$ClassName: \ Class\_10.2bp\text{-}34$ 

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

TypeNum: <u>79</u> Num: <u>80</u> OutS: <u>140000</u> InS: <u>127223</u> Rate: <u>0.909</u> UB: <u>14</u> LB0: <u>14</u> LB: <u>14</u>

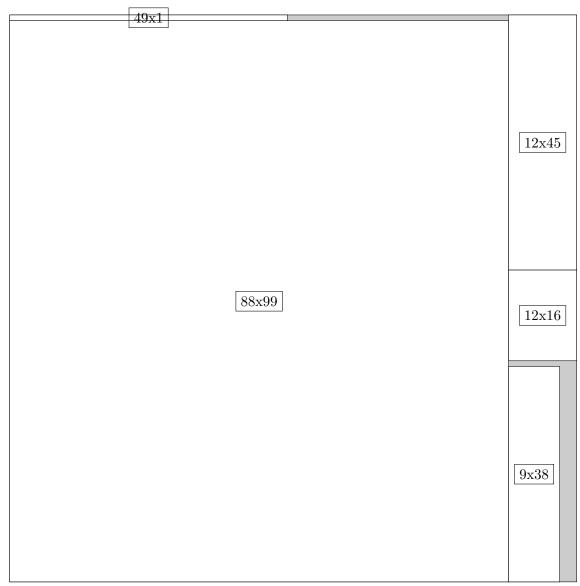
LBWithCut:  $\underline{\mathbf{14}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

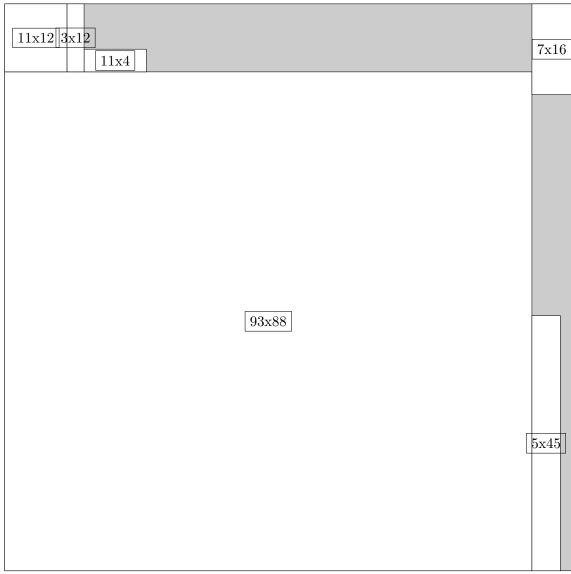
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{14}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

isOpt: **true** 

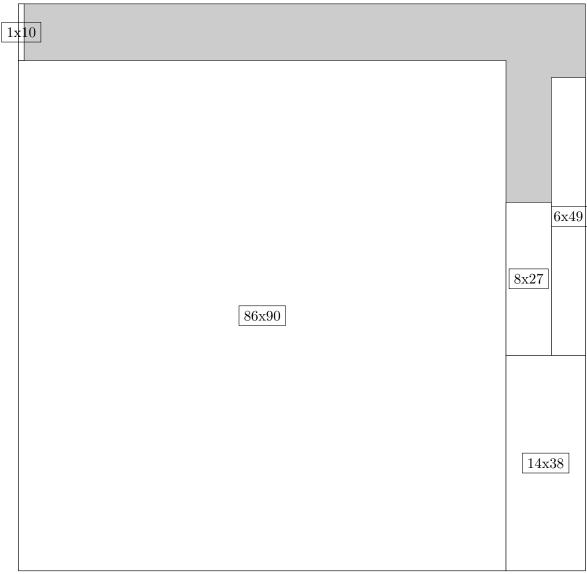
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.094 sTotalTime: 0.157 s



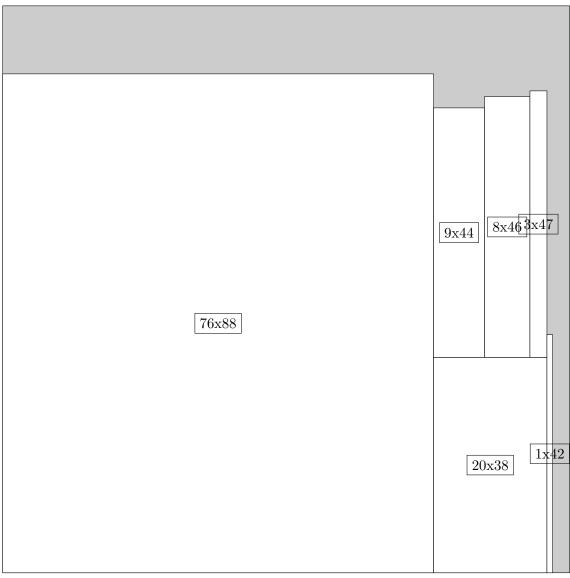
$$\begin{array}{l} w = \! 88 \;,\; h = \! 99 \;,\; x = \! 0 \;,\; y = \! 0 \;,\; v = \! 8712 \\ w = \! 12 \;,\; h = \! 45 \;,\; x = \! 88 \;,\; y = \! 55 \;,\; v = \! 540 \\ w = \! 9 \;,\; h = \! 38 \;,\; x = \! 88 \;,\; y = \! 0 \;,\; v = \! 342 \\ w = \! 12 \;,\; h = \! 16 \;,\; x = \! 88 \;,\; y = \! 39 \;,\; v = \! 192 \\ w = \! 49 \;,\; h = \! 1 \;,\; x = \! 0 \;,\; y = \! 99 \;,\; v = \! 49 \end{array}$$

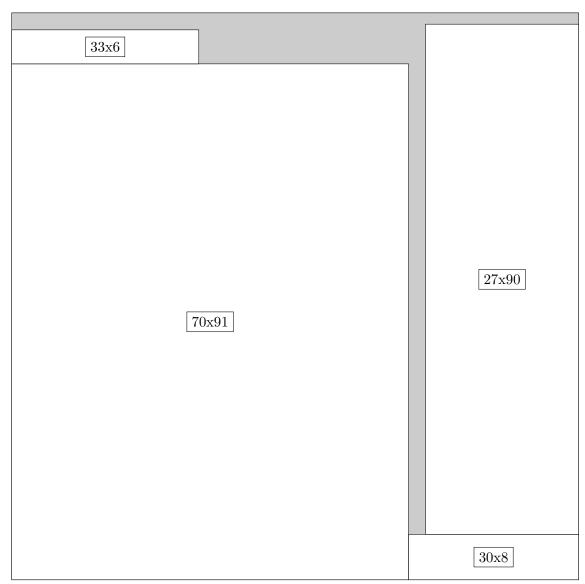


 $\begin{array}{l} w = \! 93 \;, \; h = \! 88 \;, \; x = \! 0 \;, \; y = \! 0 \;, \; v = \! 8184 \\ w = \! 5 \;, \; h = \! 45 \;, \; x = \! 93 \;, \; y = \! 0 \;, \; v = \! 225 \\ w = \! 11 \;, \; h = \! 12 \;, \; x = \! 0 \;, \; y = \! 88 \;, \; v = \! 132 \\ w = \! 7 \;, \; h = \! 16 \;, \; x = \! 93 \;, \; y = \! 84 \;, \; v = \! 112 \\ w = \! 11 \;, \; h = \! 4 \;, \; x = \! 14 \;, \; y = \! 88 \;, \; v = \! 44 \\ w = \! 3 \;, \; h = \! 12 \;, \; x = \! 11 \;, \; y = \! 88 \;, \; v = \! 36 \end{array}$ 



$$\begin{array}{l} w = \!86 \;, \, h = \!90 \;, \, x = \!0 \;, \, y = \!0 \;, \, v = \!7740 \\ w = \!14 \;, \, h = \!38 \;, \, x = \!86 \;, \, y = \!0 \;, \, v = \!532 \\ w = \!6 \;, \, h = \!49 \;, \, x = \!94 \;, \, y = \!38 \;, \, v = \!294 \\ w = \!8 \;, \, h = \!27 \;, \, x = \!86 \;, \, y = \!38 \;, \, v = \!216 \\ w = \!1 \;, \, h = \!10 \;, \, x = \!0 \;, \, y = \!90 \;, \, v = \!10 \end{array}$$



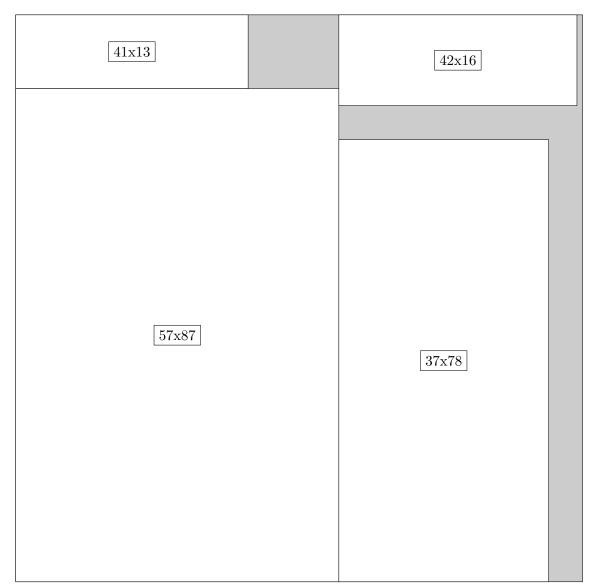


$$\mathbf{w}$$
 =70 , h =91 , x =0 , y =0 , v =6370

$$w = 27$$
,  $h = 90$ ,  $x = 73$ ,  $y = 8$ ,  $v = 2430$ 

$$\le =30$$
 , h =8 , x =70 , y =0 , v =240

$$\mathbf{w}=\!33$$
 ,  $\mathbf{h}=\!6$  ,  $\mathbf{x}=\!0$  ,  $\mathbf{y}=\!91$  ,  $\mathbf{v}=\!198$ 

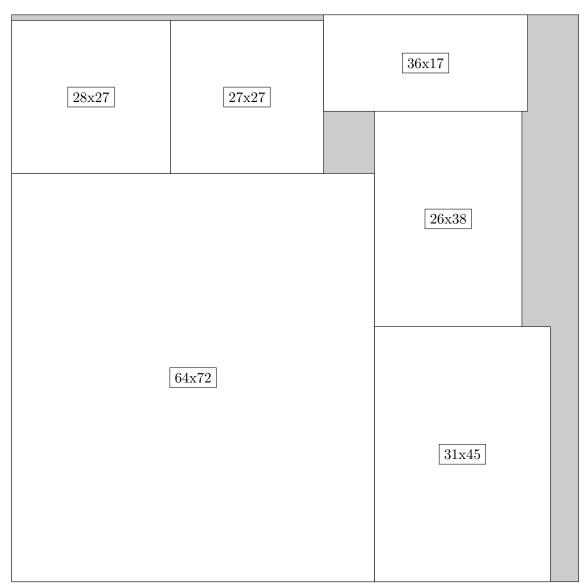


$$\le =57$$
 ,  $h=87$  ,  $x=0$  ,  $y=0$  ,  $v=4959$ 

$$\le =37$$
 ,  $h$  =78 ,  $x$  =57 ,  $y$  =0 ,  $v$  =2886

$$\le =42$$
 ,  $h$  =16 ,  $x$  =57 ,  $y$  =84 ,  $v$  =672

$$\le =41$$
 ,  $h=13$  ,  $x=0$  ,  $y=87$  ,  $v=533$ 



$$w = 64$$
,  $h = 72$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4608$ 

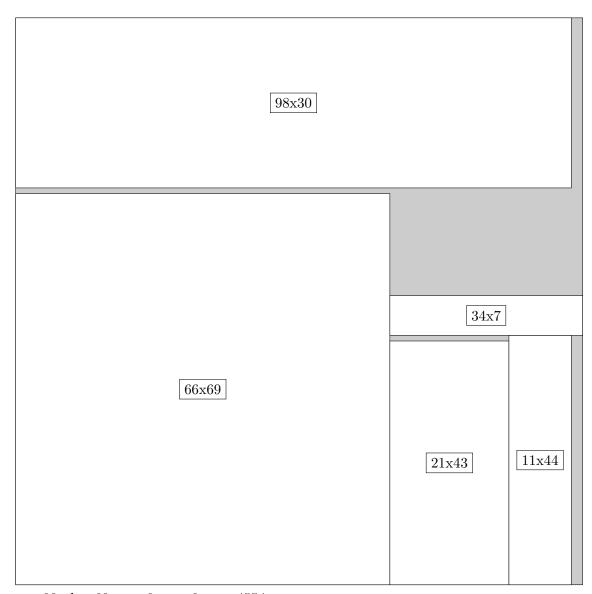
$$w=\!31$$
 ,  $h=\!45$  ,  $x=\!64$  ,  $y=\!0$  ,  $v=\!1395$ 

$$\le =26$$
 , h =38 , x =64 , y =45 , v =988

$$\le =28$$
 , h =27 , x =0 , y =72 , v =756

$$\mathbf{w}$$
 =27 , h =27 , x =28 , y =72 , v =729

$$\le =36$$
 ,  $h=17$  ,  $x=55$  ,  $y=83$  ,  $v=612$ 



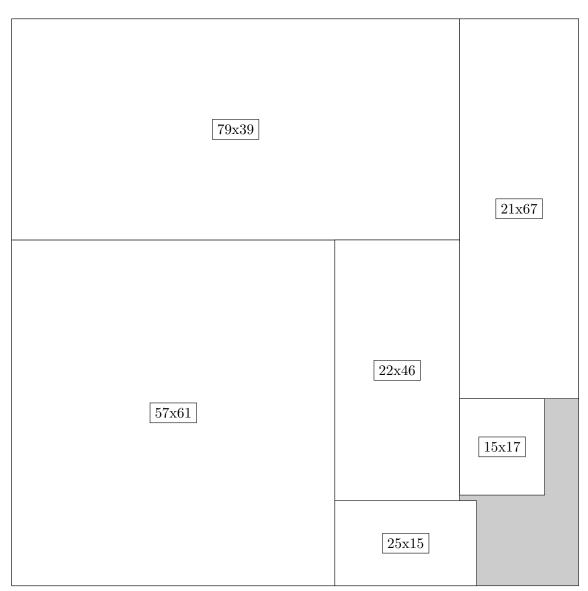
$$\le =66$$
 , h =69 , x =0 , y =0 , v =4554

$$\le =98$$
 , h =30 , x =0 , y =70 , v =2940

$$\le =21$$
 ,  $h=43$  ,  $x=66$  ,  $y=0$  ,  $v=903$ 

$$\mathbf{w}$$
 =11 , h =44 , x =87 , y =0 , v =484

$$\le =34$$
 , h =7 , x =66 , y =44 , v =238



$$w=\!57$$
 ,  $h=\!61$  ,  $x=\!0$  ,  $y=\!0$  ,  $v=\!3477$ 

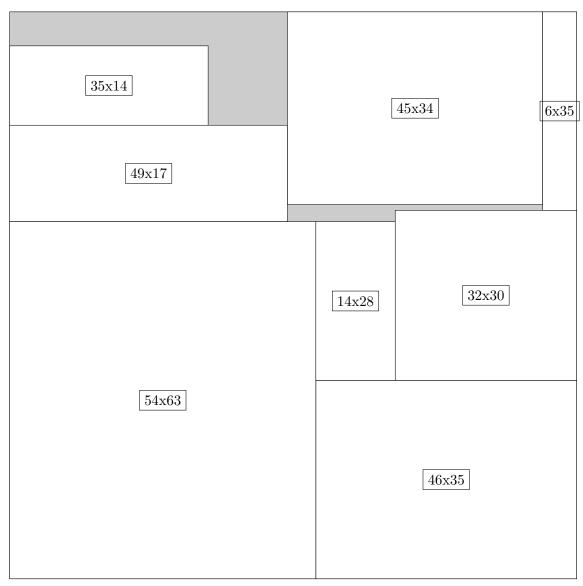
$$w = 79$$
,  $h = 39$ ,  $x = 0$ ,  $y = 61$ ,  $v = 3081$ 

$$w$$
 =21 , h =67 , x =79 , y =33 , v =1407

$$\le =22$$
 , h =46 , x =57 , y =15 , v =1012

$$\le =25$$
 ,  $h=15$  ,  $x=57$  ,  $y=0$  ,  $v=375$ 

$$\le =15$$
 ,  $h=17$  ,  $x=79$  ,  $y=16$  ,  $v=255$ 



$$w = 49$$
,  $h = 17$ ,  $x = 0$ ,  $y = 63$ ,  $v = 833$ 

$$w = 46$$
,  $h = 35$ ,  $x = 54$ ,  $y = 0$ ,  $v = 1610$ 

$$\le =45$$
 , h =34 , x =49 , y =66 , v =1530

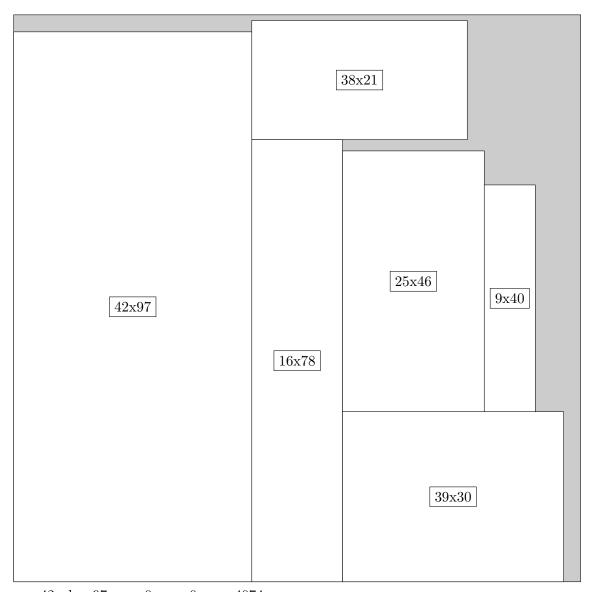
$$w = 32$$
,  $h = 30$ ,  $x = 68$ ,  $y = 35$ ,  $v = 960$ 

$$\mathbf{w}$$
 =54 , h =63 , x =0 , y =0 , v =3402

$$\le =35$$
 ,  $h=14$  ,  $x=0$  ,  $y=80$  ,  $v=490$ 

$$w = 14$$
,  $h = 28$ ,  $x = 54$ ,  $y = 35$ ,  $v = 392$ 

$$w$$
 =6 , h =35 , x =94 , y =65 , v =210



$$\le =42$$
 , h =97 , x =0 , y =0 , v =4074

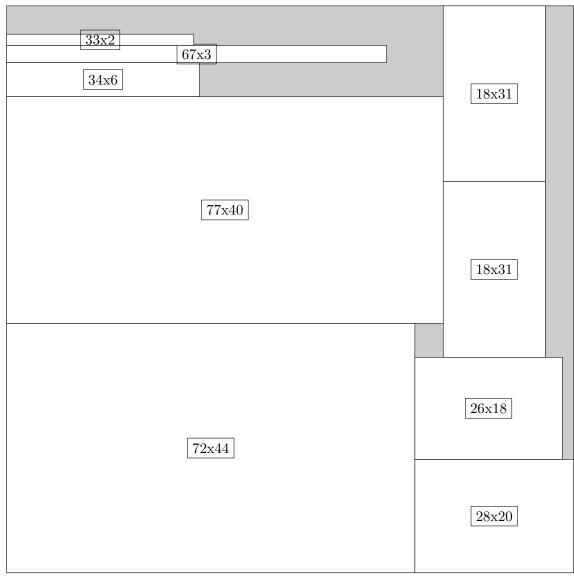
$$\mathbf{w}=\!\!16$$
 ,  $\mathbf{h}=\!\!78$  ,  $\mathbf{x}=\!\!42$  ,  $\mathbf{y}=\!\!0$  ,  $\mathbf{v}=\!\!1248$ 

$$\le =39$$
 , h =30 , x =58 , y =0 , v =1170

$$\le =25$$
 , h =46 , x =58 , y =30 , v =1150

$$\le 38$$
 , h =21 , x =42 , y =78 , v =798

$$w=9$$
 ,  $h=\!40$  ,  $x=\!83$  ,  $y=\!30$  ,  $v=\!360$ 



$$w = 72$$
,  $h = 44$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3168$ 

$$w$$
 =77 ,  $h$  =40 ,  $x$  =0 ,  $y$  =44 ,  $v$  =3080

$$\le =28$$
 , h =20 , x =72 , y =0 , v =560

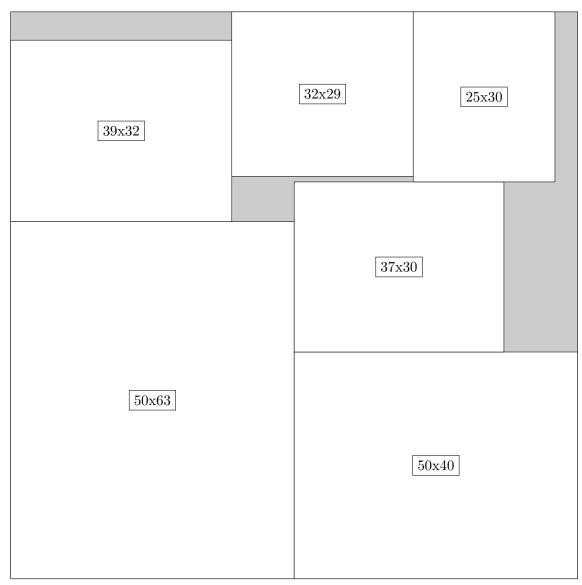
$$\le =18$$
 ,  $h$  =31 ,  $x$  =77 ,  $y$  =38 ,  $v$  =558

$$\le =18$$
 ,  $h=31$  ,  $x=77$  ,  $y=69$  ,  $v=558$ 

$$w = 26$$
,  $h = 18$ ,  $x = 72$ ,  $y = 20$ ,  $v = 468$   
 $w = 34$ ,  $h = 6$ ,  $x = 0$ ,  $y = 84$ ,  $v = 204$ 

$$w = 67$$
,  $h = 3$ ,  $x = 0$ ,  $y = 90$ ,  $v = 201$ 

$$\le =33$$
 , h  $=2$  , x  $=0$  , y  $=93$  , v  $=66$ 



$$w=\!50$$
 ,  $h=\!63$  ,  $x=\!0$  ,  $y=\!0$  ,  $v=\!3150$ 

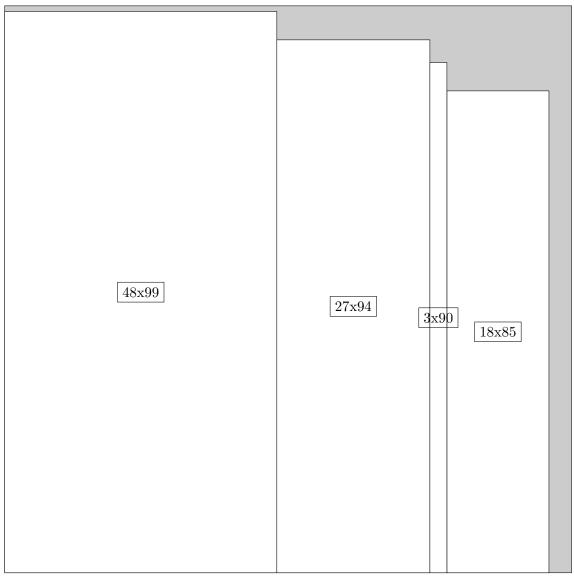
$$\le =50$$
 , h =40 , x =50 , y =0 , v =2000

$$\le =39$$
 , h =32 , x =0 , y =63 , v =1248

$$\le =37$$
 , h =30 , x =50 , y =40 , v =1110

$$\le =32$$
 , h =29 , x =39 , y =71 , v =928

$$w = 25$$
,  $h = 30$ ,  $x = 71$ ,  $y = 70$ ,  $v = 750$ 



 $\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 99 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4752 \\ w = \!\! 27 \ , \ h = \!\! 94 \ , \ x = \!\! 48 \ , \ y = \!\! 0 \ , \ v = \!\! 2538 \\ w = \!\! 18 \ , \ h = \!\! 85 \ , \ x = \!\! 78 \ , \ y = \!\! 0 \ , \ v = \!\! 1530 \\ w = \!\! 3 \ , \ h = \!\! 90 \ , \ x = \!\! 75 \ , \ y = \!\! 0 \ , \ v = \!\! 270 \end{array}$