$ClassName: \ Class\_05.2bp-28$ 

BinSize:  $100 \times 100$ ReduceSize:  $100 \times 100$ 

TypeNum: **60** Num: **60** OutS: 160000InS: 145150Rate: 0.907UB: <u>16</u>

LB0: **16** LB: **16** 

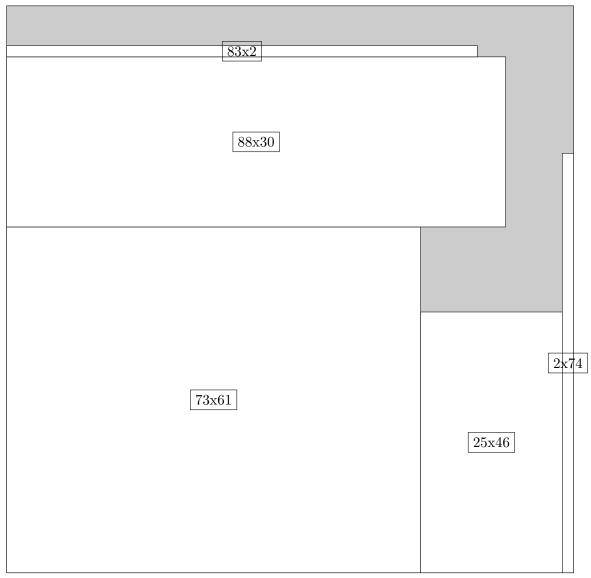
LBWithCut: 16 NodeCut: 0

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

GenNodeCnt:  $\mathbf{1}$ PrimalNode:  $\mathbf{0}$ ColumnCount: 16  $TotalCutCount: \ \mathbf{0}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

TimeOnInitSolution:  $\underline{0.360 \text{ s}}$ TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 s TimeOnRmp: 0.063 sTotalTime: 0.485 s



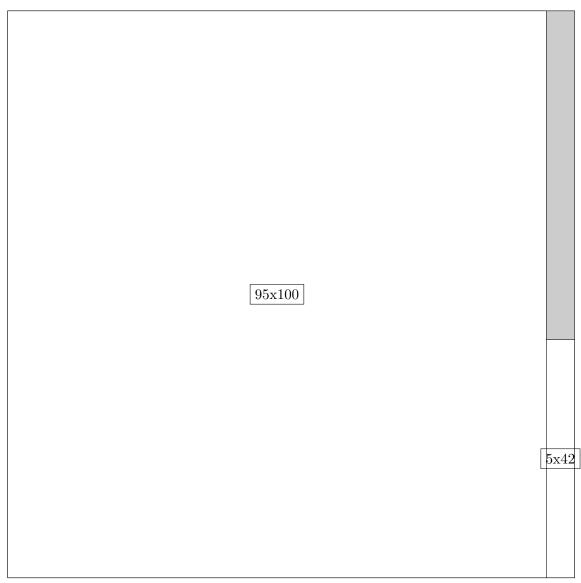
$$w = 25$$
,  $h = 46$ ,  $x = 73$ ,  $y = 0$ ,  $v = 1150$ 

$$\le -73$$
 ,  $h$  =61 ,  $x$  =0 ,  $y$  =0 ,  $v$  =4453

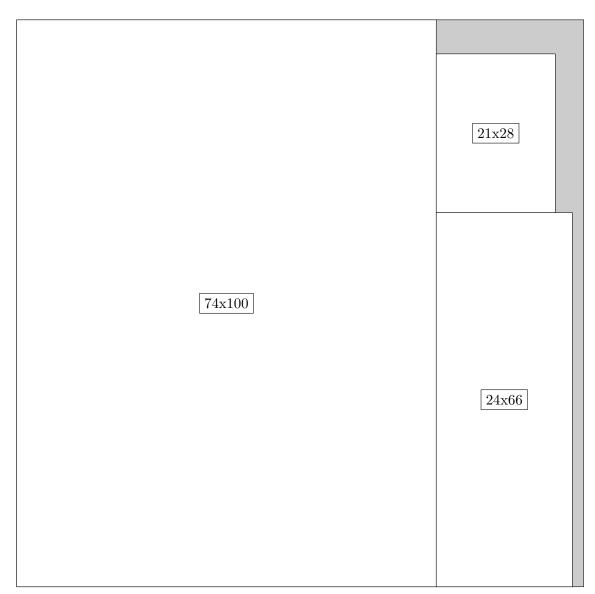
$$\le =88$$
 , h =30 , x =0 , y =61 , v =2640

$$\le =83$$
 , h =2 , x =0 , y =91 , v =166

$$\mathbf{w}$$
 =2 , h =74 , x =98 , y =0 , v =148



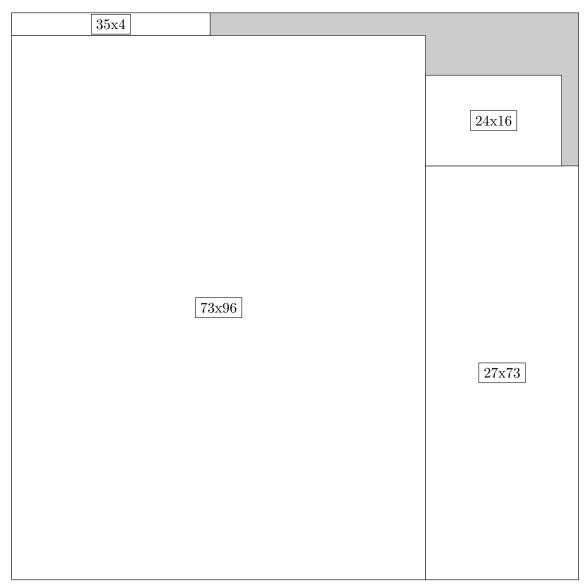
$$\begin{array}{l} w = \! 95 \ , \ h = \! 100 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 9500 \\ w = \! 5 \ , \ h = \! 42 \ , \ x = \! 95 \ , \ y = \! 0 \ , \ v = \! 210 \end{array}$$



$$w = 74$$
,  $h = 100$ ,  $x = 0$ ,  $y = 0$ ,  $v = 7400$ 

$$\le =24$$
 ,  $h$  =66 ,  $x$  =74 ,  $y$  =0 ,  $v$  =1584

$$\le =21$$
 ,  $h=28$  ,  $x=74$  ,  $y=66$  ,  $v=588$ 

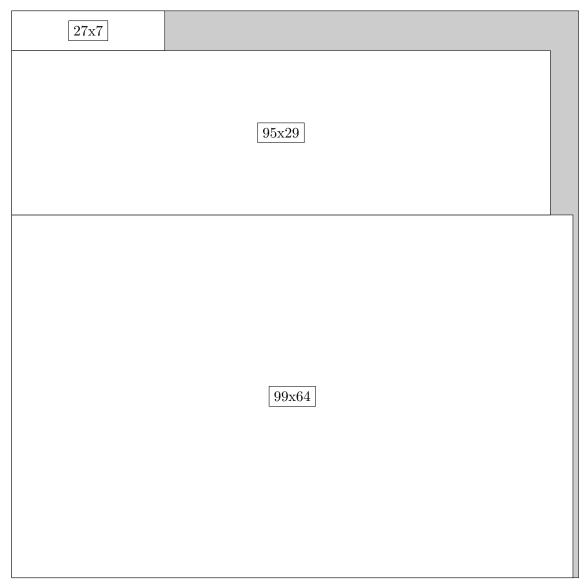


$$\le -73$$
 , h =96 , x =0 , y =0 , v =7008

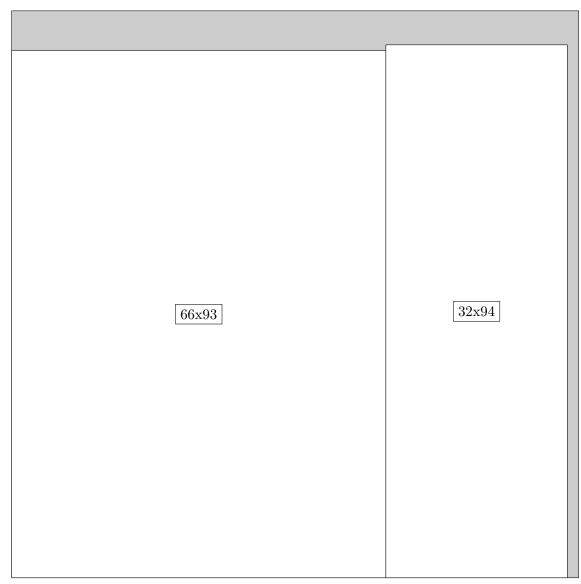
$$\le =27$$
 ,  $h$  =73 ,  $x$  =73 ,  $y$  =0 ,  $v$  =1971

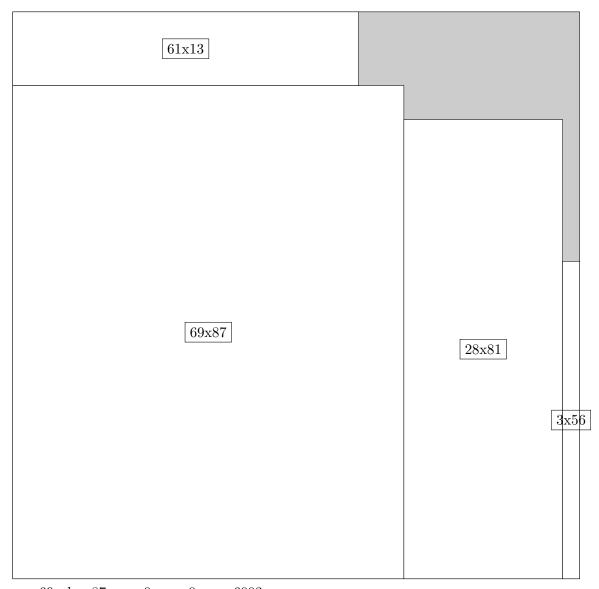
$$\le =24$$
 ,  $h$  =16 ,  $x$  =73 ,  $y$  =73 ,  $v$  =384

$$\le =35$$
 , h =4 , x =0 , y =96 , v =140



$$\begin{array}{l} w = \! 99 \ , \ h = \! 64 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6336 \\ w = \! 95 \ , \ h = \! 29 \ , \ x = \! 0 \ , \ y = \! 64 \ , \ v = \! 2755 \\ w = \! 27 \ , \ h = \! 7 \ , \ x = \! 0 \ , \ y = \! 93 \ , \ v = \! 189 \end{array}$$



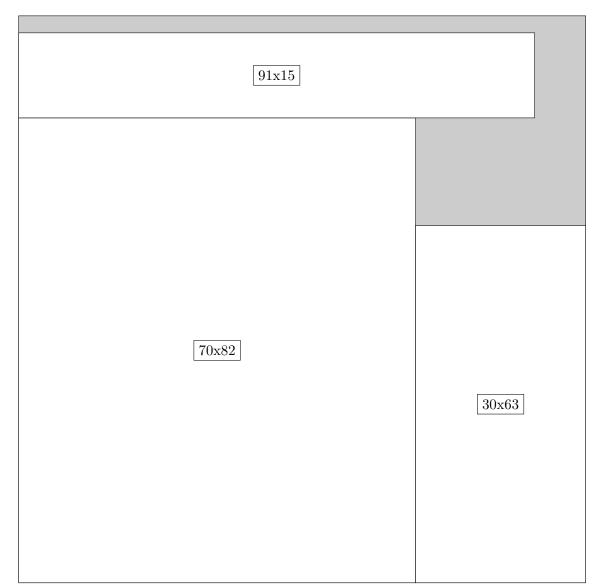


$$\begin{array}{l} w = \!69 \; , \; h = \!87 \; , \; x = \!0 \; , \; y = \!0 \; , \; v = \!6003 \\ w = \!28 \; , \; h = \!81 \; , \; x = \!69 \; , \; y = \!0 \; , \; v = \!2268 \end{array}$$

$$w = 61$$
,  $h = 13$ ,  $x = 0$ ,  $y = 87$ ,  $v = 793$ 

$$w = 61$$
,  $h = 13$ ,  $x = 0$ ,  $y = 87$ ,  $v = 793$ 

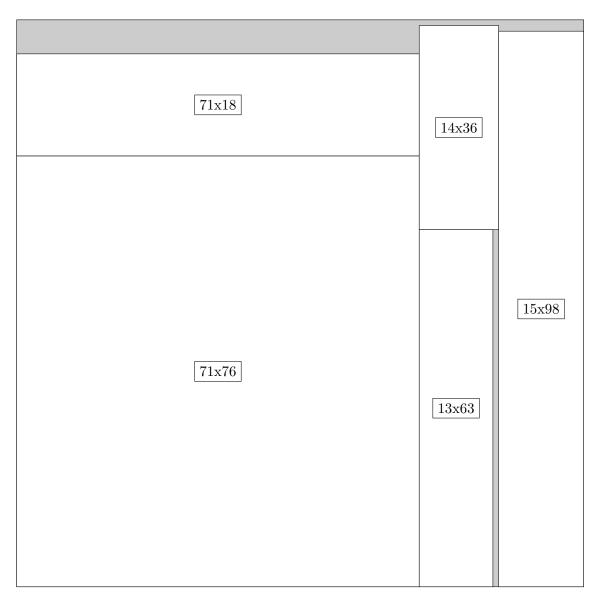
$$\mathbf{w}$$
 =3 , h =  
56 , x =97 , y =0 , v =  
168



$$\le =70$$
 , h =82 , x =0 , y =0 , v =5740

$$\le =30$$
 ,  $h$  =63 ,  $x$  =70 ,  $y$  =0 ,  $v$  =1890

$$\le =91$$
 , h =15 , x =0 , y =82 , v =1365



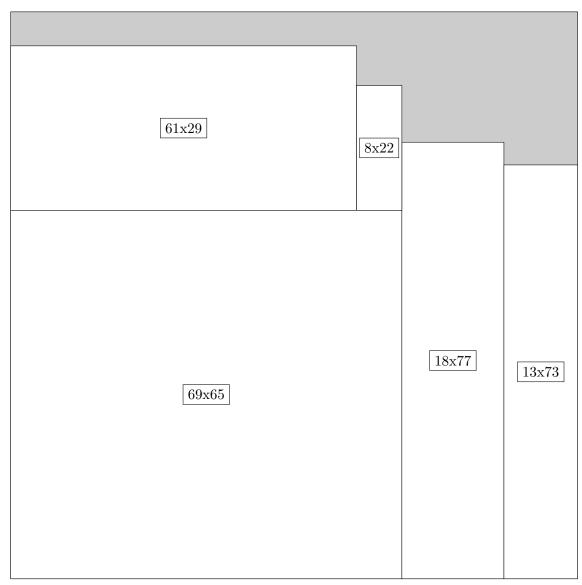
$$w$$
 =71 ,  $h$  =76 ,  $x$  =0 ,  $y$  =0 ,  $v$  =5396

$$\le =15$$
 , h =98 , x =85 , y =0 , v =1470

$$\mathbf{w}$$
 =71 , h =18 , x =0 , y =76 , v =1278

$$\le =13$$
 ,  $h=63$  ,  $x=71$  ,  $y=0$  ,  $v=819$ 

$$w = 14$$
,  $h = 36$ ,  $x = 71$ ,  $y = 63$ ,  $v = 504$ 



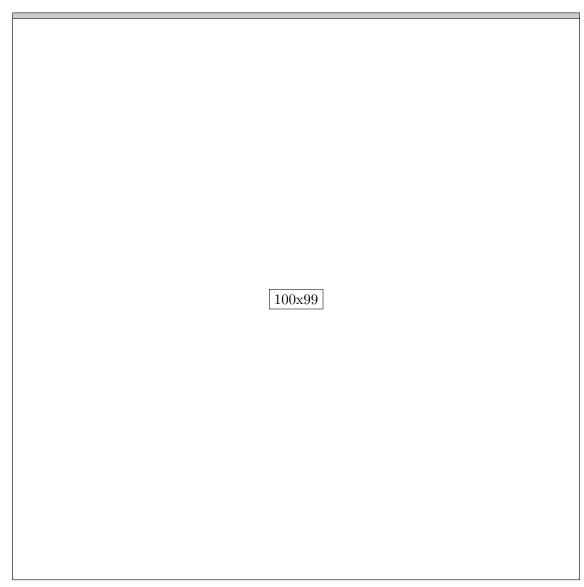
$$w = 69$$
,  $h = 65$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4485$ 

$$\le =61$$
 , h =29 , x =0 , y =65 , v =1769

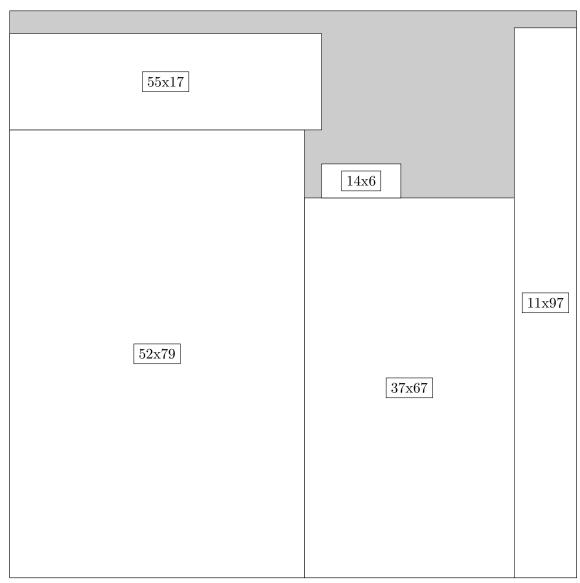
$$\le =18$$
 ,  $h=77$  ,  $x=69$  ,  $y=0$  ,  $v=1386$ 

$$\le =13$$
 ,  $h$  =73 ,  $x$  =87 ,  $y$  =0 ,  $v$  =949

$$w=8$$
 ,  $h=22$  ,  $x=61$  ,  $y=65$  ,  $v=176$ 



 $\le 100$  , h =99 , x =0 , y =0 , v =9900



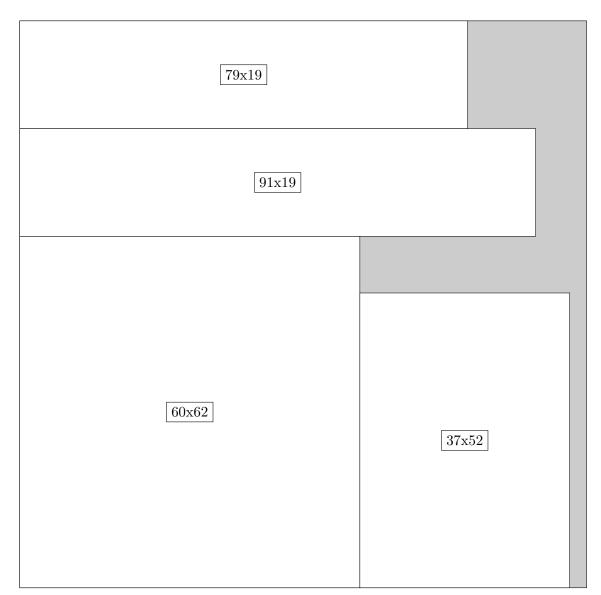
$$w=\!52$$
 ,  $h=\!79$  ,  $x=\!0$  ,  $y=\!0$  ,  $v=\!4108$ 

$$\le =37$$
 , h =67 , x =52 , y =0 , v =2479

$$\le =11$$
 , h =97 , x =89 , y =0 , v =1067

$$\le =55$$
 ,  $h$  =17 ,  $x$  =0 ,  $y$  =79 ,  $v$  =935

$$w = 14$$
,  $h = 6$ ,  $x = 55$ ,  $y = 67$ ,  $v = 84$ 

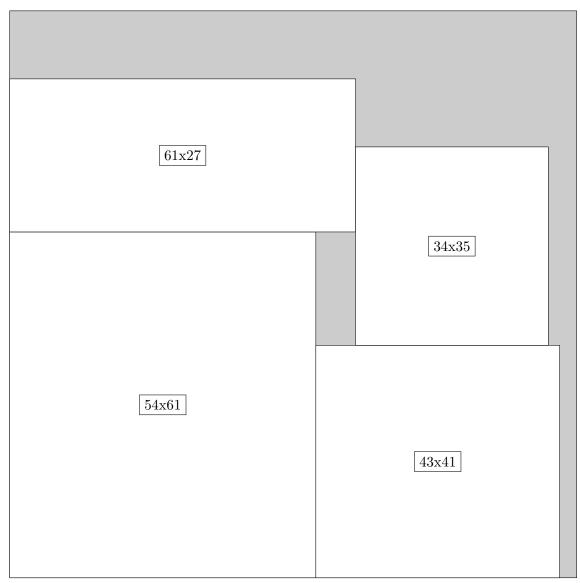


$$\mathbf{w}$$
 =60 , h =62 , x =0 , y =0 , v =3720

$$\le =37$$
 , h =52 , x =60 , y =0 , v =1924

$$\le =91$$
 , h =19 , x =0 , y =62 , v =1729

$$\mathbf{w}$$
 =79 , h =19 , x =0 , y =81 , v =1501

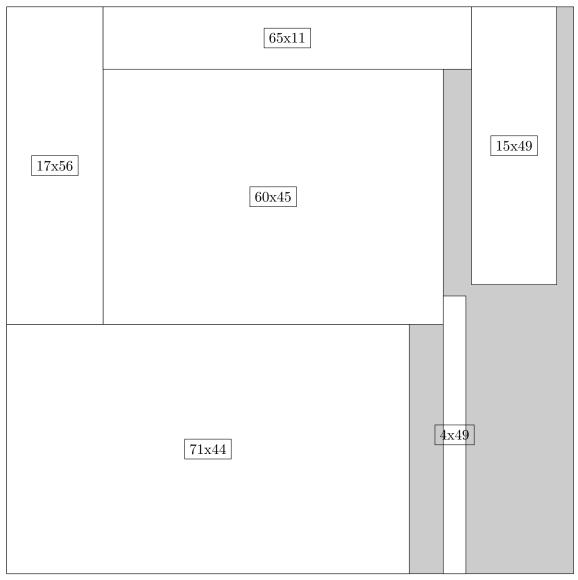


$$\le 54$$
 ,  $h$  =61 ,  $x$  =0 ,  $y$  =0 ,  $v$  =3294

$$\le =43$$
 , h =41 , x =54 , y =0 , v =1763

$$\le =61$$
 , h =27 , x =0 , y =61 , v =1647

$$\le =34$$
 , h =35 , x =61 , y =41 , v =1190



$$w = 71$$
,  $h = 44$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3124$ 

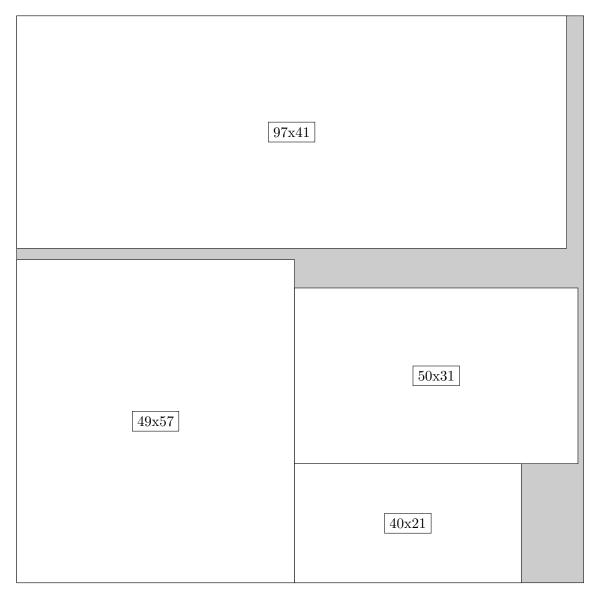
$$\le =60$$
 , h =45 , x =17 , y =44 , v =2700

$$\le =17$$
 ,  $h=56$  ,  $x=0$  ,  $y=44$  ,  $v=952$ 

$$w$$
 =15 , h =49 , x =82 , y =51 , v =735

$$\mathbf{w}$$
 =65 , h =11 , x =17 , y =89 , v =715

$$\mathbf{w}=\!\!4$$
 ,  $\mathbf{h}=\!\!49$  ,  $\mathbf{x}=\!\!77$  ,  $\mathbf{y}=\!\!0$  ,  $\mathbf{v}=\!\!196$ 



$$w = 97$$
,  $h = 41$ ,  $x = 0$ ,  $y = 59$ ,  $v = 3977$ 

$$\le =49$$
 ,  $h=\!57$  ,  $x=\!0$  ,  $y=\!0$  ,  $v=\!2793$ 

$$\le =50$$
 , h =31 , x =49 , y =21 , v =1550

$$\mathbf{w}$$
 =40 , h =21 , x =49 , y =0 , v =840