$ClassName: \ Class\_10.2bp-46$ 

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

TypeNum: 99
Num: 100
OutS: 140000
InS: 128538
Rate: 0.918
UB: 14
LB0: 13
LB: 14

LBWithCut:  $\underline{14}$ NodeCut:  $\underline{0}$ 

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

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{69}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{55}}$ PricingSolverCnt:  $\underline{\mathbf{55}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

isOpt: false

TimeOnInitSolution:  $\underline{120.010 \text{ s}}$ 

TimeOnPrimal: 0.000 sTimeOnPricing: 3600.177 s

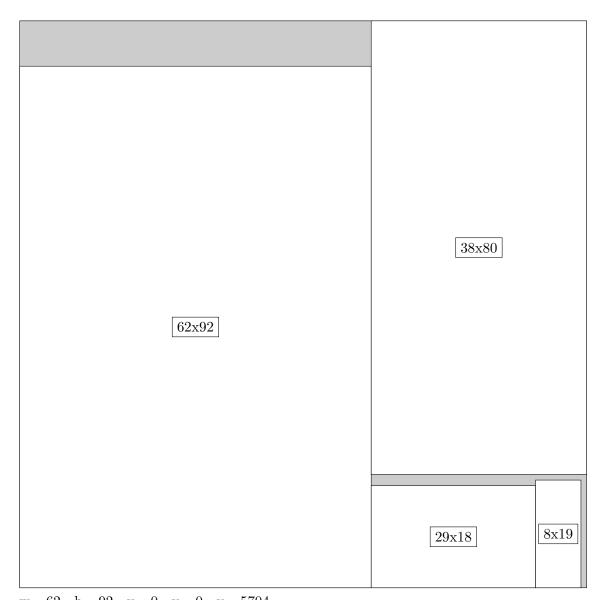
TimeOnRmp:  $\underline{0.143 \text{ s}}$ TotalTime:  $\underline{3720.392 \text{ s}}$ 

26x11	30x11
100x89	
100003	

$$w = 100$$
,  $h = 89$ ,  $x = 0$ ,  $y = 0$ ,  $v = 8900$ 

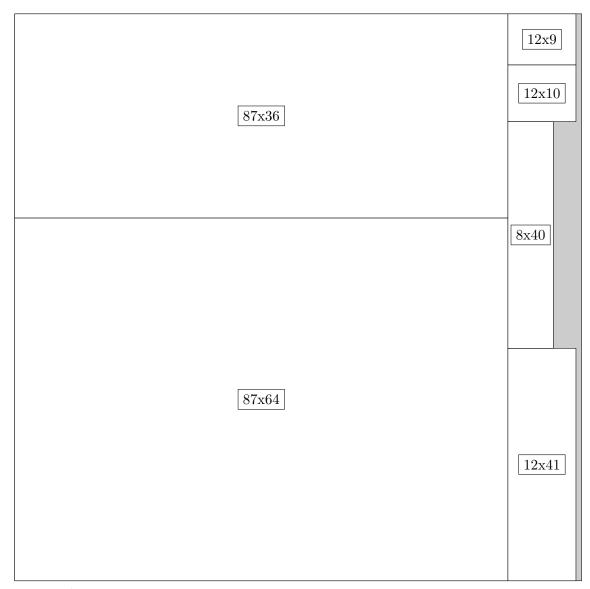
$$\le =30$$
 , h =11 , x =70 , y =89 , v =330

$$\le =26$$
 , h =11 , x =44 , y =89 , v =286

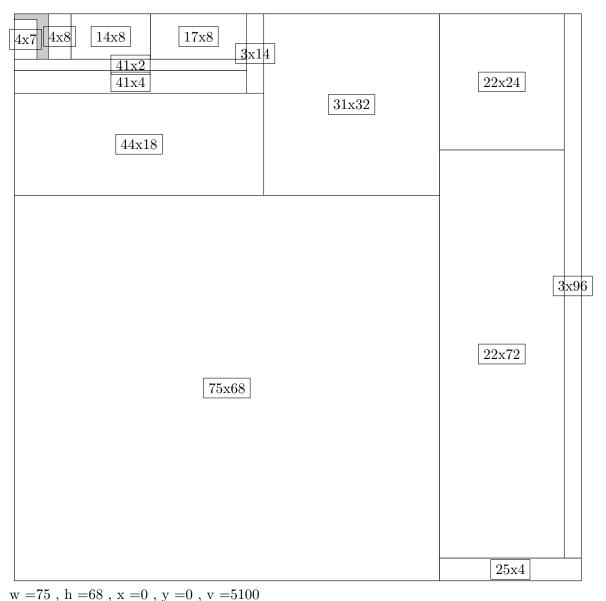


 $\le =62$  , h =92 , x =0 , y =0 , v =5704  $\le =38$  , h =80 , x =62 , y =20 , v =3040  $\le =29$  , h =18 , x =62 , y =0 , v =522

w =8 , h =19 , x =91 , y =0 , v =152



$$\begin{array}{l} w = \! 87 \; , \; h = \! 64 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 5568 \\ w = \! 87 \; , \; h = \! 36 \; , \; x = \! 0 \; , \; y = \! 64 \; , \; v = \! 3132 \\ w = \! 12 \; , \; h = \! 41 \; , \; x = \! 87 \; , \; y = \! 0 \; , \; v = \! 492 \\ w = \! 8 \; , \; h = \! 40 \; , \; x = \! 87 \; , \; y = \! 41 \; , \; v = \! 320 \\ w = \! 12 \; , \; h = \! 10 \; , \; x = \! 87 \; , \; y = \! 81 \; , \; v = \! 120 \\ w = \! 12 \; , \; h = \! 9 \; , \; x = \! 87 \; , \; y = \! 91 \; , \; v = \! 108 \end{array}$$



```
w =22, h =72, x =75, y =4, v =1584

w =31, h =32, x =44, y =68, v =992

w =44, h =18, x =0, y =68, v =792

w =22, h =24, x =75, y =76, v =528

w =3, h =96, x =97, y =4, v =288

w =41, h =4, x =0, y =86, v =164

w =17, h =8, x =24, y =92, v =136

w =14, h =8, x =10, y =92, v =112

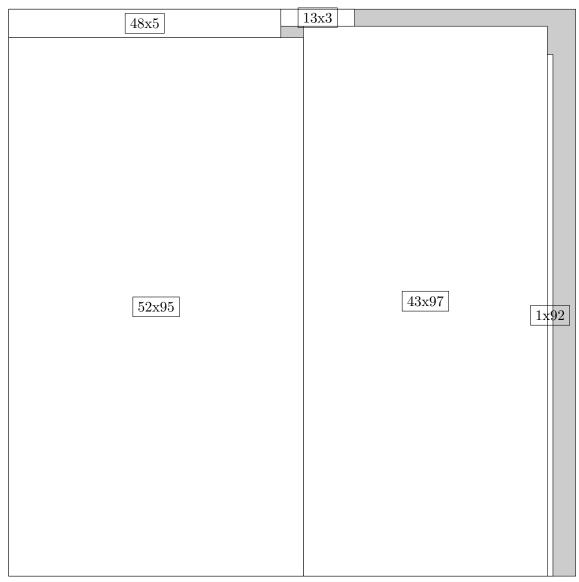
w =25, h =4, x =75, y =0, v =100

w =41, h =2, x =0, y =90, v =82

w =3, h =14, x =41, y =86, v =42

w =4, h =8, x =6, y =92, v =32

w =4, h =7, x =0, y =92, v =28
```



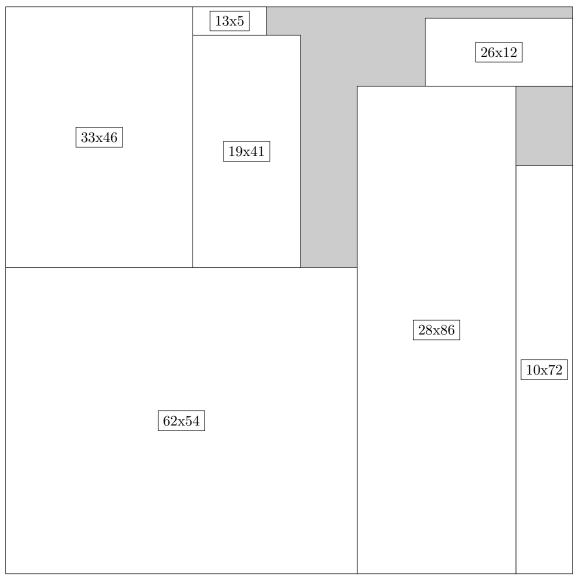
 $\le =52$  , h =95 , x =0 , y =0 , v =4940

w = 43, h = 97, x = 52, y = 0, v = 4171

w = 48, h = 5, x = 0, y = 95, v = 240

w = 1, h = 92, x = 95, y = 0, v = 92

 $\le =13$  , h =3 , x =48 , y =97 , v =39



$$w = 10$$
,  $h = 72$ ,  $x = 90$ ,  $y = 0$ ,  $v = 720$ 

$$\le =28$$
 ,  $h$  =86 ,  $x$  =62 ,  $y$  =0 ,  $v$  =2408

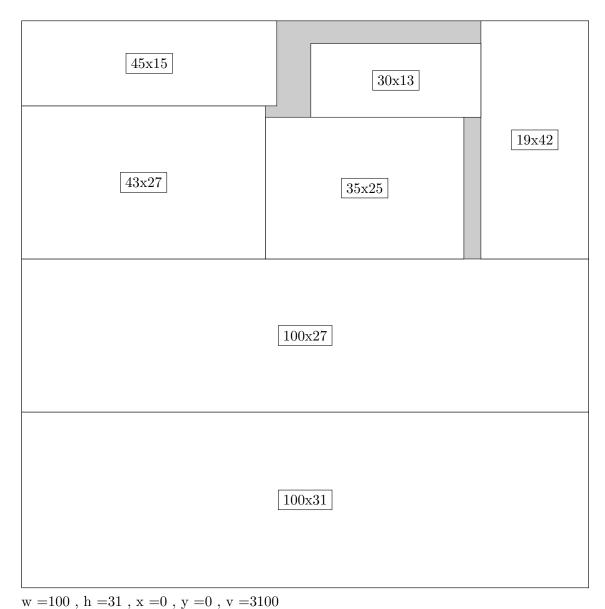
$$\le =33$$
 , h =46 , x =0 , y =54 , v =1518

$$w = 19$$
,  $h = 41$ ,  $x = 33$ ,  $y = 54$ ,  $v = 779$ 

$$\le =62$$
 ,  $h=54$  ,  $x=0$  ,  $y=0$  ,  $v=3348$ 

$$w$$
 =26 ,  $h$  =12 ,  $x$  =74 ,  $y$  =86 ,  $v$  =312

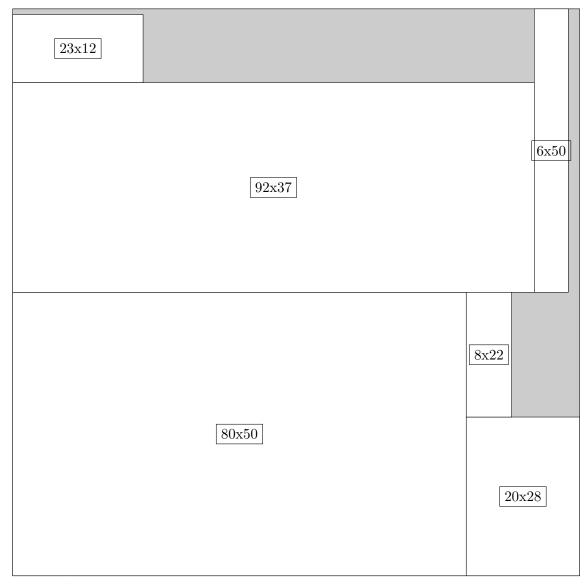
$$w = 13$$
,  $h = 5$ ,  $x = 33$ ,  $y = 95$ ,  $v = 65$ 



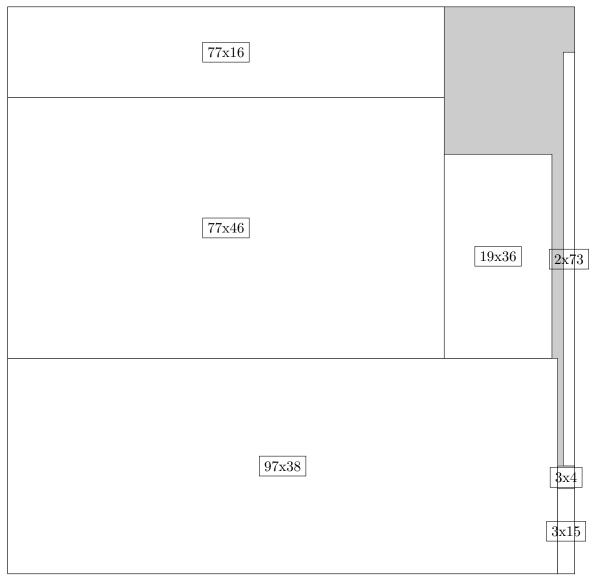
```
\le =100 , h =27 , x =0 , y =31 , v =2700
\le =43 , h =27 , x =0 , y =58 , v =1161
\le =35 , h =25 , x =43 , y =58 , v =875
w=\!19 , h=\!42 , x=\!81 , y=\!58 , v=\!798
```

 $\le =45$  , h=15 , x=0 , y=85 , v=675

w = 30, h = 13, x = 51, y = 83, v = 390



$$\begin{array}{l} w = \! 80 \;, \; h = \! 50 \;, \; x = \! 0 \;, \; y = \! 0 \;, \; v = \! 4000 \\ w = \! 92 \;, \; h = \! 37 \;, \; x = \! 0 \;, \; y = \! 50 \;, \; v = \! 3404 \\ w = \! 20 \;, \; h = \! 28 \;, \; x = \! 80 \;, \; y = \! 0 \;, \; v = \! 560 \\ w = \! 6 \;, \; h = \! 50 \;, \; x = \! 92 \;, \; y = \! 50 \;, \; v = \! 300 \\ w = \! 23 \;, \; h = \! 12 \;, \; x = \! 0 \;, \; y = \! 87 \;, \; v = \! 276 \\ w = \! 8 \;, \; h = \! 22 \;, \; x = \! 80 \;, \; y = \! 28 \;, \; v = \! 176 \end{array}$$



$$w = 97$$
,  $h = 38$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3686$ 

$$w = 77$$
,  $h = 46$ ,  $x = 0$ ,  $y = 38$ ,  $v = 3542$ 

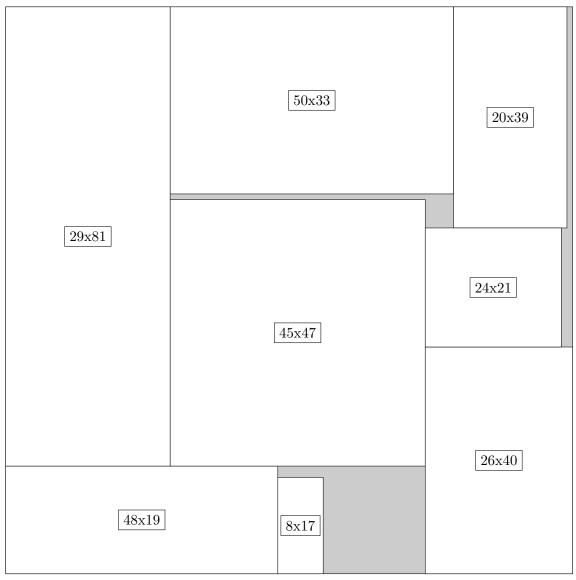
$$\le =77$$
 , h =16 , x =0 , y =84 , v =1232

$$w$$
 =19 , h =36 , x =77 , y =38 , v =684

$$w$$
 =2 , h =73 , x =98 , y =19 , v =146

$$w=3$$
 ,  $h=\!15$  ,  $x=\!97$  ,  $y=\!0$  ,  $v=\!45$ 

$$w=3$$
 ,  $h=4$  ,  $x=97$  ,  $y=15$  ,  $v=12$ 



$$w = 48$$
,  $h = 19$ ,  $x = 0$ ,  $y = 0$ ,  $v = 912$ 

$$w = 45$$
,  $h = 47$ ,  $x = 29$ ,  $y = 19$ ,  $v = 2115$ 

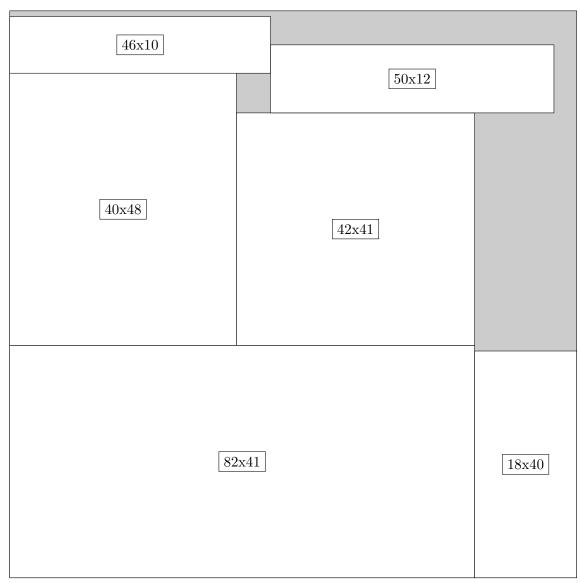
$$w = 26$$
,  $h = 40$ ,  $x = 74$ ,  $y = 0$ ,  $v = 1040$ 

$$\le =29$$
 , h =81 , x =0 , y =19 , v =2349

$$\le =20$$
 ,  $h=39$  ,  $x=79$  ,  $y=61$  ,  $v=780$ 

$$w = 24$$
,  $h = 21$ ,  $x = 74$ ,  $y = 40$ ,  $v = 504$ 

$$\le =8$$
 ,  $h$  =17 ,  $x$  =48 ,  $y$  =0 ,  $v$  =136



$$w = 82$$
,  $h = 41$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3362$ 

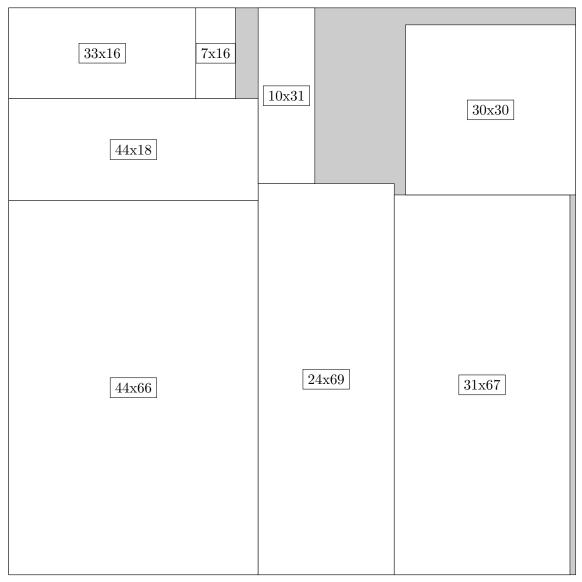
$$\mathbf{w}=\!\!40$$
 ,  $\mathbf{h}=\!\!48$  ,  $\mathbf{x}=\!\!0$  ,  $\mathbf{y}=\!\!41$  ,  $\mathbf{v}=\!\!1920$ 

$$\mathbf{w}$$
 =42 , h =41 , x =40 , y =41 , v =1722

$$\mathbf{w}$$
 =18 , h =40 , x =82 , y =0 , v =720

$$w=\!50$$
 ,  $h=\!12$  ,  $x=\!46$  ,  $y=\!82$  ,  $v=\!600$ 

$$\le =46$$
 ,  $h=10$  ,  $x=0$  ,  $y=89$  ,  $v=460$ 



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

$$\le =24$$
 ,  $h=69$  ,  $x=44$  ,  $y=0$  ,  $v=1656$ 

$$\le =31$$
 ,  $h=\!67$  ,  $x=\!68$  ,  $y=\!0$  ,  $v=\!2077$ 

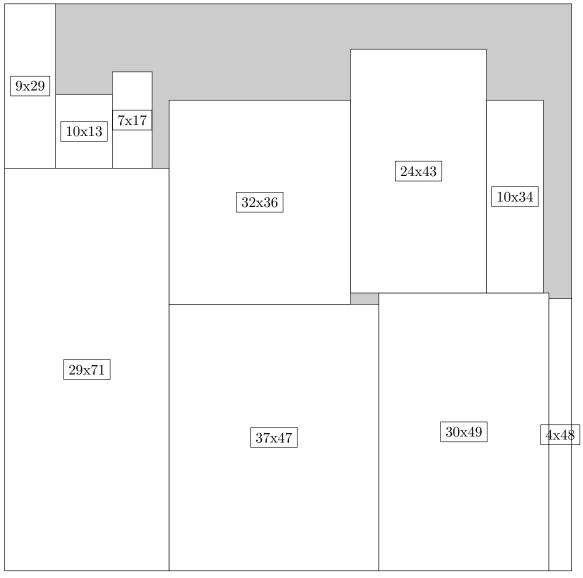
$$w = 30$$
,  $h = 30$ ,  $x = 70$ ,  $y = 67$ ,  $v = 900$ 

$$\mathbf{w}$$
 =44 , h =18 , x =0 , y =66 , v =792

$$\le =33$$
 ,  $h$  =16 ,  $x$  =0 ,  $y$  =84 ,  $v$  =528

$$w = 10$$
,  $h = 31$ ,  $x = 44$ ,  $y = 69$ ,  $v = 310$ 

$$w$$
 =7 ,  $h$  =16 ,  $x$  =33 ,  $y$  =84 ,  $v$  =112



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

$$\le =37$$
 , h =47 , x =29 , y =0 , v =1739

$$\le =30$$
 , h =49 , x =66 , y =0 , v =1470

$$w = 32$$
,  $h = 36$ ,  $x = 29$ ,  $y = 47$ ,  $v = 1152$ 

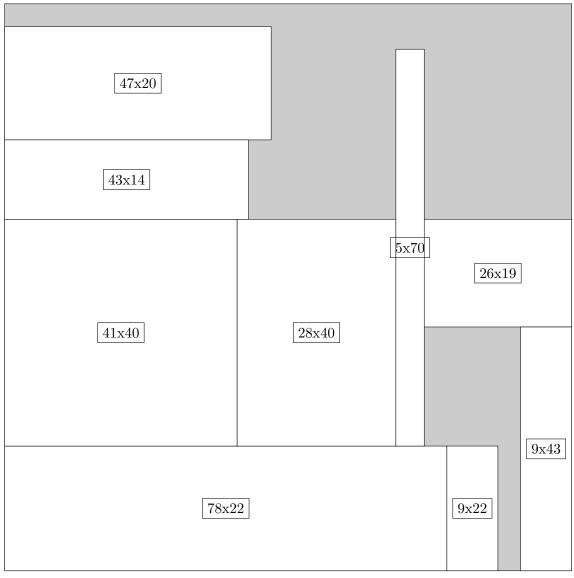
$$\le =24$$
 , h =43 , x =61 , y =49 , v =1032

$$\le =10$$
 , h =34 , x =85 , y =49 , v =340

$$w$$
 =9 ,  $h$  =29 ,  $x$  =0 ,  $y$  =71 ,  $v$  =261

$$\mathbf{w}$$
 =4 , h =48 , x =96 , y =0 , v =192

$$\mathbf{w}$$
 =10 , h =13 , x =9 , y =71 , v =130



$$w = 78$$
,  $h = 22$ ,  $x = 0$ ,  $y = 0$ ,  $v = 1716$ 

$$\mathbf{w}$$
 =41 , h =40 , x =0 , y =22 , v =1640

$$w = 28$$
,  $h = 40$ ,  $x = 41$ ,  $y = 22$ ,  $v = 1120$ 

$$w = 47$$
,  $h = 20$ ,  $x = 0$ ,  $y = 76$ ,  $v = 940$ 

$$\le =43$$
 ,  $h=14$  ,  $x=0$  ,  $y=62$  ,  $v=602$ 

$$w$$
 =26 ,  $h$  =19 ,  $x$  =74 ,  $y$  =43 ,  $v$  =494

$$w$$
 =9 , h =43 , x =91 , y =0 , v =387

$$w=\!5$$
 ,  $h=\!70$  ,  $x=\!69$  ,  $y=\!22$  ,  $v=\!350$ 

$$w = 9$$
,  $h = 22$ ,  $x = 78$ ,  $y = 0$ ,  $v = 198$