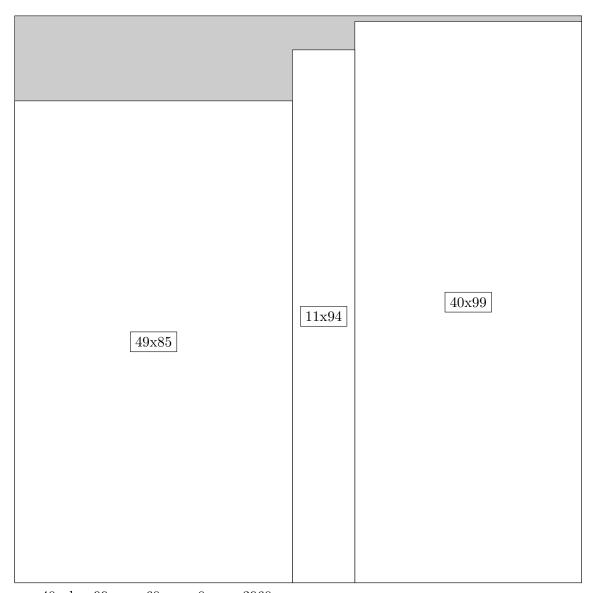
$$\le =86$$
 ,  $h$  =69 ,  $x$  =0 ,  $y$  =0 ,  $v$  =5934

$$\le =75$$
 , h =10 , x =11 , y =69 , v =750

$$w$$
 =71 , h =13 , x =15 , y =79 , v =923

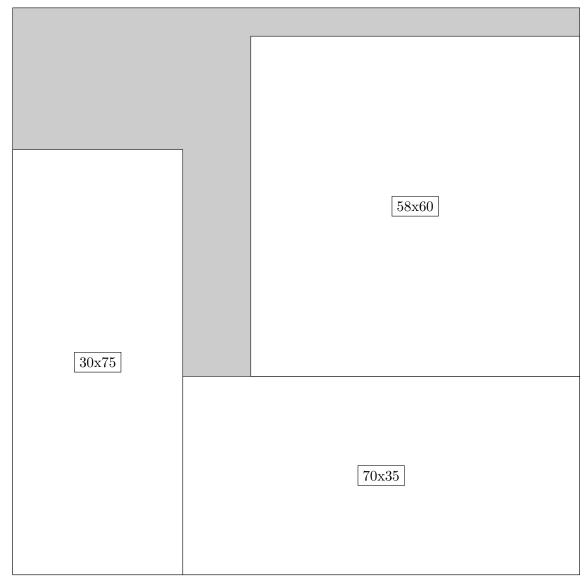


$$\begin{array}{l} w = \! 65 \ , \ h = \! 99 \ , \ x = \! 35 \ , \ y = \! 0 \ , \ v = \! 6435 \\ w = \! 35 \ , \ h = \! 97 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3395 \end{array}$$



$$\begin{array}{l} w = \! 40 \ , \ h = \! 99 \ , \ x = \! 60 \ , \ y = \! 0 \ , \ v = \! 3960 \\ w = \! 11 \ , \ h = \! 94 \ , \ x = \! 49 \ , \ y = \! 0 \ , \ v = \! 1034 \end{array}$$

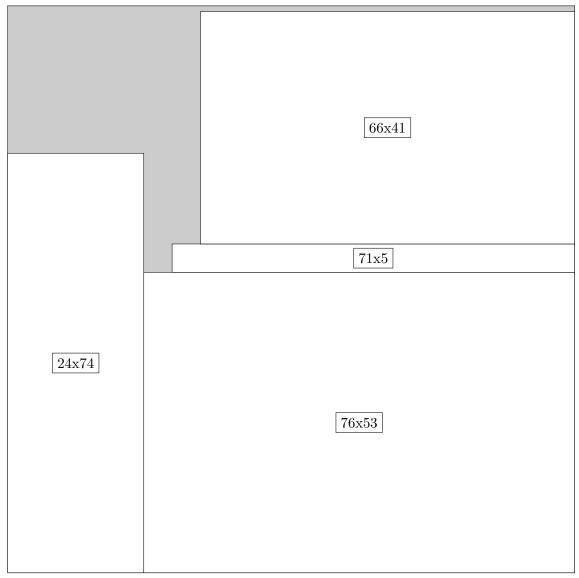
$$w = 49$$
,  $h = 85$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4165$ 



$$w$$
 =70 ,  $h$  =35 ,  $x$  =30 ,  $y$  =0 ,  $v$  =2450

$$\le =58$$
 ,  $h$  =60 ,  $x$  =42 ,  $y$  =35 ,  $v$  =3480

$$\le =30$$
 , h =75 , x =0 , y =0 , v =2250

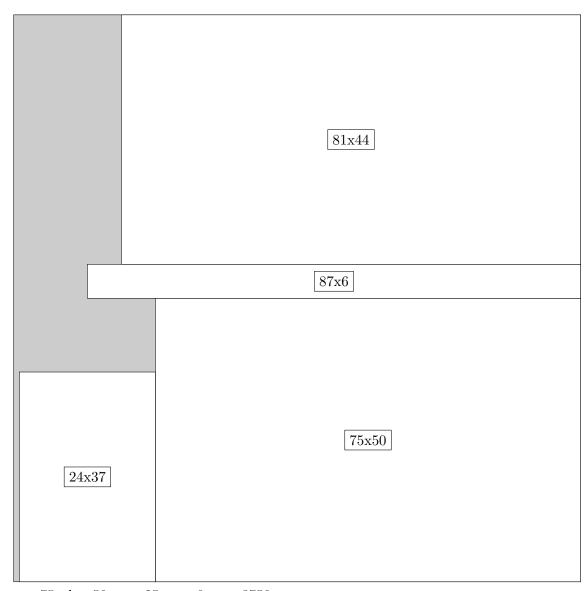


$$w = 76$$
,  $h = 53$ ,  $x = 24$ ,  $y = 0$ ,  $v = 4028$ 

$$w$$
 =71 , h =5 , x =29 , y =53 , v =355

$$\le =66$$
 ,  $h=\!41$  ,  $x=\!34$  ,  $y=\!58$  ,  $v=\!2706$ 

$$\le =24$$
 ,  $h$  =74 ,  $x$  =0 ,  $y$  =0 ,  $v$  =1776

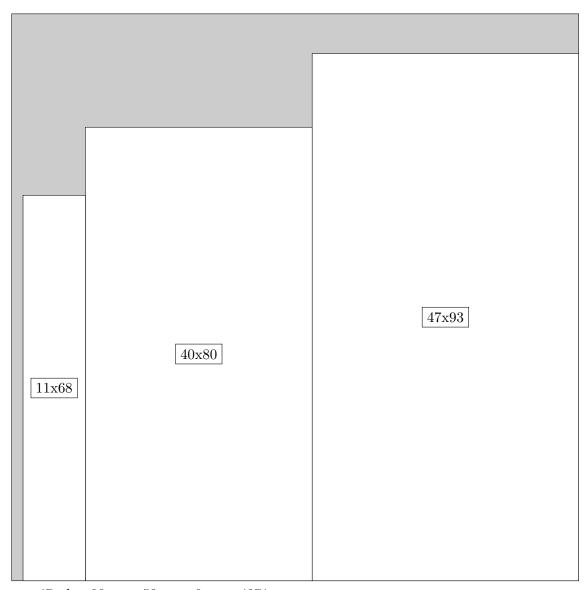


$$\le =75$$
 , h =50 , x =25 , y =0 , v =3750

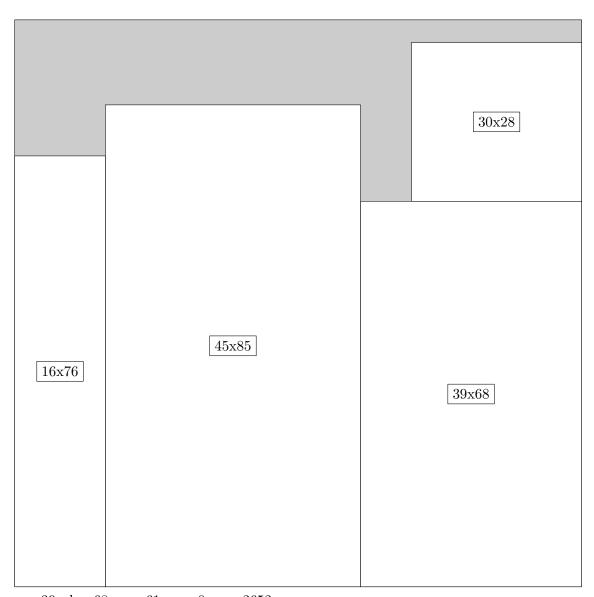
$$\le =24$$
 , h =37 , x =1 , y =0 , v =888

$$\le =87$$
 , h =6 , x =13 , y =50 , v =522

$$\le =81$$
 ,  $h=44$  ,  $x=19$  ,  $y=56$  ,  $v=3564$ 



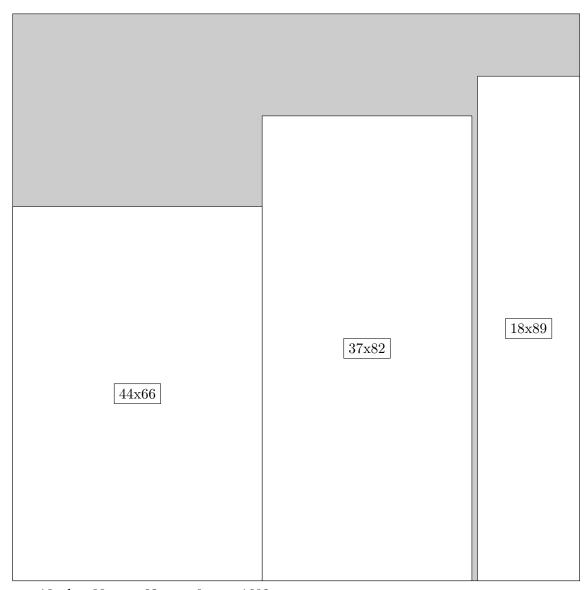
$$\begin{array}{l} w = \!\! 47 \ , \ h = \!\! 93 \ , \ x = \!\! 53 \ , \ y = \!\! 0 \ , \ v = \!\! 4371 \\ w = \!\! 40 \ , \ h = \!\! 80 \ , \ x = \!\! 13 \ , \ y = \!\! 0 \ , \ v = \!\! 3200 \\ w = \!\! 11 \ , \ h = \!\! 68 \ , \ x = \!\! 2 \ , \ y = \!\! 0 \ , \ v = \!\! 748 \end{array}$$



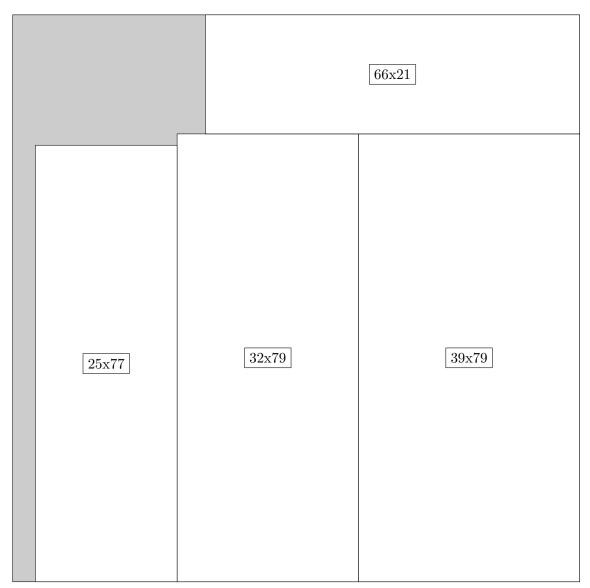
$$\begin{array}{l} w = & 39 \ , \ h = & 68 \ , \ x = & 61 \ , \ y = & 0 \ , \ v = & 2652 \\ w = & 30 \ , \ h = & 28 \ , \ x = & 70 \ , \ y = & 68 \ , \ v = & 840 \end{array}$$

$$w = 45$$
,  $h = 85$ ,  $x = 16$ ,  $y = 0$ ,  $v = 3825$ 

$$w = 16$$
,  $h = 76$ ,  $x = 0$ ,  $y = 0$ ,  $v = 1216$ 



$$\begin{array}{l} w = \! 18 \ , \ h = \! 89 \ , \ x = \! 82 \ , \ y = \! 0 \ , \ v = \! 1602 \\ w = \! 37 \ , \ h = \! 82 \ , \ x = \! 44 \ , \ y = \! 0 \ , \ v = \! 3034 \\ w = \! 44 \ , \ h = \! 66 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2904 \end{array}$$

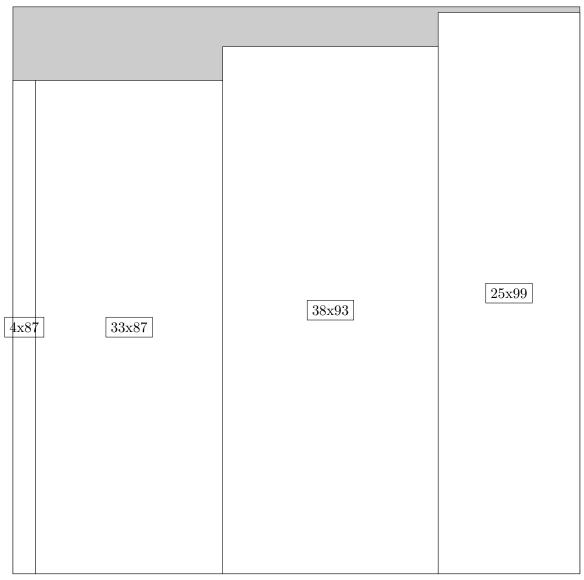


$$\le =39$$
 , h =79 , x =61 , y =0 , v =3081

$$\le =32$$
 , h =79 , x =29 , y =0 , v =2528

$$\le =25$$
 , h =77 , x =4 , y =0 , v =1925

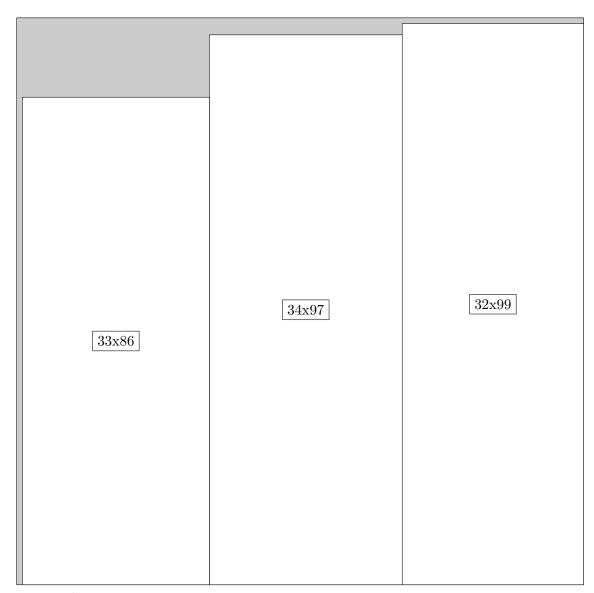
$$\mathbf{w}$$
 =66 , h =21 , x =34 , y =79 , v =1386



 $\begin{array}{l} w = \! 25 \ , \ h = \! 99 \ , \ x = \! 75 \ , \ y = \! 0 \ , \ v = \! 2475 \\ w = \! 38 \ , \ h = \! 93 \ , \ x = \! 37 \ , \ y = \! 0 \ , \ v = \! 3534 \end{array}$ 

 $\le =33$  , h =87 , x =4 , y =0 , v =2871

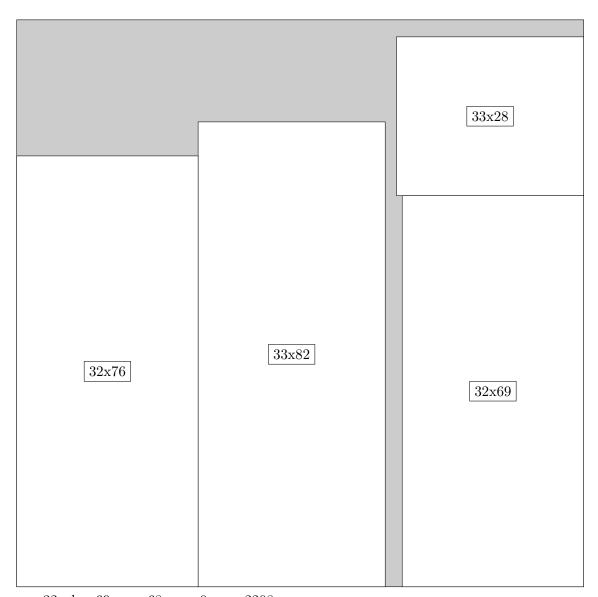
 $\mathbf{w}$  =4 , h =87 , x =0 , y =0 , v =348



$$\le =32$$
 , h =99 , x =68 , y =0 , v =3168

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

$$\le =33$$
 ,  $h$  =86 ,  $x$  =1 ,  $y$  =0 ,  $v$  =2838

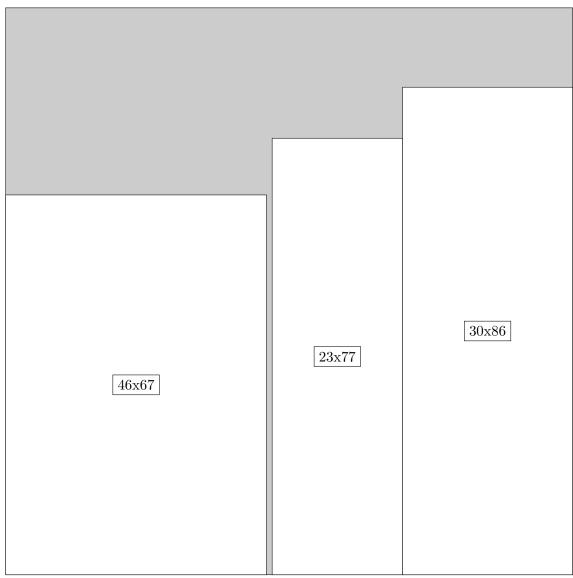


$$\le =32$$
 , h =69 , x =68 , y =0 , v =2208

$$\le =33$$
 , h =28 , x =67 , y =69 , v =924

$$\le =33$$
 , h =82 , x =32 , y =0 , v =2706

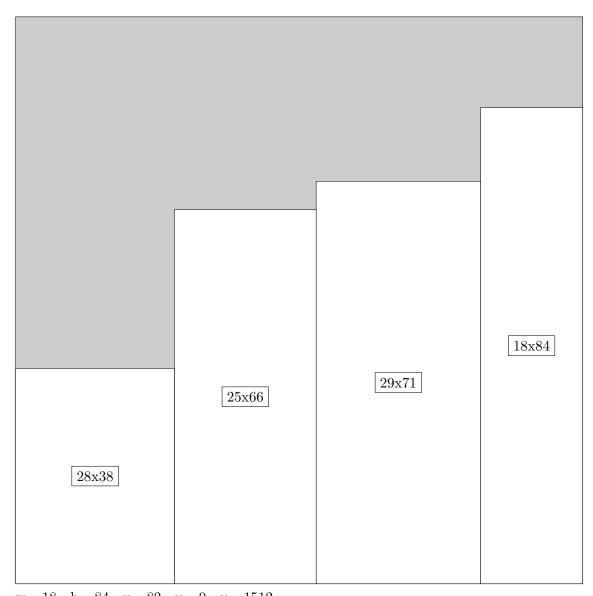
$$\le =32$$
 ,  $h$  =76 ,  $x$  =0 ,  $y$  =0 ,  $v$  =2432



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

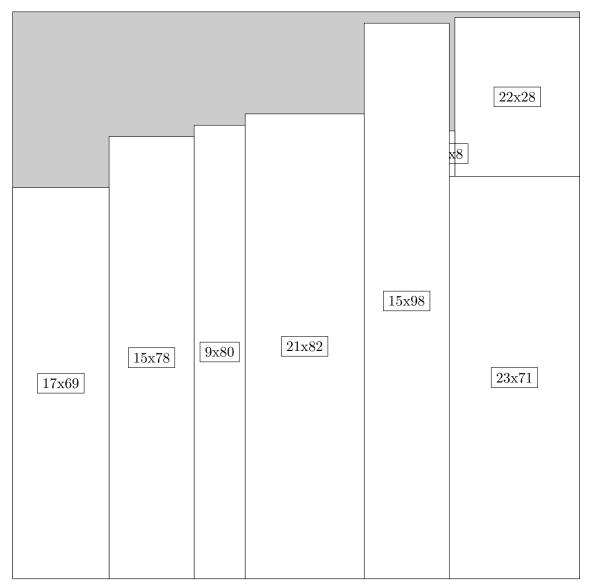
$$\le =23$$
 , h =77 , x =47 , y =0 , v =1771

$$\mathbf{w}$$
 =46 , h =67 , x =0 , y =0 , v =3082

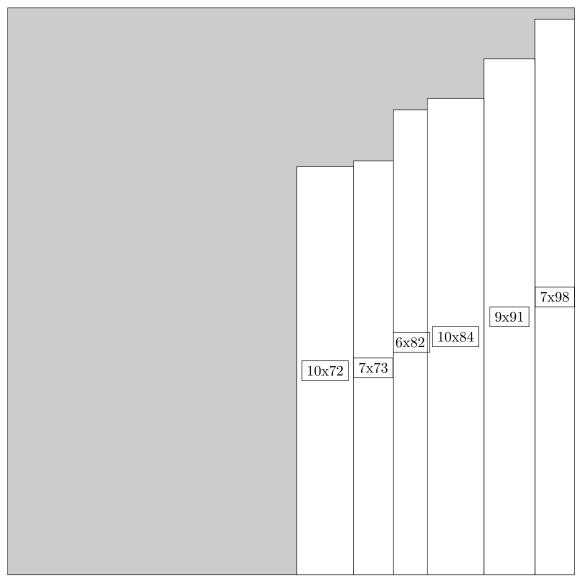


$$\begin{array}{l} w = 18 \ , \ h = \! 84 \ , \ x = \! 82 \ , \ y = \! 0 \ , \ v = \! 1512 \\ w = \! 29 \ , \ h = \! 71 \ , \ x = \! 53 \ , \ y = \! 0 \ , \ v = \! 2059 \\ w = \! 25 \ , \ h = \! 66 \ , \ x = \! 28 \ , \ y = \! 0 \ , \ v = \! 1650 \end{array}$$

 $\mathbf{w}$  =28 , h =38 , x =0 , y =0 , v =1064



 $\begin{array}{l} w=23 \ , \ h=71 \ , \ x=77 \ , \ y=0 \ , \ v=1633 \\ w=22 \ , \ h=28 \ , \ x=78 \ , \ y=71 \ , \ v=616 \\ w=1 \ , \ h=8 \ , \ x=77 \ , \ y=71 \ , \ v=8 \\ w=15 \ , \ h=98 \ , \ x=62 \ , \ y=0 \ , \ v=1470 \\ w=21 \ , \ h=82 \ , \ x=41 \ , \ y=0 \ , \ v=1722 \\ w=9 \ , \ h=80 \ , \ x=32 \ , \ y=0 \ , \ v=720 \\ w=15 \ , \ h=78 \ , \ x=17 \ , \ y=0 \ , \ v=1170 \\ w=17 \ , \ h=69 \ , \ x=0 \ , \ y=0 \ , \ v=1173 \end{array}$ 



 $\begin{array}{l} w=7\ ,\ h=98\ ,\ x=93\ ,\ y=0\ ,\ v=686\\ w=9\ ,\ h=91\ ,\ x=84\ ,\ y=0\ ,\ v=819\\ w=10\ ,\ h=84\ ,\ x=74\ ,\ y=0\ ,\ v=840\\ w=6\ ,\ h=82\ ,\ x=68\ ,\ y=0\ ,\ v=492\\ w=7\ ,\ h=73\ ,\ x=61\ ,\ y=0\ ,\ v=511\\ w=10\ ,\ h=72\ ,\ x=51\ ,\ y=0\ ,\ v=720 \end{array}$