$ClassName: \ Class\_07.2bp-27$ 

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

TypeNum: <u>59</u> Num: <u>60</u> OutS: <u>170000</u> InS: <u>145305</u> Rate: <u>0.855</u> UB: <u>17</u> LB0: <u>17</u>

LBWithCut:  $\underline{17}$ NodeCut:  $\underline{0}$ 

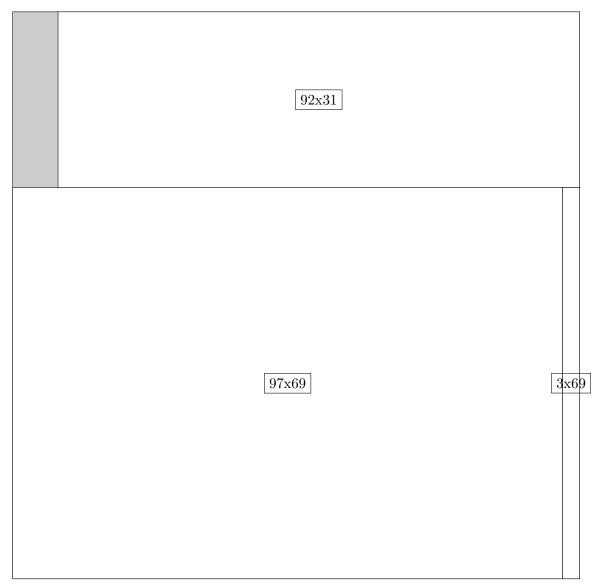
LB: **17** 

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

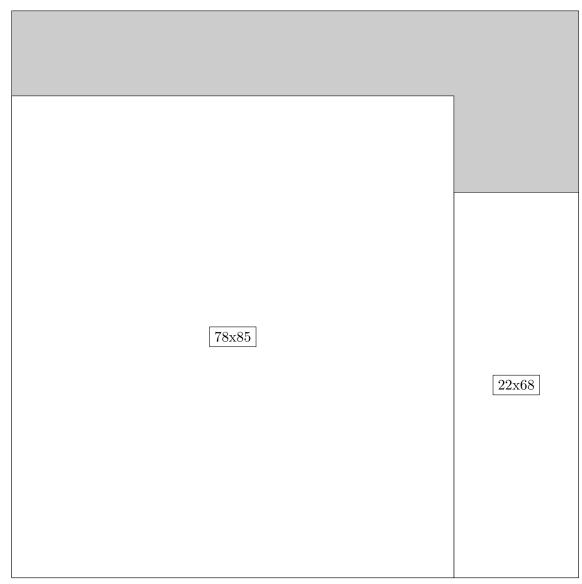
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{17}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

isOpt: **true** 

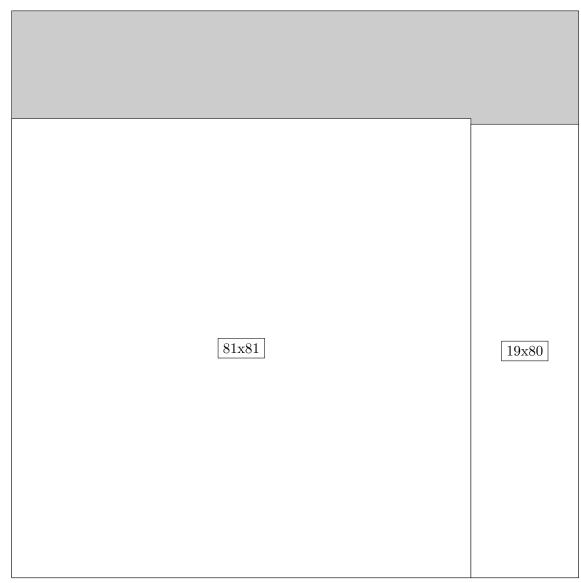
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.770 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.062 \ s} \\ {\rm TotalTime:} \ \underline{0.895 \ s} \end{array}$ 



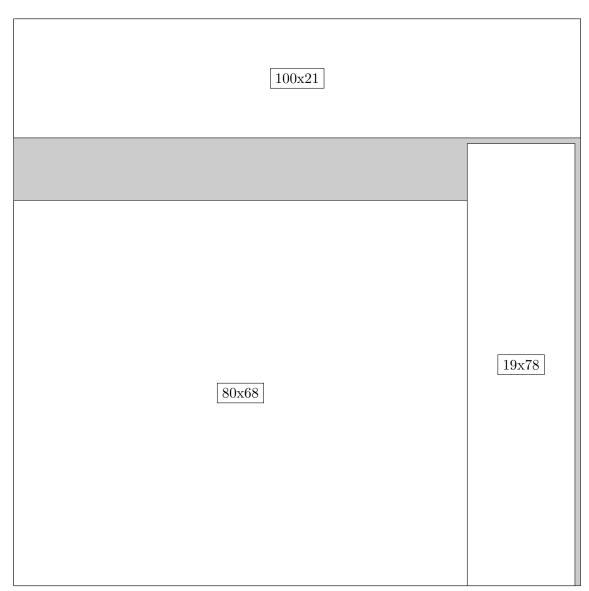
$$\begin{array}{l} w = \! 97 \; , \; h = \! 69 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 6693 \\ w = \! 92 \; , \; h = \! 31 \; , \; x = \! 8 \; , \; y = \! 69 \; , \; v = \! 2852 \\ w = \! 3 \; , \; h = \! 69 \; , \; x = \! 97 \; , \; y = \! 0 \; , \; v = \! 207 \end{array}$$



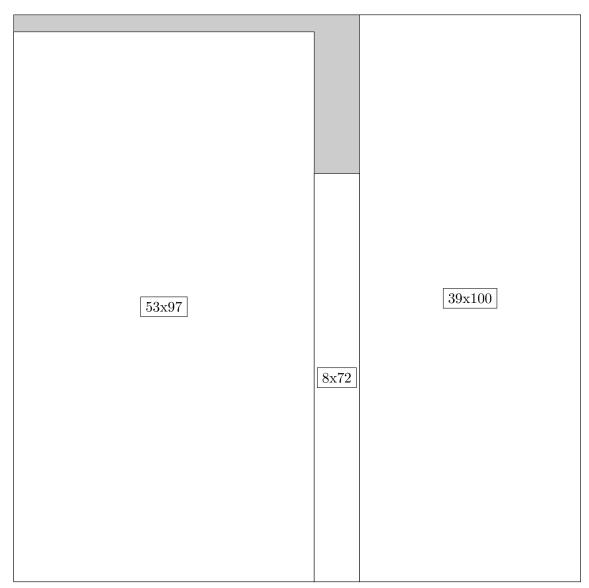
$$\begin{array}{l} w = \!\! 22 \ , \ h = \!\! 68 \ , \ x = \!\! 78 \ , \ y = \!\! 0 \ , \ v = \!\! 1496 \\ w = \!\! 78 \ , \ h = \!\! 85 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 6630 \end{array}$$



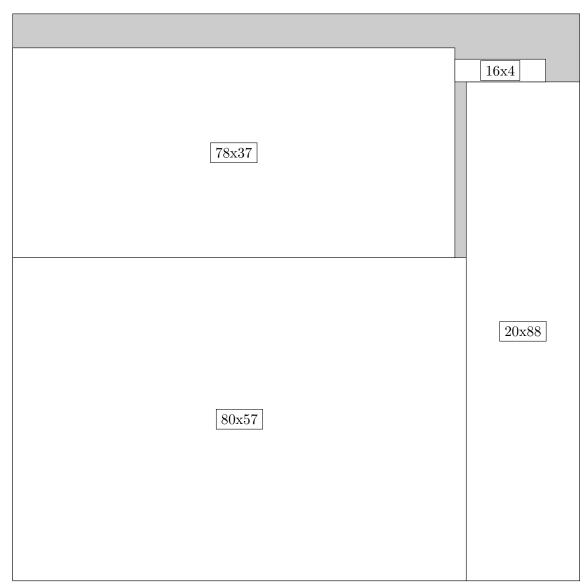
$$\begin{array}{c} w = \! 81 \; , \; h = \! 81 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 6561 \\ w = \! 19 \; , \; h = \! 80 \; , \; x = \! 81 \; , \; y = \! 0 \; , \; v = \! 1520 \\ \end{array}$$



$$\begin{array}{l} w = \! 80 \; , \; h = \! 68 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 5440 \\ w = \! 19 \; , \; h = \! 78 \; , \; x = \! 80 \; , \; y = \! 0 \; , \; v = \! 1482 \\ w = \! 100 \; , \; h = \! 21 \; , \; x = \! 0 \; , \; y = \! 79 \; , \; v = \! 2100 \end{array}$$



 $\begin{array}{l} w = \!53 \; , \; h = \!97 \; , \; x = \!0 \; , \; y = \!0 \; , \; v = \!5141 \\ w = \!39 \; , \; h = \!100 \; , \; x = \!61 \; , \; y = \!0 \; , \; v = \!3900 \\ w = \!8 \; , \; h = \!72 \; , \; x = \!53 \; , \; y = \!0 \; , \; v = \!576 \end{array}$ 

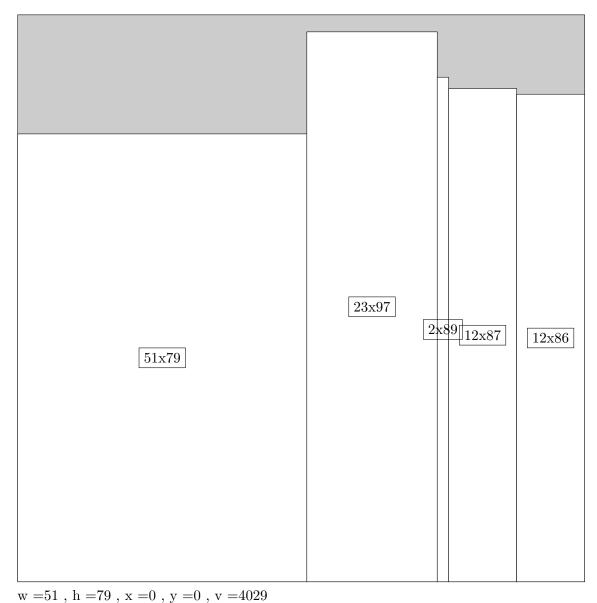


$$\le =80$$
 ,  $h$  =57 ,  $x$  =0 ,  $y$  =0 ,  $v$  =4560

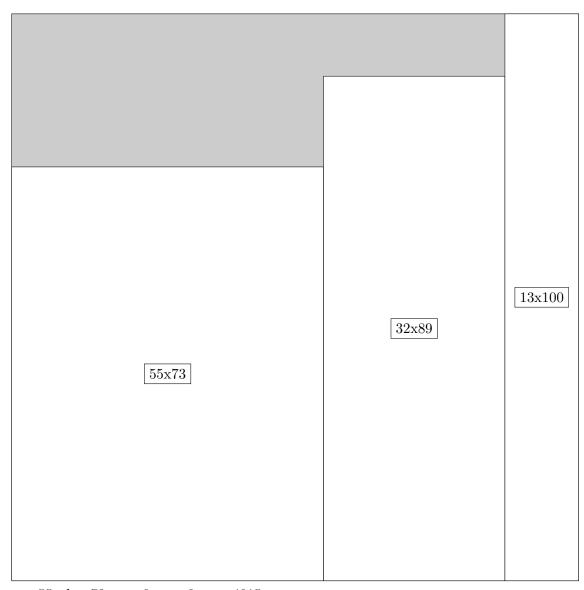
$$\le -78$$
 , h =37 , x =0 , y =57 , v =2886

$$\le =20$$
 , h =88 , x =80 , y =0 , v =1760

$$\le =16$$
 ,  $h=4$  ,  $x=78$  ,  $y=88$  ,  $v=64$ 

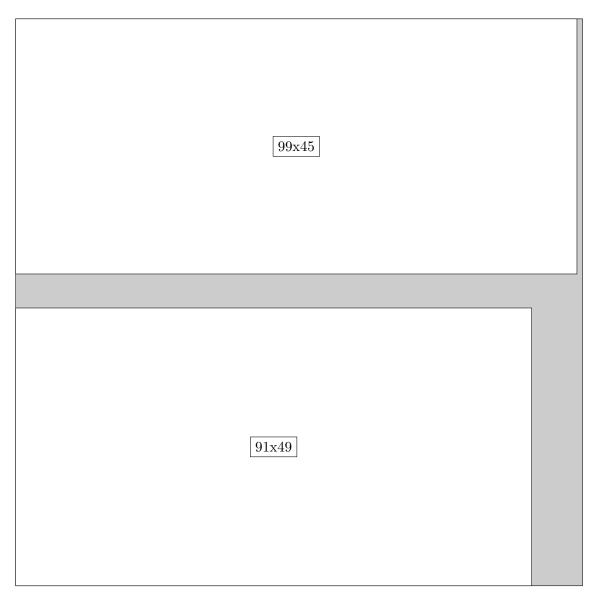


w = 2, h = 89, x = 74, y = 0, v = 178

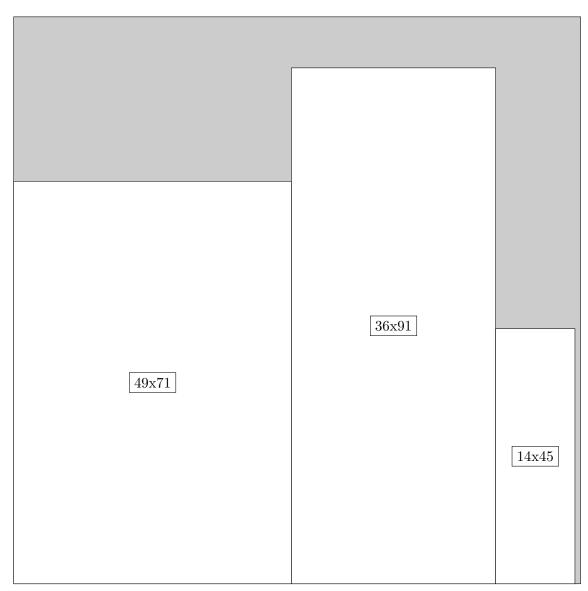


 $w=\!55$  ,  $h=\!73$  ,  $x=\!0$  ,  $y=\!0$  ,  $v=\!4015$   $w=\!32$  ,  $h=\!89$  ,  $x=\!55$  ,  $y=\!0$  ,  $v=\!2848$ 

w = 13, h = 100, x = 87, y = 0, v = 1300



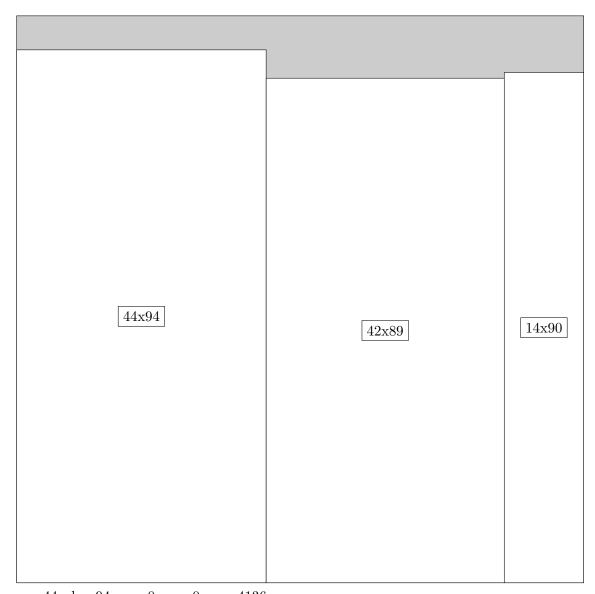
$$\begin{array}{c} w = 91 \ , \ h = 49 \ , \ x = 0 \ , \ y = 0 \ , \ v = 4459 \\ w = 99 \ , \ h = 45 \ , \ x = 0 \ , \ y = 55 \ , \ v = 4455 \\ \end{array}$$



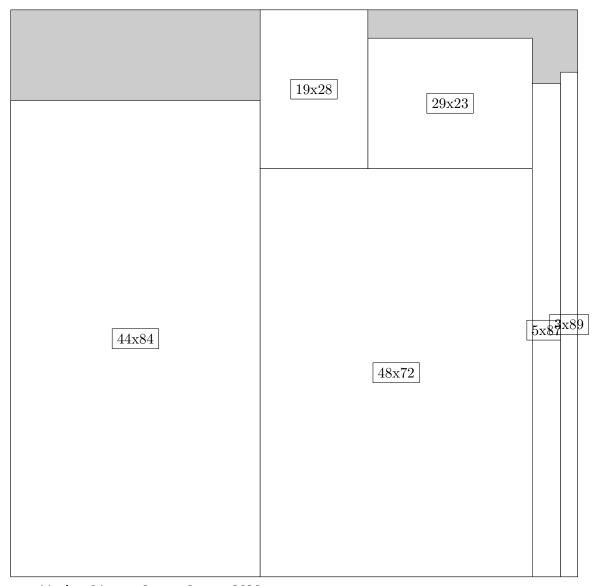
$$\mathbf{w}$$
 =49 , h =71 , x =0 , y =0 , v =3479

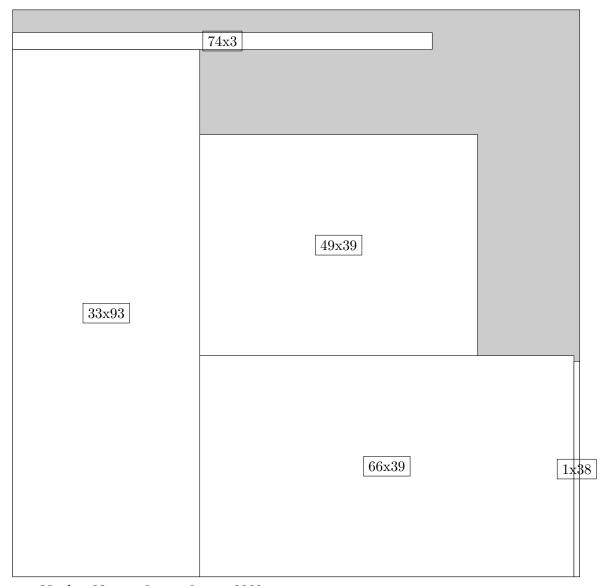
$$\le =36$$
 , h =91 , x =49 , y =0 , v =3276

$$w$$
 =14 , h =45 , x =85 , y =0 , v =630



$$\begin{array}{l} w = \! 44 \; , \; h = \! 94 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4136 \\ w = \! 42 \; , \; h = \! 89 \; , \; x = \! 44 \; , \; y = \! 0 \; , \; v = \! 3738 \\ w = \! 14 \; , \; h = \! 90 \; , \; x = \! 86 \; , \; y = \! 0 \; , \; v = \! 1260 \end{array}$$





 $\le =33$  , h =93 , x =0 , y =0 , v =3069

w = 66, h = 39, x = 33, y = 0, v = 2574

 $\le =49$  , h =39 , x =33 , y =39 , v =1911

 $\le =74$  , h =3 , x =0 , y =93 , v =222

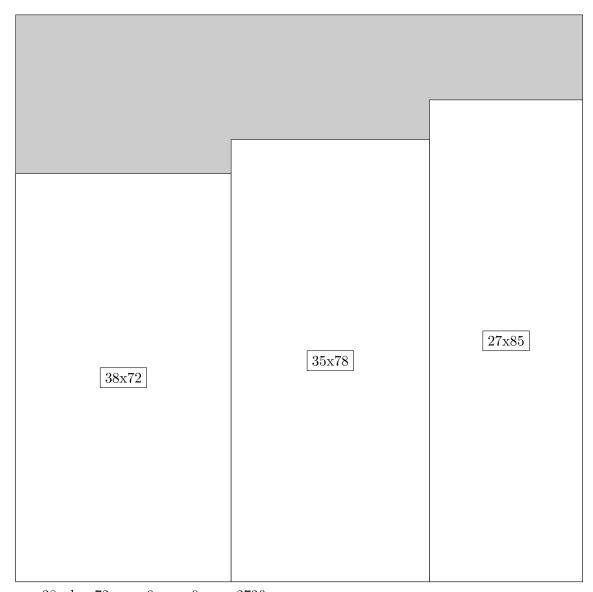
 $\mathbf{w}$  =1 , h =38 , x =99 , y =0 , v =38

37x85	38x77	25x77

 $\le =37$  , h=85 , x=0 , y=0 , v=3145

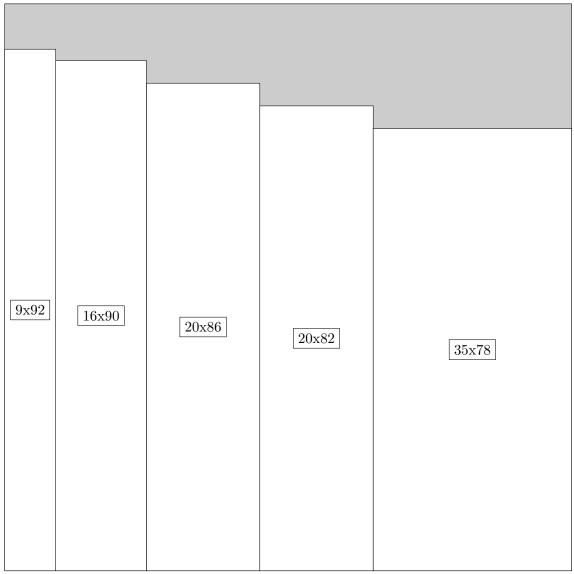
 $\le =38$  , h =77 , x =37 , y =0 , v =2926

 $\le =25$  , h =77 , x =75 , y =0 , v =1925

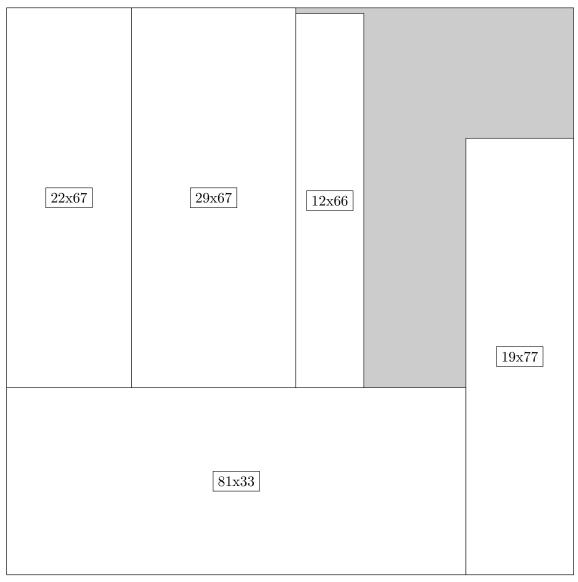


$$\begin{array}{l} w = \! 38 \ , \ h = \! 72 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2736 \\ w = \! 35 \ , \ h = \! 78 \ , \ x = \! 38 \ , \ y = \! 0 \ , \ v = \! 2730 \end{array}$$

$$\le =27$$
 , h =85 , x =73 , y =0 , v =2295



$$\begin{array}{l} w=20 \ , \ h=86 \ , \ x=25 \ , \ y=0 \ , \ v=1720 \\ w=20 \ , \ h=82 \ , \ x=45 \ , \ y=0 \ , \ v=1640 \\ w=35 \ , \ h=78 \ , \ x=65 \ , \ y=0 \ , \ v=2730 \\ w=16 \ , \ h=90 \ , \ x=9 \ , \ y=0 \ , \ v=1440 \\ w=9 \ , \ h=92 \ , \ x=0 \ , \ y=0 \ , \ v=828 \end{array}$$



$$w = 81$$
,  $h = 33$ ,  $x = 0$ ,  $y = 0$ ,  $v = 2673$ 

$$\le =29$$
 , h =67 , x =22 , y =33 , v =1943

$$\le =22$$
 , h =67 , x =0 , y =33 , v =1474

$$\mathbf{w}$$
 =19 , h =77 , x =81 , y =0 , v =1463

$$\mathbf{w}$$
 =12 , h =66 , x =51 , y =33 , v =792