$ClassName: \ Class\_07.2bp-25$ 

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>150000</u> InS: <u>121269</u> Rate: <u>0.808</u> UB: <u>15</u> LB0: <u>15</u> LB: <u>15</u>

LBWithCut:  $\underline{\bf 15}$ NodeCut:  $\underline{\bf 0}$ 

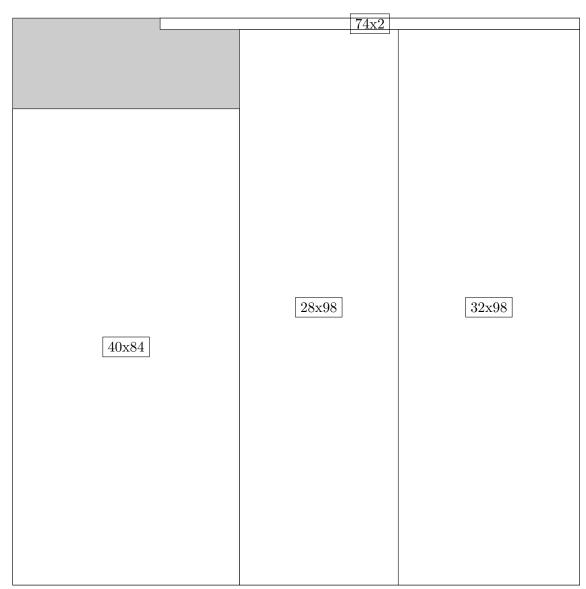
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{15}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.047 sTotalTime: 600.328 s

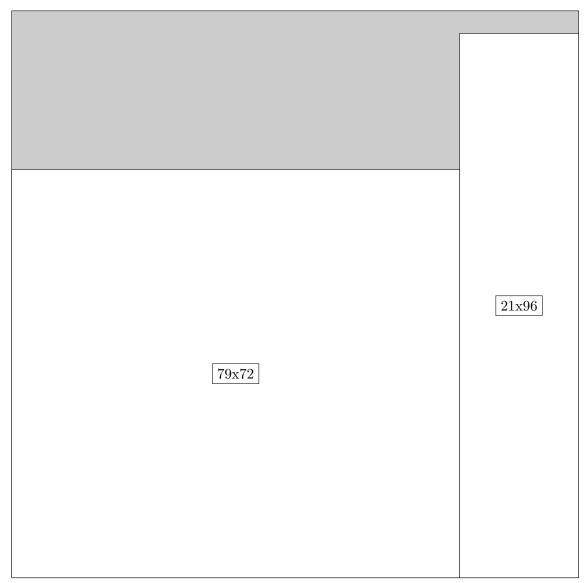


 $\le =32$  , h =98 , x =68 , y =0 , v =3136

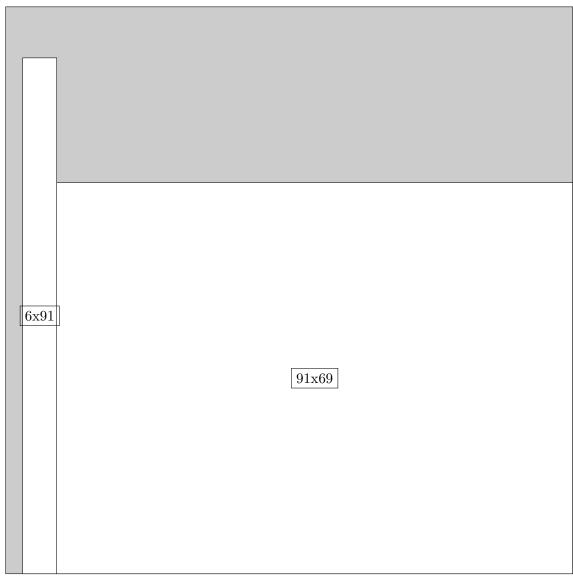
 $\le =28$  , h =98 , x =40 , y =0 , v =2744

 $\le =40$  , h=84 , x=0 , y=0 ,  $v=\!3360$ 

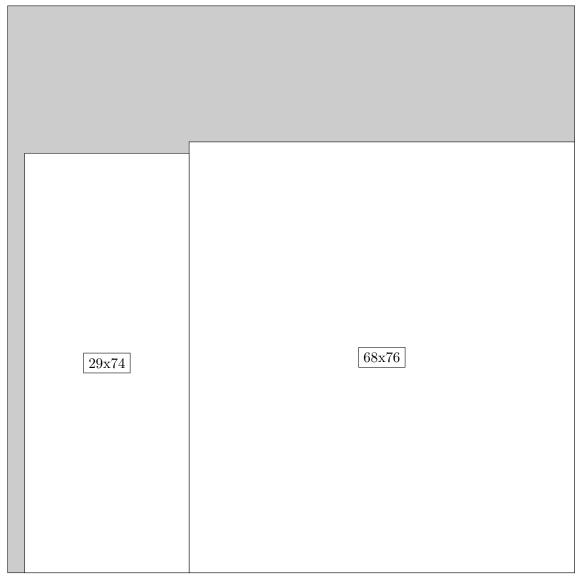
w =74 , h =2 , x =26 , y =98 , v =148



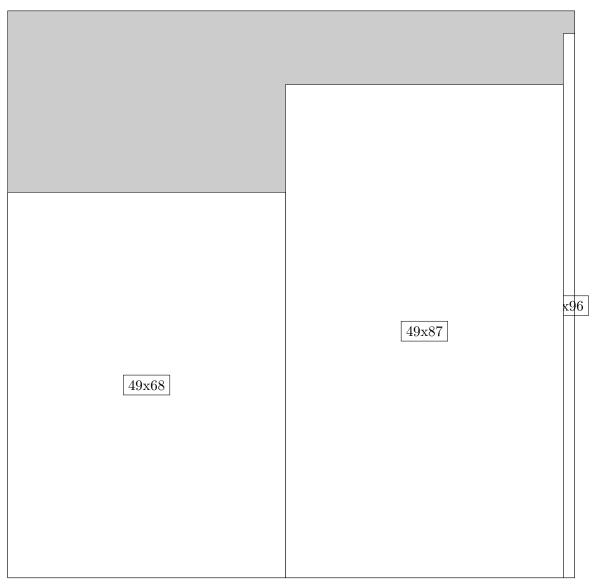
$$\begin{array}{l} w = \! 21 \ , \ h = \! 96 \ , \ x = \! 79 \ , \ y = \! 0 \ , \ v = \! 2016 \\ w = \! 79 \ , \ h = \! 72 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5688 \end{array}$$



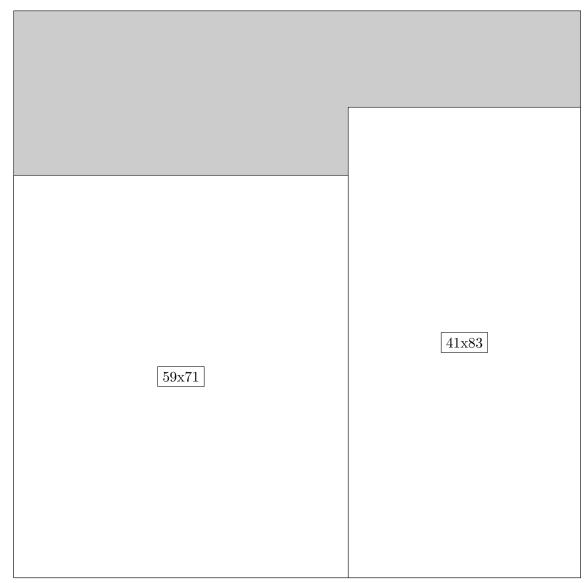
$$\begin{array}{l} w = \! 91 \; , \; h = \! 69 \; , \; x = \! 9 \; , \; y = \! 0 \; , \; v = \! 6279 \\ w = \! 6 \; , \; h = \! 91 \; , \; x = \! 3 \; , \; y = \! 0 \; , \; v = \! 546 \end{array}$$



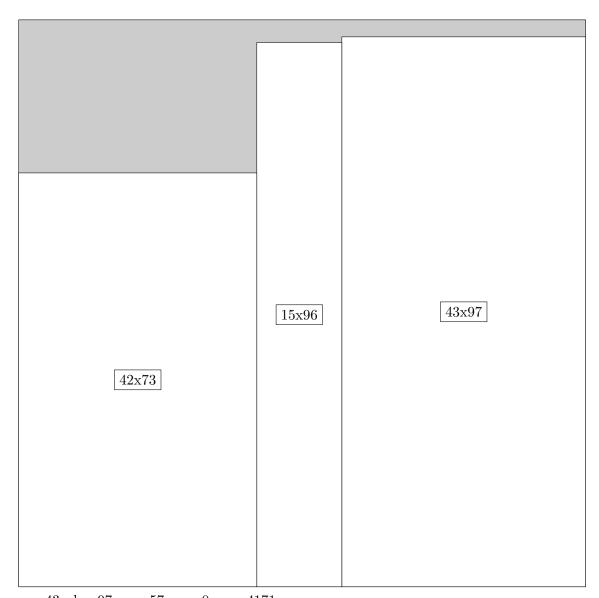
$$\begin{array}{l} w = \!68 \; , \; h = \!76 \; , \; x = \!32 \; , \; y = \!0 \; , \; v = \!5168 \\ w = \!29 \; , \; h = \!74 \; , \; x = \!3 \; , \; y = \!0 \; , \; v = \!2146 \end{array}$$



 $\begin{array}{l} w=2\ ,\, h=\!96\ ,\, x=\!98\ ,\, y=\!0\ ,\, v=\!192\\ w=\!49\ ,\, h=\!87\ ,\, x=\!49\ ,\, y=\!0\ ,\, v=\!4263\\ w=\!49\ ,\, h=\!68\ ,\, x=\!0\ ,\, y=\!0\ ,\, v=\!3332 \end{array}$ 



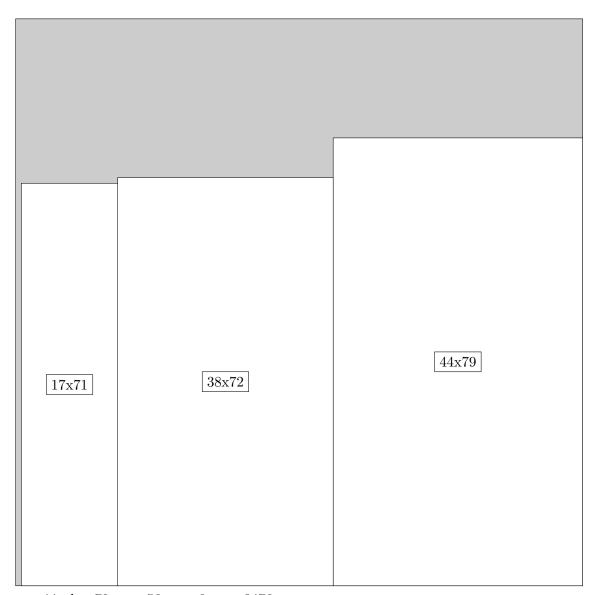
$$\begin{array}{l} w = \! 41 \ , \ h = \! 83 \ , \ x = \! 59 \ , \ y = \! 0 \ , \ v = \! 3403 \\ w = \! 59 \ , \ h = \! 71 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4189 \end{array}$$



 $\le =43$  , h =97 , x =57 , y =0 , v =4171

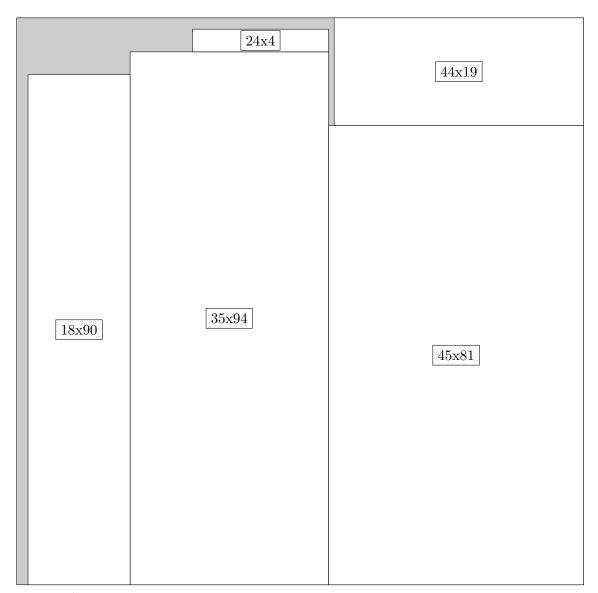
 $\le =15$  , h =96 , x =42 , y =0 , v =1440

 $\le =42$  , h =73 , x =0 , y =0 , v =3066



$$\begin{array}{l} w = \! 44 \ , \ h = \! 79 \ , \ x = \! 56 \ , \ y = \! 0 \ , \ v = \! 3476 \\ w = \! 38 \ , \ h = \! 72 \ , \ x = \! 18 \ , \ y = \! 0 \ , \ v = \! 2736 \end{array}$$

$$w = 17$$
,  $h = 71$ ,  $x = 1$ ,  $y = 0$ ,  $v = 1207$ 



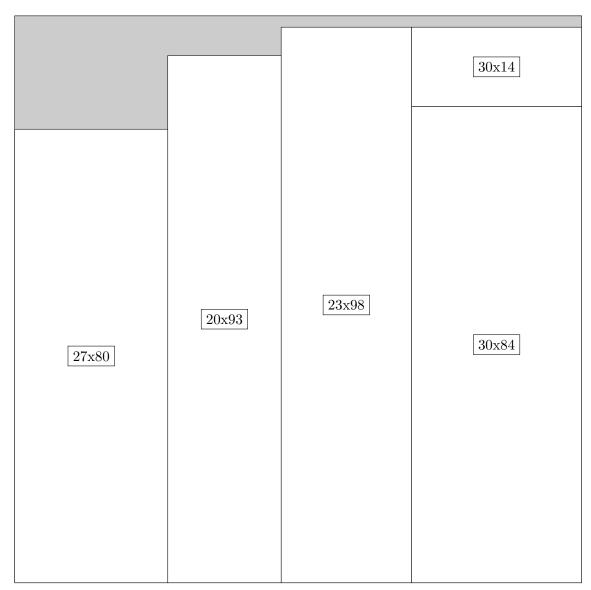
$$\le =45$$
 , h =81 , x =55 , y =0 , v =3645

$$\le =44$$
 , h =19 , x =  
56 , y =81 , v =  
836

$$\le =35$$
 , h =94 , x =20 , y =0 , v =3290

$$\le =24$$
 , h =4 , x =31 , y =94 , v =96

$$\mathbf{w}$$
 =18 , h =90 , x =2 , y =0 , v =1620



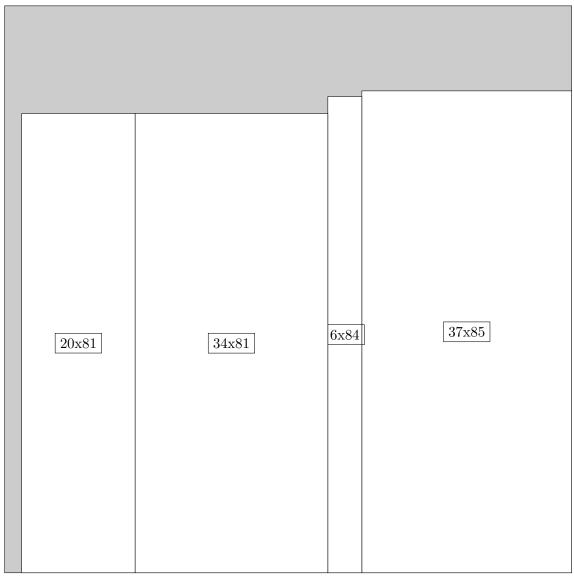
w = 30, h = 84, x = 70, y = 0, v = 2520

 $\le =30$  , h=14 , x=70 , y=84 , v=420

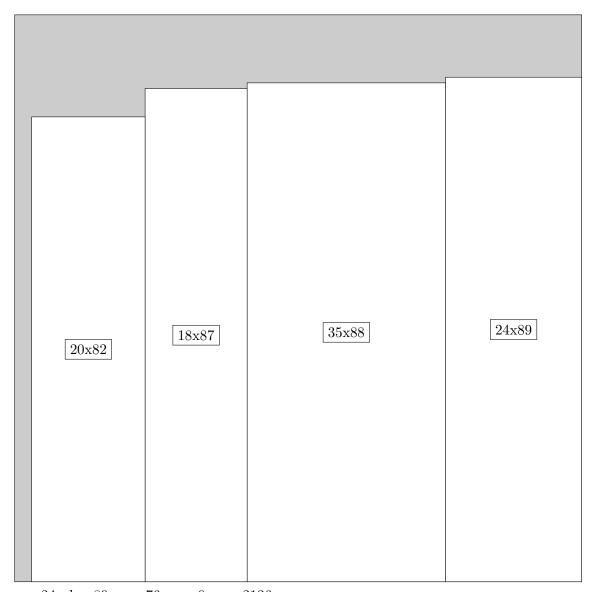
 $\le =23$  , h =98 , x =47 , y =0 , v =2254

 $\mathbf{w}$  =20 , h =93 , x =27 , y =0 , v =1860

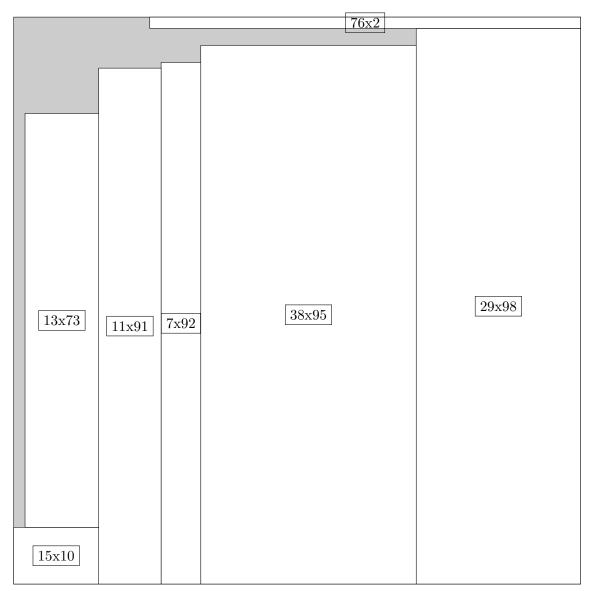
 $w=\!27$  ,  $h=\!80$  ,  $x=\!0$  ,  $y=\!0$  ,  $v=\!2160$ 



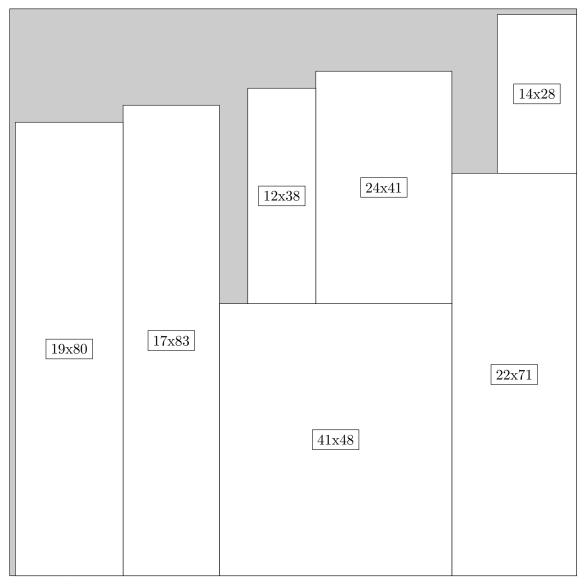
 $\begin{array}{l} w = & 37 \;,\; h = & 85 \;,\; x = & 63 \;,\; y = & 0 \;,\; v = & 3145 \\ w = & 6 \;,\; h = & 84 \;,\; x = & 57 \;,\; y = & 0 \;,\; v = & 504 \\ w = & 34 \;,\; h = & 81 \;,\; x = & 23 \;,\; y = & 0 \;,\; v = & 2754 \\ w = & 20 \;,\; h = & 81 \;,\; x = & 3 \;,\; y = & 0 \;,\; v = & 1620 \end{array}$ 



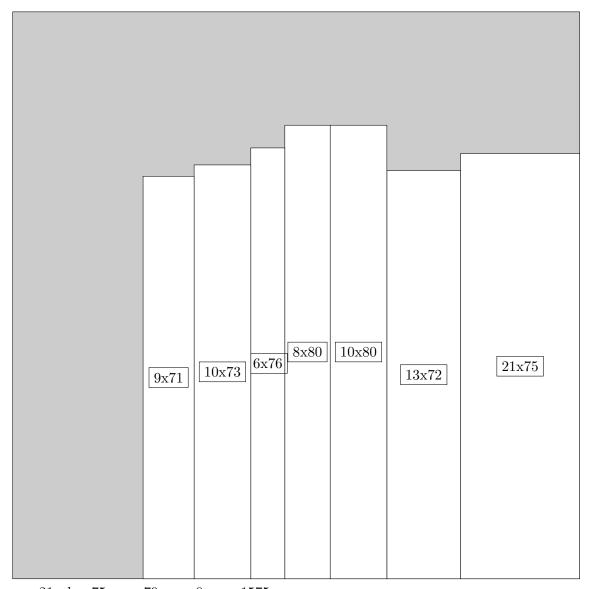
 $\begin{array}{l} w = 24 \ , \ h = 89 \ , \ x = 76 \ , \ y = 0 \ , \ v = 2136 \\ w = 35 \ , \ h = 88 \ , \ x = 41 \ , \ y = 0 \ , \ v = 3080 \\ w = 18 \ , \ h = 87 \ , \ x = 23 \ , \ y = 0 \ , \ v = 1566 \\ w = 20 \ , \ h = 82 \ , \ x = 3 \ , \ y = 0 \ , \ v = 1640 \end{array}$ 



 $\begin{array}{l} w=29 \ , \ h=98 \ , \ x=71 \ , \ y=0 \ , \ v=2842 \\ w=38 \ , \ h=95 \ , \ x=33 \ , \ y=0 \ , \ v=3610 \\ w=7 \ , \ h=92 \ , \ x=26 \ , \ y=0 \ , \ v=644 \\ w=11 \ , \ h=91 \ , \ x=15 \ , \ y=0 \ , \ v=1001 \\ w=15 \ , \ h=10 \ , \ x=0 \ , \ y=0 \ , \ v=150 \\ w=13 \ , \ h=73 \ , \ x=2 \ , \ y=10 \ , \ v=949 \\ w=76 \ , \ h=2 \ , \ x=24 \ , \ y=98 \ , \ v=152 \end{array}$ 



$$\begin{array}{l} w=22 \ , \ h=71 \ , \ x=78 \ , \ y=0 \ , \ v=1562 \\ w=14 \ , \ h=28 \ , \ x=86 \ , \ y=71 \ , \ v=392 \\ w=41 \ , \ h=48 \ , \ x=37 \ , \ y=0 \ , \ v=1968 \\ w=24 \ , \ h=41 \ , \ x=54 \ , \ y=48 \ , \ v=984 \\ w=12 \ , \ h=38 \ , \ x=42 \ , \ y=48 \ , \ v=456 \\ w=17 \ , \ h=83 \ , \ x=20 \ , \ y=0 \ , \ v=1411 \\ w=19 \ , \ h=80 \ , \ x=1 \ , \ y=0 \ , \ v=1520 \\ \end{array}$$



$$\begin{array}{l} w=21\;,\; h=75\;,\; x=79\;,\; y=0\;,\; v=1575\\ w=13\;,\; h=72\;,\; x=66\;,\; y=0\;,\; v=936\\ w=10\;,\; h=80\;,\; x=56\;,\; y=0\;,\; v=800\\ w=8\;,\; h=80\;,\; x=48\;,\; y=0\;,\; v=640\\ w=6\;,\; h=76\;,\; x=42\;,\; y=0\;,\; v=456\\ w=10\;,\; h=73\;,\; x=32\;,\; y=0\;,\; v=730\\ w=9\;,\; h=71\;,\; x=23\;,\; y=0\;,\; v=639 \end{array}$$