$ClassName: \ Class_05.2bp-28$

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>
LB0: <u>16</u>
LB: **16**

LBWithCut: $\underline{\mathbf{16}}$ NodeCut: $\underline{\mathbf{0}}$

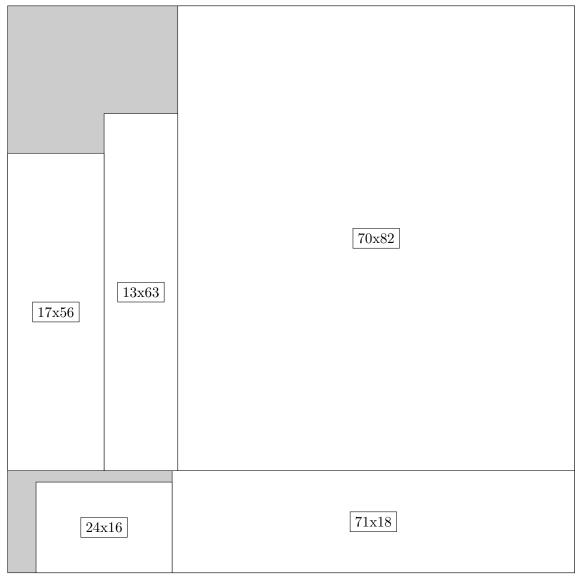
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ 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: $\underline{\mathbf{true}}$

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 600.328 s



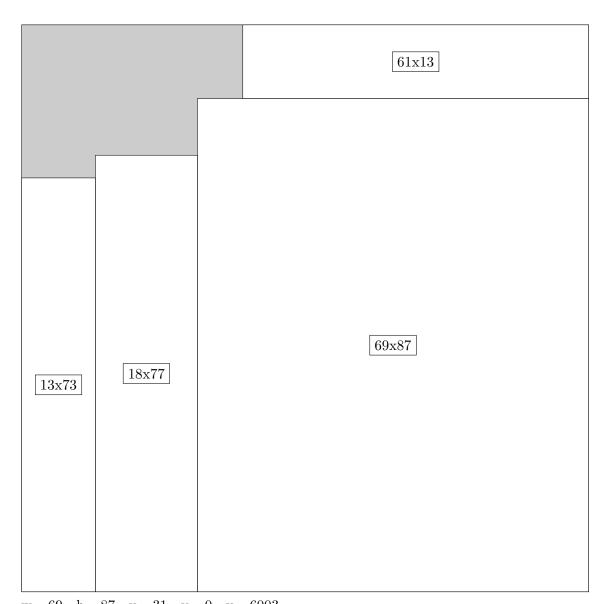
$$w = 71$$
, $h = 18$, $x = 29$, $y = 0$, $v = 1278$

$$w$$
 =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

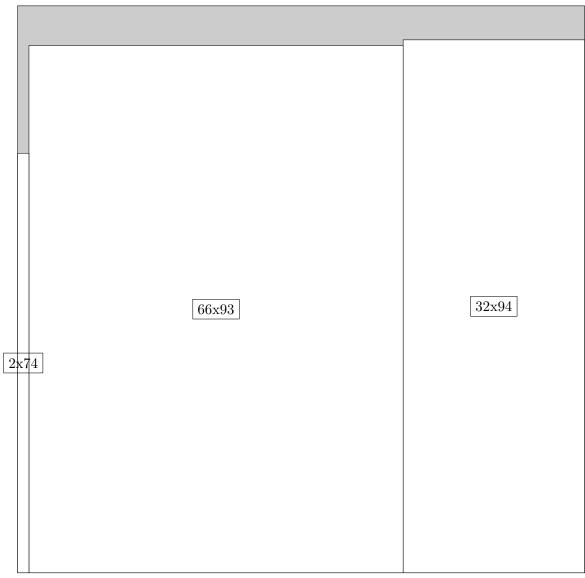
$$\mathbf{w}$$
 =17 , h =
56 , x =0 , y =18 , v =
952



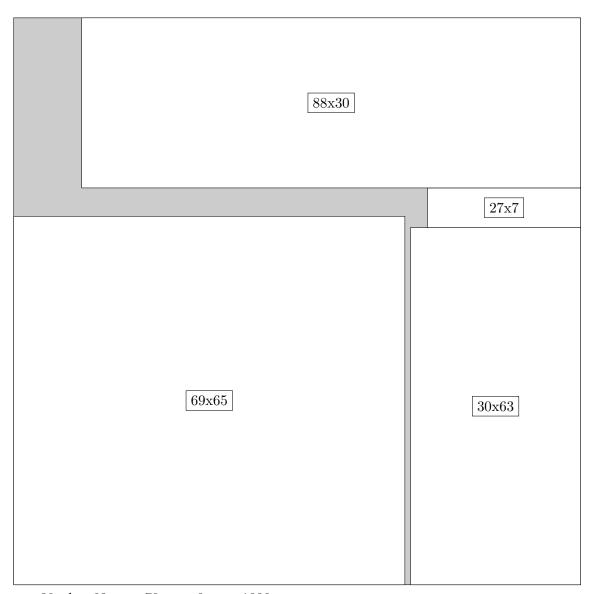
 $\begin{array}{c} w = \!\!69 \ , \ h = \!\!87 \ , \ x = \!\!31 \ , \ y = \!\!0 \ , \ v = \!\!6003 \\ w = \!\!18 \ , \ h = \!\!77 \ , \ x = \!\!13 \ , \ y = \!\!0 \ , \ v = \!\!1386 \\ \end{array}$

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

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



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

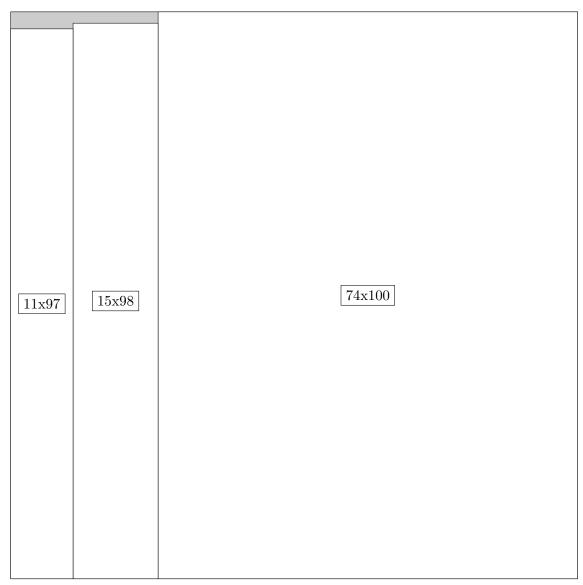


$$\le =30$$
 , h =63 , x =70 , y =0 , v =1890

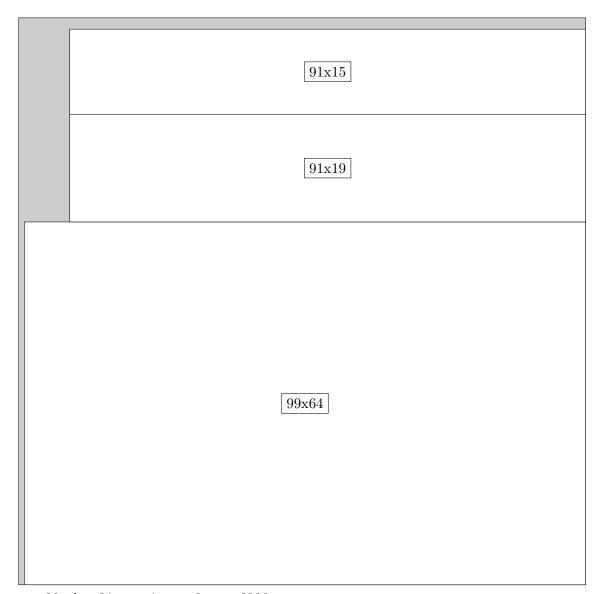
$$\le =27$$
 , h =7 , x =73 , y =63 , v =189

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

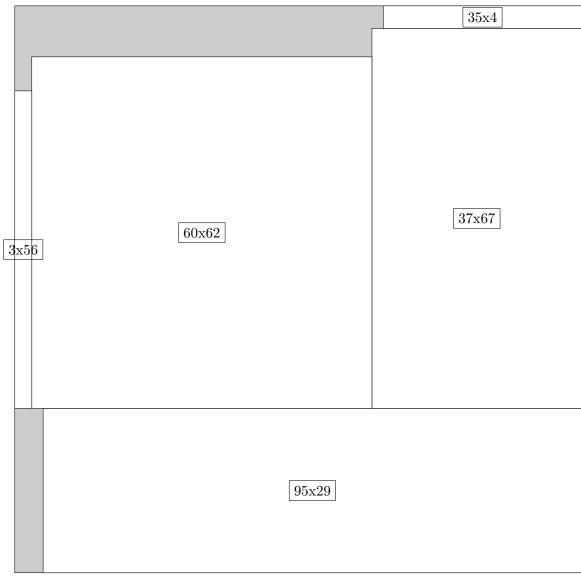
$$\le =88$$
 , h =30 , x =12 , y =70 , v =2640



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



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



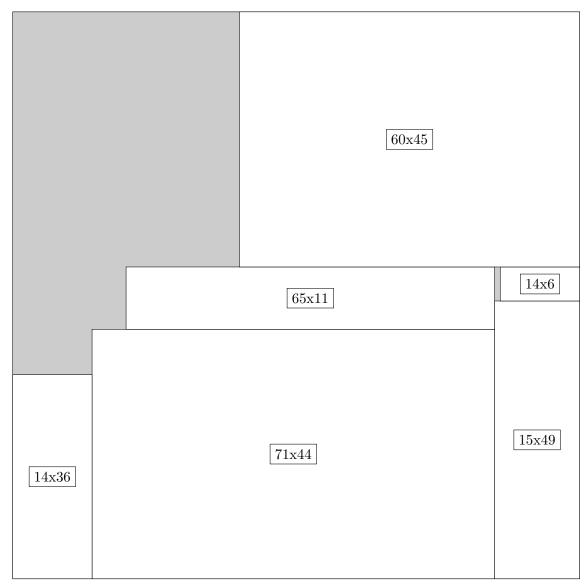
$$\mathbf{w}$$
 =95 , h =29 , x =5 , y =0 , v =2755

$$\le =37$$
 , 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

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



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

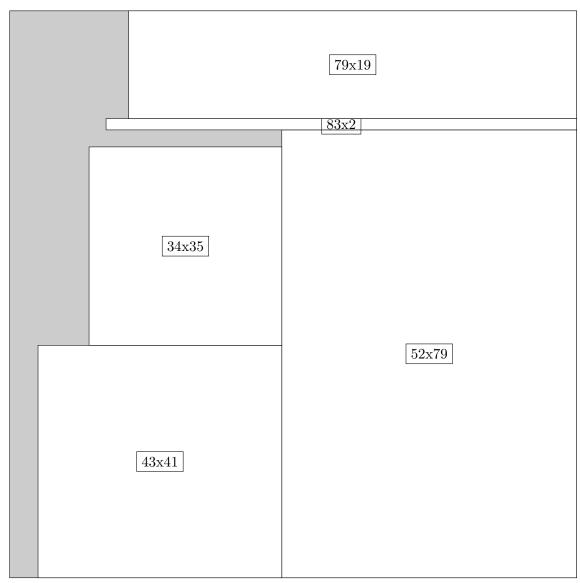
$$w = 14$$
, $h = 6$, $x = 86$, $y = 49$, $v = 84$

$$\mathbf{w}$$
 =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



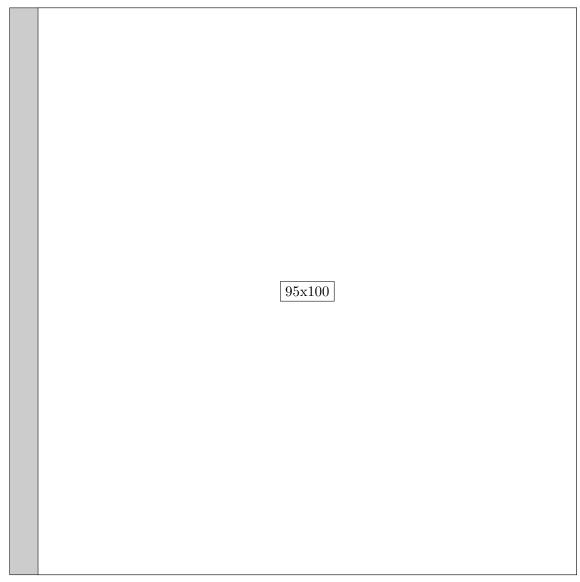
$$w$$
 =52 , h =79 , x =48 , y =0 , v =4108

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

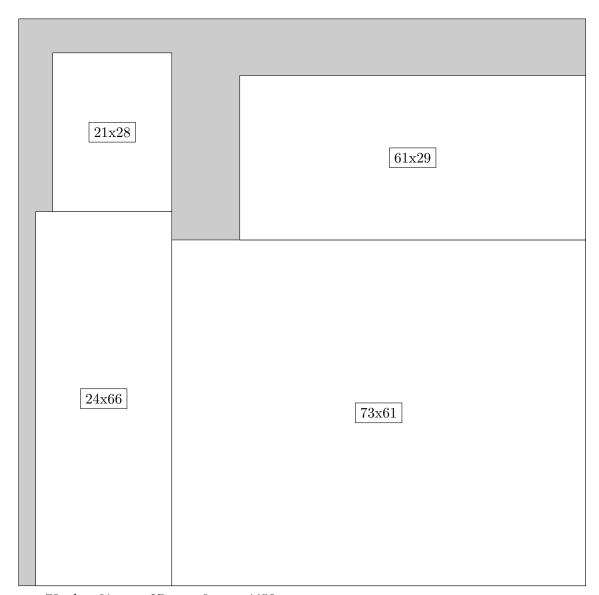
$$\le =34$$
 , h =35 , x =14 , y =41 , v =1190

$$\le =83$$
 , 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

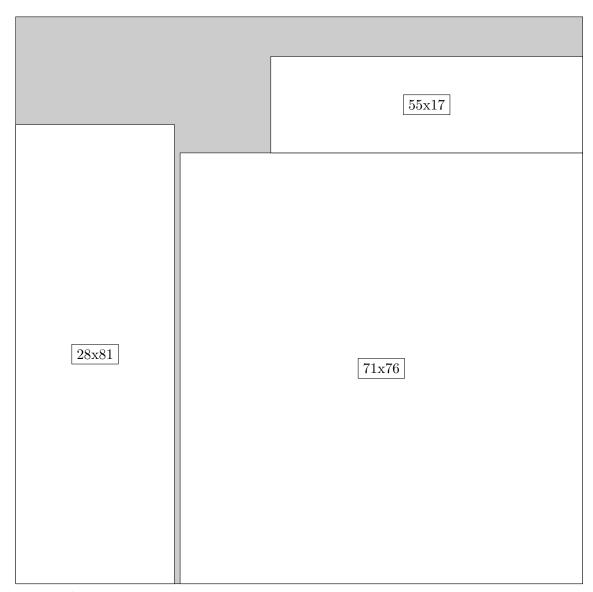


$$\le =73$$
 , h =61 , x =27 , y =0 , v =4453

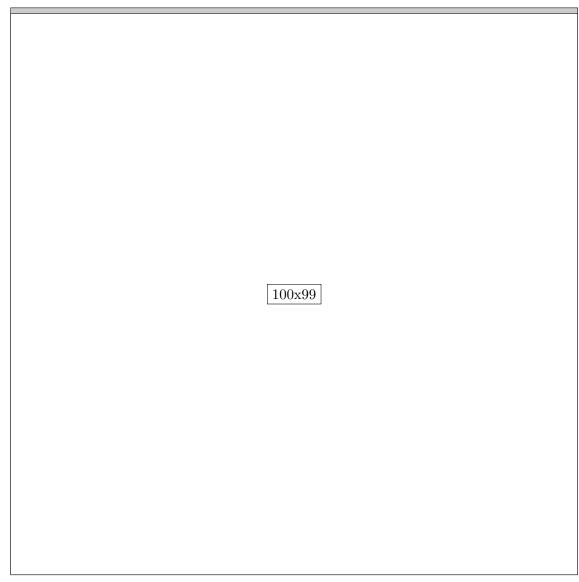
$$\le =61$$
 , h =29 , x =39 , y =61 , v =1769

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

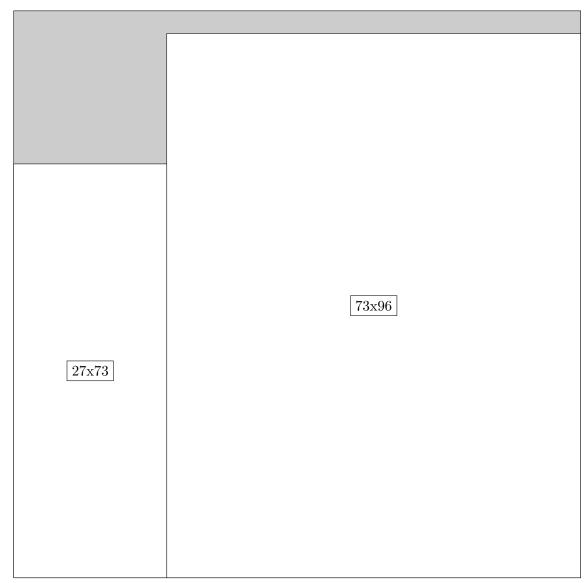
$$\le =21$$
 , $h=28$, $x=6$, $y=66$, $v=588$



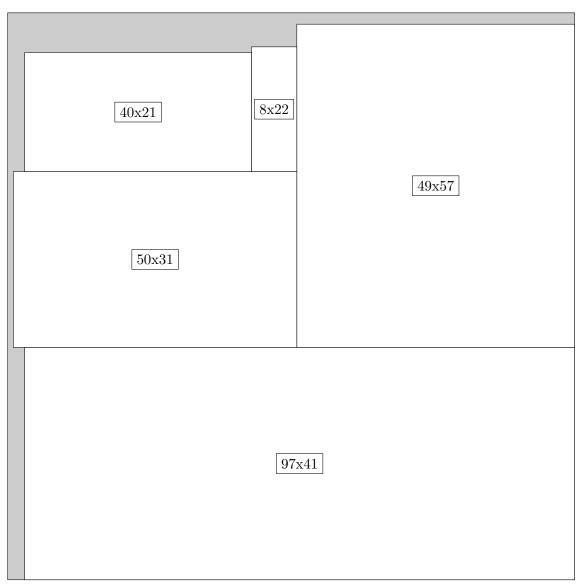
 $\begin{array}{l} w = \! 71 \ , \ h = \! 76 \ , \ x = \! 29 \ , \ y = \! 0 \ , \ v = \! 5396 \\ w = \! 55 \ , \ h = \! 17 \ , \ x = \! 45 \ , \ y = \! 76 \ , \ v = \! 935 \\ w = \! 28 \ , \ h = \! 81 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2268 \end{array}$



 ≤ 100 , h =99 , x =0 , y =0 , v =9900



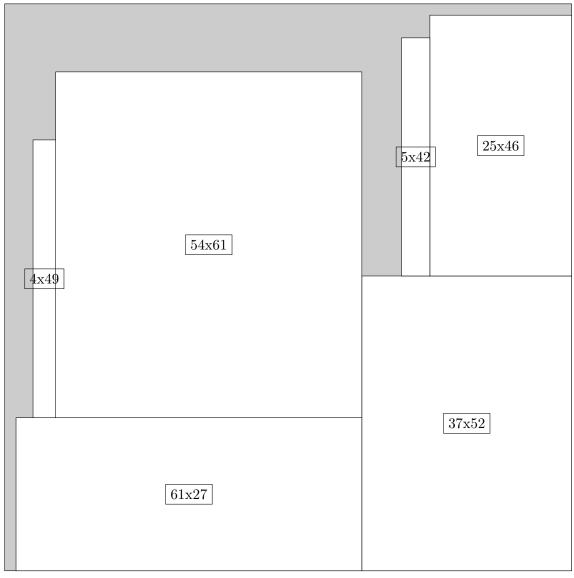
$$\begin{array}{l} w = \! 73 \ , \ h = \! 96 \ , \ x = \! 27 \ , \ y = \! 0 \ , \ v = \! 7008 \\ w = \! 27 \ , \ h = \! 73 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1971 \end{array}$$



$$w$$
 =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



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