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

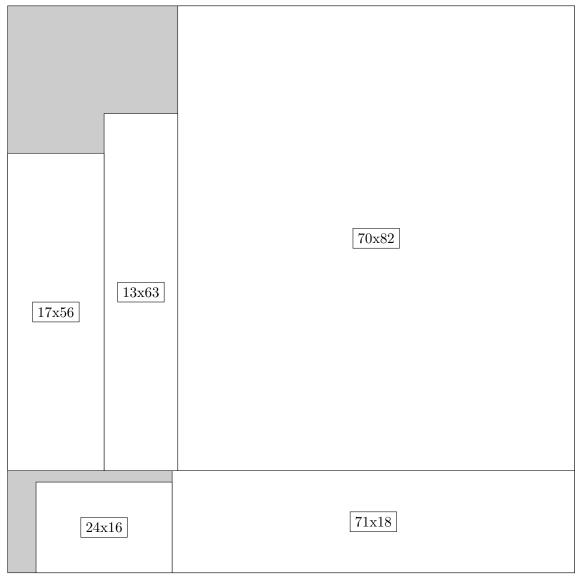
BinSize:  $\underline{100 \times 100}$ ReduceSize:  $\underline{100 \times 100}$ 

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

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

isOpt: **true** 

 $\begin{array}{ll} \text{TimeOnPrimal: } \underline{0.000 \text{ s}} \\ \text{TimeOnPricing: } \underline{0.000 \text{ s}} \\ \text{TimeOnRmp: } \underline{0.062 \text{ s}} \\ \text{TotalTime: } \underline{0.203 \text{ s}} \end{array}$ 



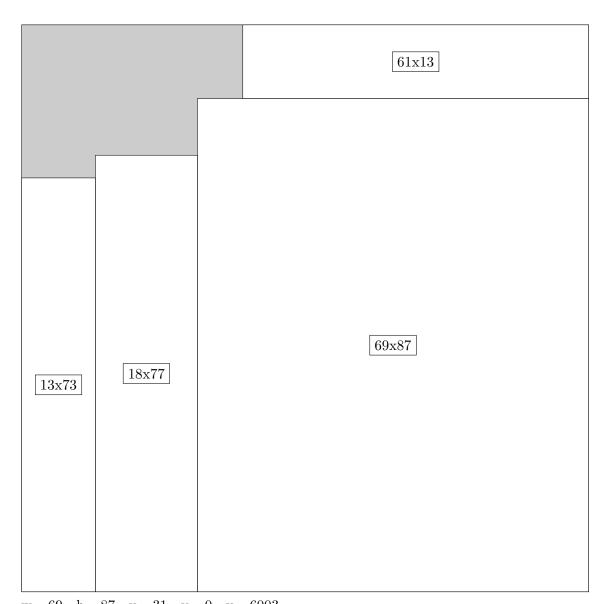
$$w = 71$$
,  $h = 18$ ,  $x = 29$ ,  $y = 0$ ,  $v = 1278$ 

$$w$$
 =24 , h =16 , x =5 , y =0 , v =384

$$\le =70$$
 , h =82 , x =30 , y =18 , v =5740

$$\le =13$$
 ,  $h$  =63 ,  $x$  =17 ,  $y$  =18 ,  $v$  =819

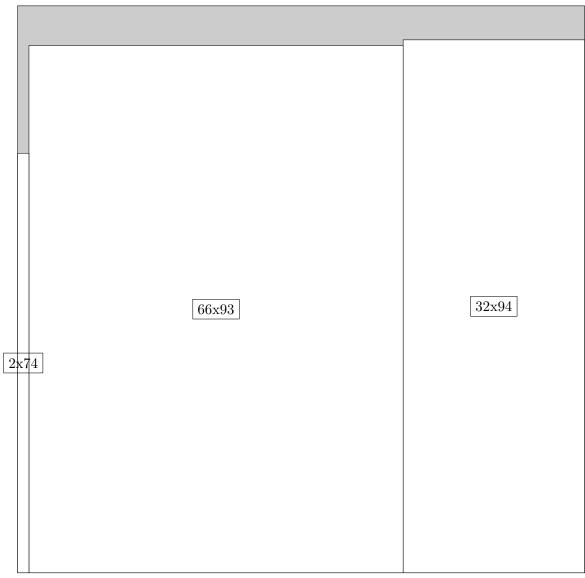
$$\mathbf{w}$$
 =17 , h =  
56 , x =0 , y =18 , v =  
952



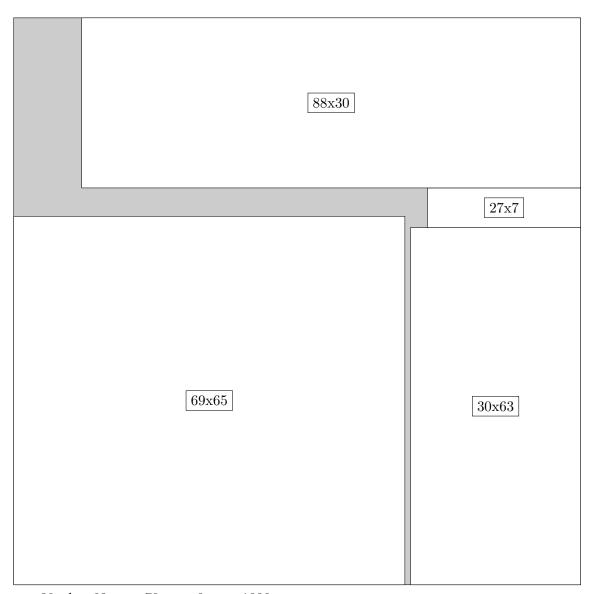
 $\begin{array}{c} w = \!\!69 \ , \ h = \!\!87 \ , \ x = \!\!31 \ , \ y = \!\!0 \ , \ v = \!\!6003 \\ w = \!\!18 \ , \ h = \!\!77 \ , \ x = \!\!13 \ , \ y = \!\!0 \ , \ v = \!\!1386 \\ \end{array}$ 

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

w = 61, h = 13, x = 39, y = 87, v = 793



 $\begin{array}{l} w = & 32 \ , \ h = & 94 \ , \ x = & 68 \ , \ y = & 0 \ , \ v = & 3008 \\ w = & 66 \ , \ h = & 93 \ , \ x = & 2 \ , \ y = & 0 \ , \ v = & 6138 \\ w = & 2 \ , \ h = & 74 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 148 \end{array}$ 

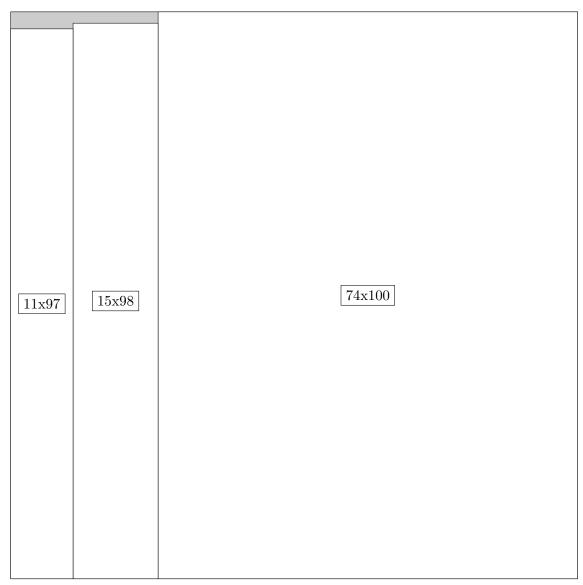


$$\le =30$$
 ,  $h$  =63 ,  $x$  =70 ,  $y$  =0 ,  $v$  =1890

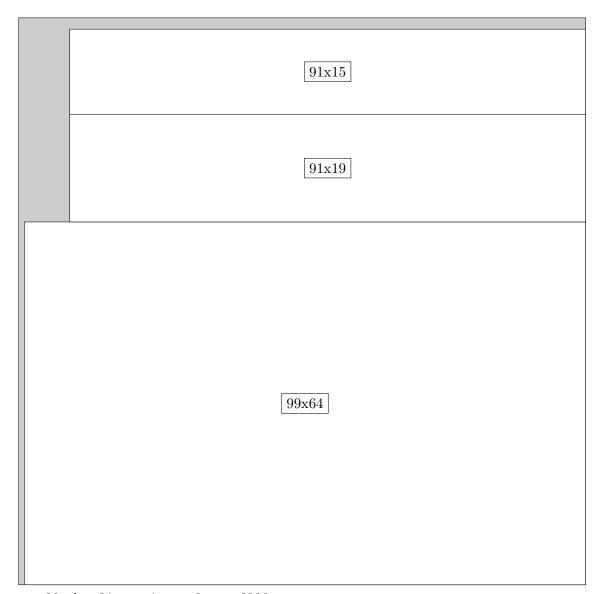
$$\le =27$$
 , h =7 , x =73 , y =63 , v =189

$$\le =69$$
 , h =65 , x =0 , y =0 , v =4485

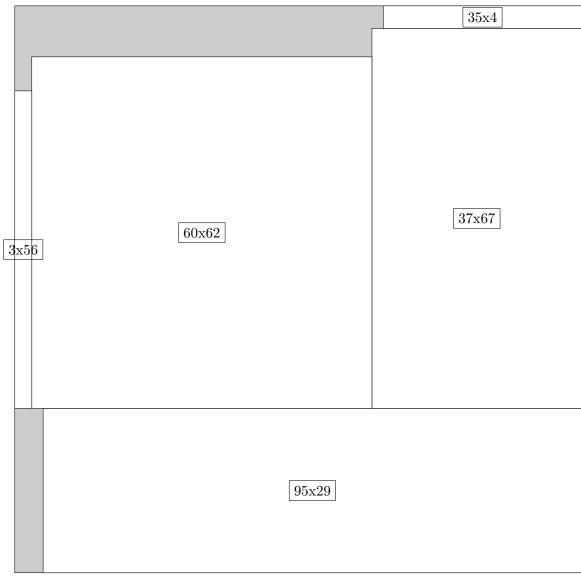
$$\le =88$$
 , h =30 , x =12 , y =70 , v =2640



 $\begin{array}{l} w = \! 74 \; , \; h = \! 100 \; , \; x = \! 26 \; , \; y = \! 0 \; , \; v = \! 7400 \\ w = \! 15 \; , \; h = \! 98 \; , \; x = \! 11 \; , \; y = \! 0 \; , \; v = \! 1470 \\ w = \! 11 \; , \; h = \! 97 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 1067 \end{array}$ 



$$\begin{array}{l} w = 99 \ , \ h = 64 \ , \ x = 1 \ , \ y = 0 \ , \ v = 6336 \\ w = 91 \ , \ h = 19 \ , \ x = 9 \ , \ y = 64 \ , \ v = 1729 \\ w = 91 \ , \ h = 15 \ , \ x = 9 \ , \ y = 83 \ , \ v = 1365 \end{array}$$



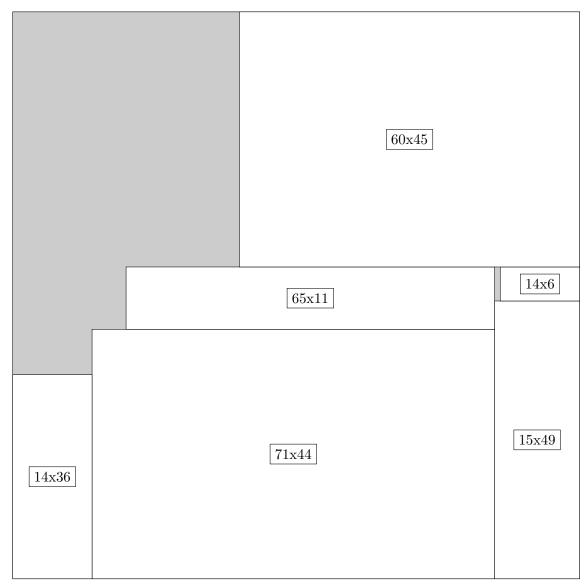
$$\mathbf{w}$$
 =95 , h =29 , x =5 , y =0 , v =2755

$$\le =37$$
 , h =67 , x =63 , y =29 , v =2479

$$\le =35$$
 , h =4 , x =65 , y =96 , v =140

$$\le =60$$
 , h =62 , x =3 , y =29 , v =3720

$$\mathbf{w} = \! 3$$
 ,  $\mathbf{h} = \! \! 56$  ,  $\mathbf{x} = \! \! 0$  ,  $\mathbf{y} = \! \! 29$  ,  $\mathbf{v} = \! \! 168$ 



$$w = 15$$
,  $h = 49$ ,  $x = 85$ ,  $y = 0$ ,  $v = 735$ 

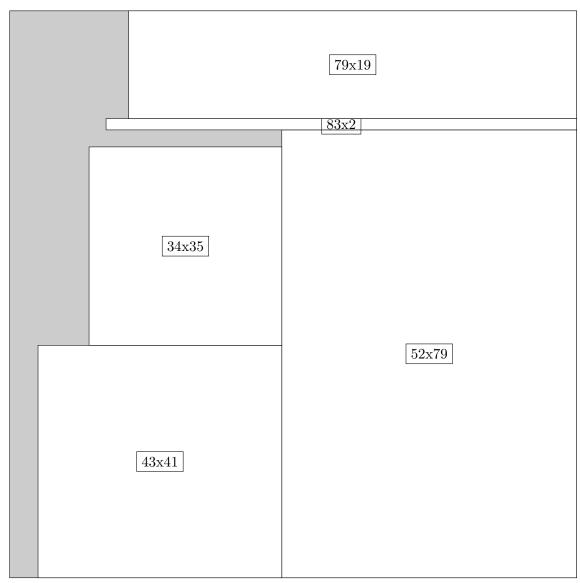
$$w = 14$$
,  $h = 6$ ,  $x = 86$ ,  $y = 49$ ,  $v = 84$ 

$$\mathbf{w}$$
 =71 , h =44 , x =14 , y =0 , v =3124

$$\mathbf{w}$$
 =65 , h =11 , x =20 , y =44 , v =715

$$\le =14$$
 ,  $h=36$  ,  $x=0$  ,  $y=0$  ,  $v=504$ 

$$w$$
 =60 ,  $h$  =45 ,  $x$  =40 ,  $y$  =55 ,  $v$  =2700



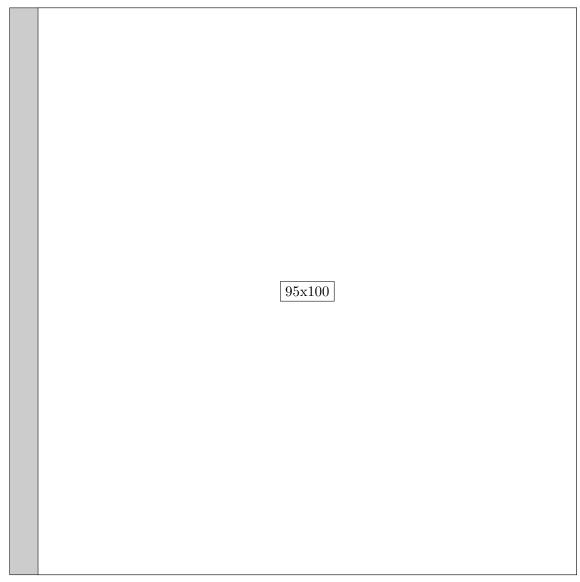
$$w$$
 =52 , h =79 , x =48 , y =0 , v =4108

$$\mathbf{w}=\!\!43$$
 ,  $\mathbf{h}=\!\!41$  ,  $\mathbf{x}=\!\!5$  ,  $\mathbf{y}=\!\!0$  ,  $\mathbf{v}=\!\!1763$ 

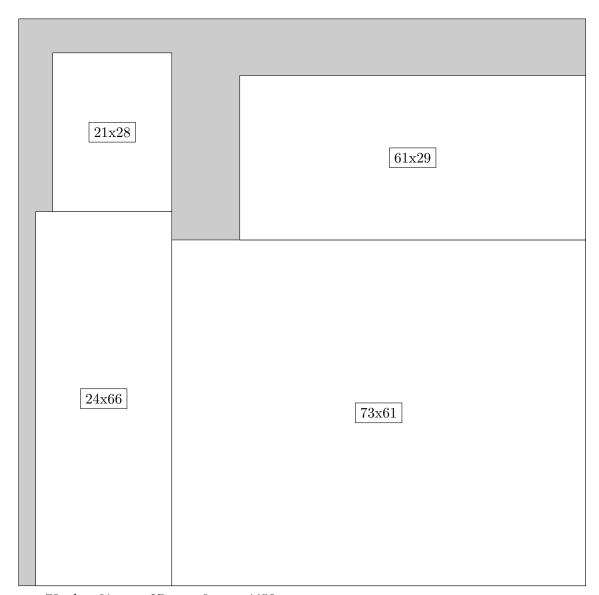
$$\le =34$$
 , h =35 , x =14 , y =41 , v =1190

$$\le =83$$
 , h =2 , x =17 , y =79 , v =166

$$w$$
 =79 ,  $h$  =19 ,  $x$  =21 ,  $y$  =81 ,  $v$  =1501



 $\le =95$  , h =100 , x =5 , y =0 , v =9500

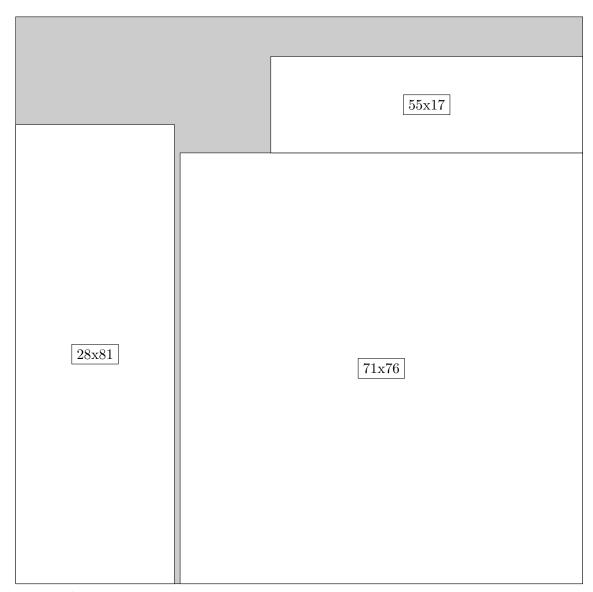


$$\le =73$$
 , h =61 , x =27 , y =0 , v =4453

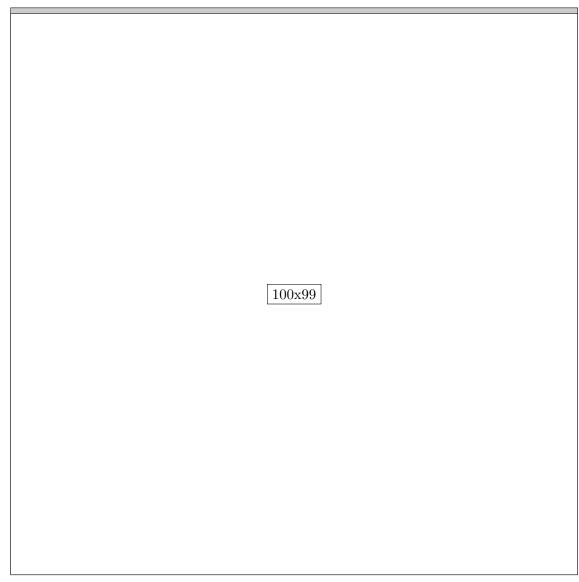
$$\le =61$$
 , h =29 , x =39 , y =61 , v =1769

$$\le =24$$
 , h =66 , x =3 , y =0 , v =1584

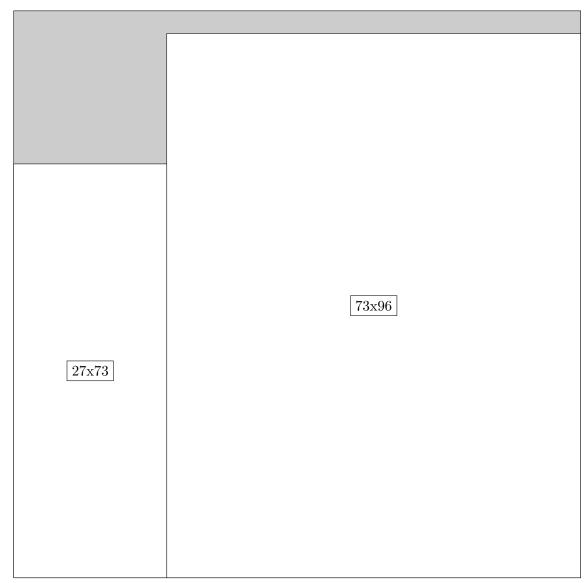
$$\le =21$$
 ,  $h=28$  ,  $x=6$  ,  $y=66$  ,  $v=588$ 



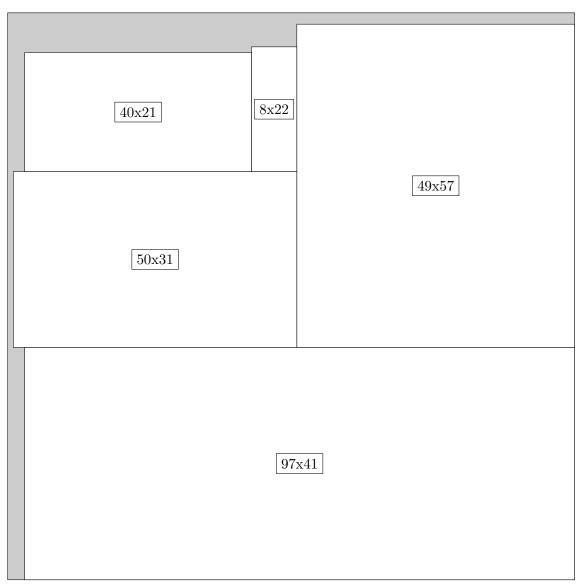
 $\begin{array}{l} w = \! 71 \ , \ h = \! 76 \ , \ x = \! 29 \ , \ y = \! 0 \ , \ v = \! 5396 \\ w = \! 55 \ , \ h = \! 17 \ , \ x = \! 45 \ , \ y = \! 76 \ , \ v = \! 935 \\ w = \! 28 \ , \ h = \! 81 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2268 \end{array}$ 



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



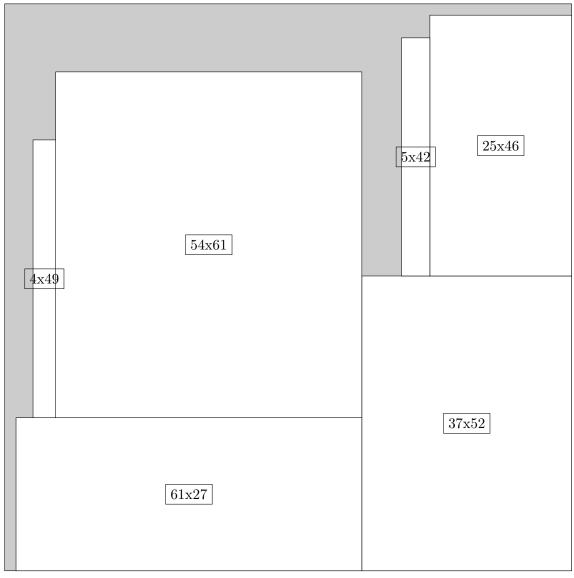
$$\begin{array}{l} w = \! 73 \ , \ h = \! 96 \ , \ x = \! 27 \ , \ y = \! 0 \ , \ v = \! 7008 \\ w = \! 27 \ , \ h = \! 73 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1971 \end{array}$$



$$w$$
 =97 ,  $h$  =41 ,  $x$  =3 ,  $y$  =0 ,  $v$  =3977

$$w$$
 =49 ,  $h$  =57 ,  $x$  =51 ,  $y$  =41 ,  $v$  =2793

$$\le =8$$
 , h =22 , x =43 , y =72 , v =176



$$\begin{array}{l} w = \!\! 37 \;,\; h = \!\! 52 \;,\; x = \!\! 63 \;,\; y = \!\! 0 \;,\; v = \!\! 1924 \\ w = \!\! 25 \;,\; h = \!\! 46 \;,\; x = \!\! 75 \;,\; y = \!\! 52 \;,\; v = \!\! 1150 \\ w = \!\! 5 \;,\; h = \!\! 42 \;,\; x = \!\! 70 \;,\; y = \!\! 52 \;,\; v = \!\! 210 \\ w = \!\! 61 \;,\; h = \!\! 27 \;,\; x = \!\! 2 \;,\; y = \!\! 0 \;,\; v = \!\! 1647 \\ w = \!\! 54 \;,\; h = \!\! 61 \;,\; x = \!\! 9 \;,\; y = \!\! 27 \;,\; v = \!\! 3294 \\ w = \!\! 4 \;,\; h = \!\! 49 \;,\; x = \!\! 5 \;,\; y = \!\! 27 \;,\; v = \!\! 196 \end{array}$$