$ClassName: \ Class\_07.2bp-24$ 

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>150000</u> InS: <u>121178</u> Rate: <u>0.808</u> UB: <u>15</u> LB0: <u>15</u> LB: <u>15</u>

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

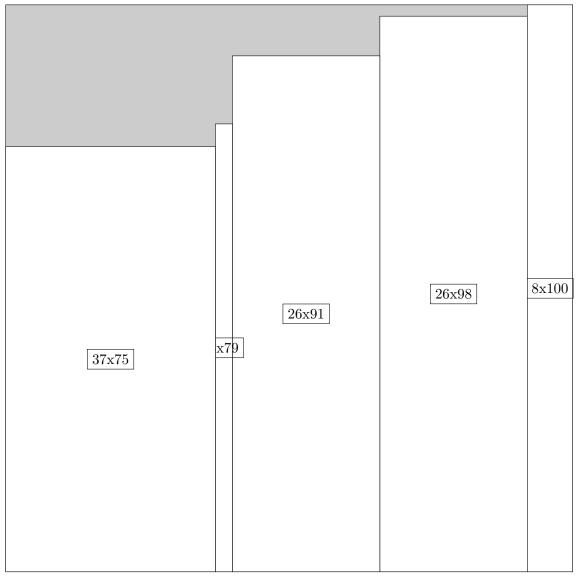
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

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

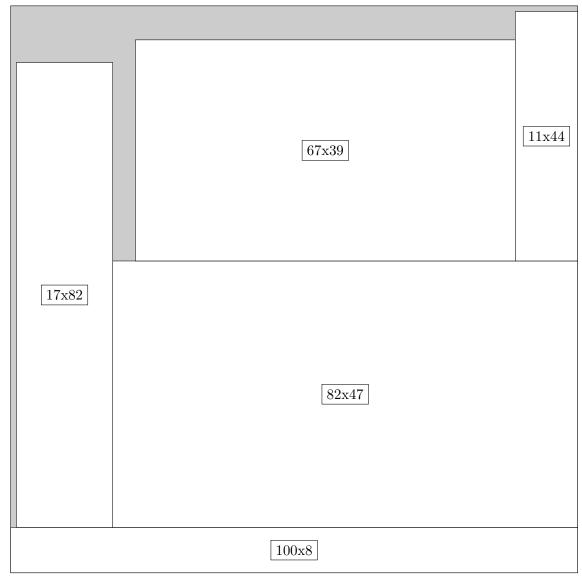
isOpt:  $\underline{\mathbf{true}}$ 

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

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



$$\begin{array}{l} w=8 \ , \ h=100 \ , \ x=92 \ , \ y=0 \ , \ v=800 \\ w=26 \ , \ h=98 \ , \ x=66 \ , \ y=0 \ , \ v=2548 \\ w=26 \ , \ h=91 \ , \ x=40 \ , \ y=0 \ , \ v=2366 \\ w=3 \ , \ h=79 \ , \ x=37 \ , \ y=0 \ , \ v=237 \\ w=37 \ , \ h=75 \ , \ x=0 \ , \ y=0 \ , \ v=2775 \end{array}$$



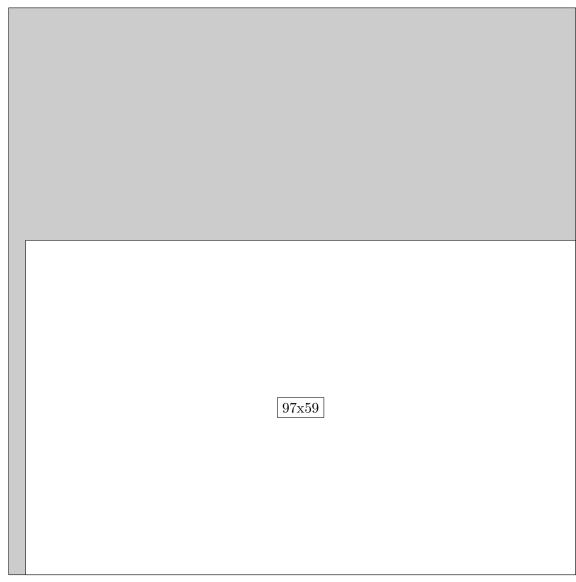
$$w = 100$$
,  $h = 8$ ,  $x = 0$ ,  $y = 0$ ,  $v = 800$ 

$$\le =82$$
 , h =47 , x =18 , y =8 , v =3854

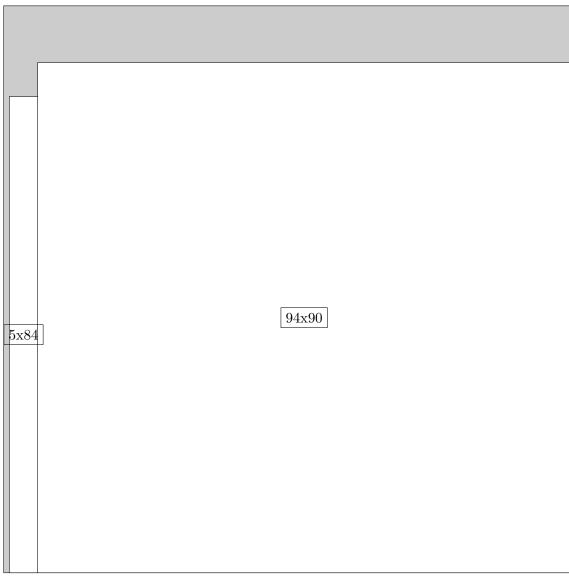
$$w=\!11$$
 ,  $h=\!44$  ,  $x=\!89$  ,  $y=\!55$  ,  $v=\!484$ 

$$\le =67$$
 , h =39 , x =22 , y =55 , v =2613

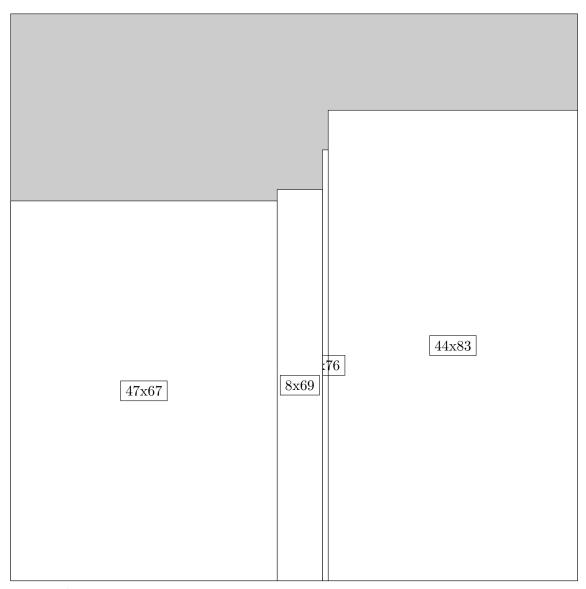
$$w = 17$$
,  $h = 82$ ,  $x = 1$ ,  $y = 8$ ,  $v = 1394$ 



 $\le =97$  , h =59 , x =3 , y =0 , v =5723



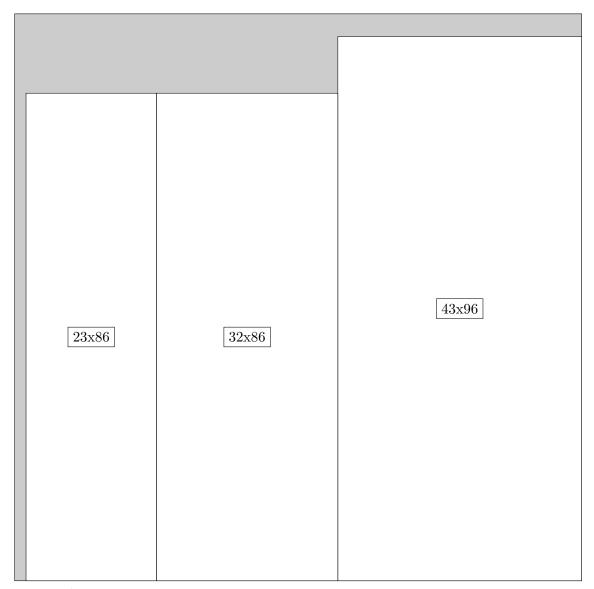
 $\begin{array}{l} w = \! 94 \; , \; h = \! 90 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 8460 \\ w = \! 5 \; , \; h = \! 84 \; , \; x = \! 1 \; , \; y = \! 0 \; , \; v = \! 420 \end{array}$ 



 $\begin{array}{l} w = \!\! 44 \ , \ h = \!\! 83 \ , \ x = \!\! 56 \ , \ y = \!\! 0 \ , \ v = \!\! 3652 \\ w = \!\! 1 \ , \ h = \!\! 76 \ , \ x = \!\! 55 \ , \ y = \!\! 0 \ , \ v = \!\! 76 \\ \end{array}$ 

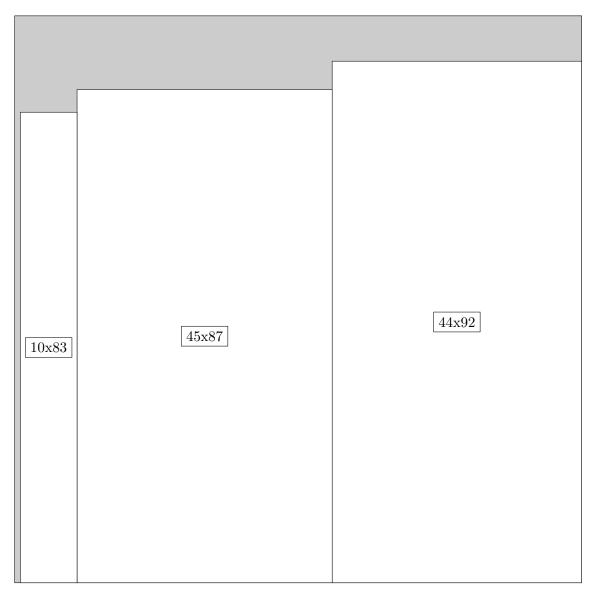
w =8 , h =69 , x =47 , y =0 , v =552

 $\mathbf{w}$  =47 ,  $\mathbf{h}$  =67 ,  $\mathbf{x}$  =0 ,  $\mathbf{y}$  =0 ,  $\mathbf{v}$  =3149

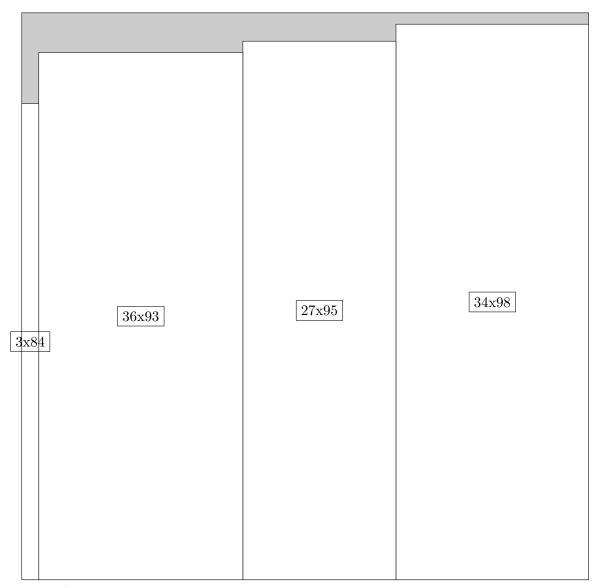


 $\begin{array}{l} w = \! 43 \ , \ h = \! 96 \ , \ x = \! 57 \ , \ y = \! 0 \ , \ v = \! 4128 \\ w = \! 32 \ , \ h = \! 86 \ , \ x = \! 25 \ , \ y = \! 0 \ , \ v = \! 2752 \end{array}$ 

 $\le =23$  , h =86 , x =2 , y =0 , v =1978

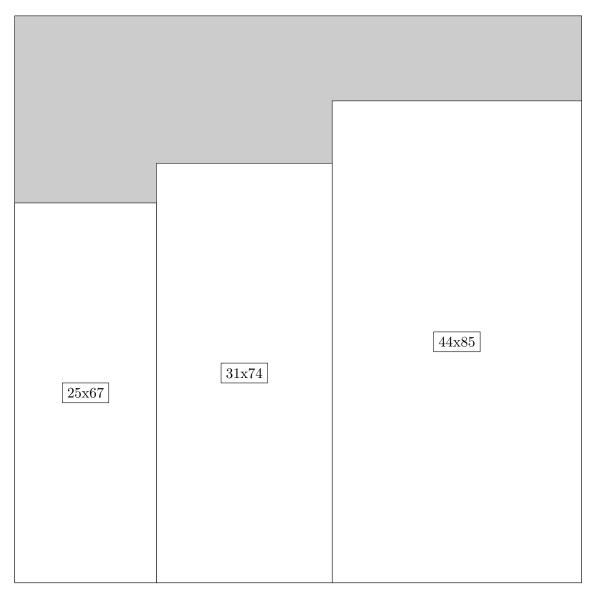


 $\begin{array}{l} w = \! 44 \ , \ h = \! 92 \ , \ x = \! 56 \ , \ y = \! 0 \ , \ v = \! 4048 \\ w = \! 45 \ , \ h = \! 87 \ , \ x = \! 11 \ , \ y = \! 0 \ , \ v = \! 3915 \\ w = \! 10 \ , \ h = \! 83 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 830 \end{array}$ 



 $\begin{array}{l} w = \! 34 \; , \; h = \! 98 \; , \; x = \! 66 \; , \; y = \! 0 \; , \; v = \! 3332 \\ w = \! 27 \; , \; h = \! 95 \; , \; x = \! 39 \; , \; y = \! 0 \; , \; v = \! 2565 \\ w = \! 36 \; , \; h = \! 93 \; , \; x = \! 3 \; , \; y = \! 0 \; , \; v = \! 3348 \end{array}$ 

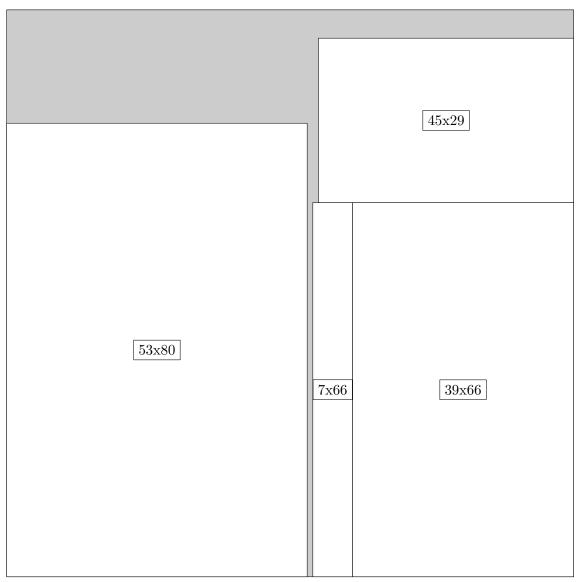
 $\mathbf{w}$  =3 , h =84 , x =0 , y =0 , v =252



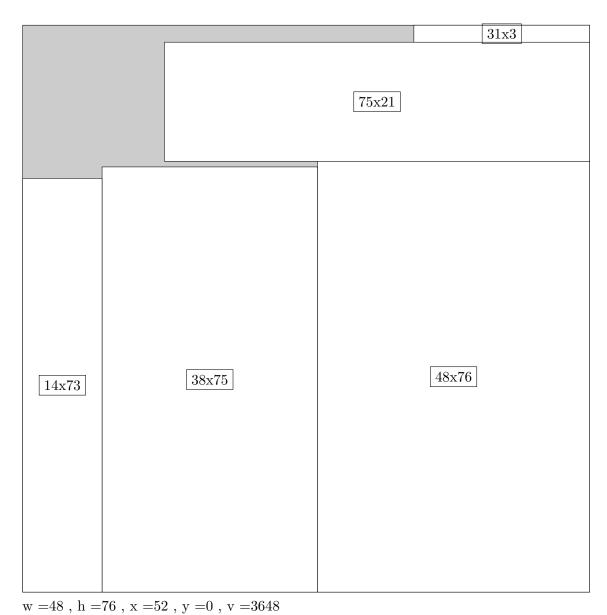
w = 44, h = 85, x = 56, y = 0, v = 3740

 $\le =31$  , h =74 , x =25 , y =0 , v =2294

 $\le =25$  , h =67 , x =0 , y =0 , v =1675



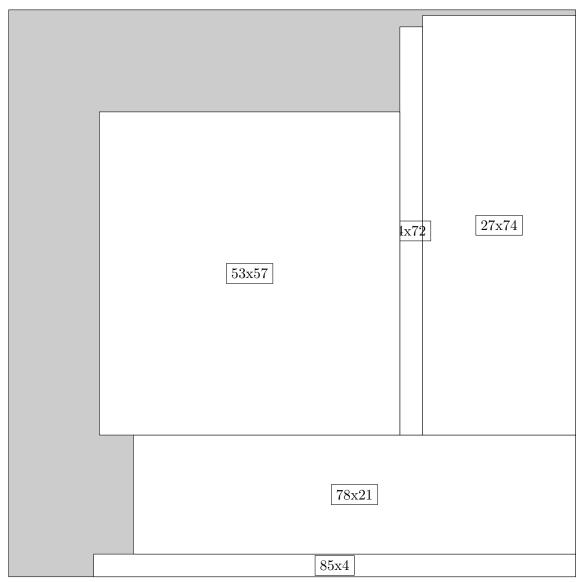
 $\begin{array}{l} w = & 39 \ , \, h = & 66 \ , \, x = & 61 \ , \, y = & 0 \ , \, v = & 2574 \\ w = & 7 \ , \, h = & 66 \ , \, x = & 54 \ , \, y = & 0 \ , \, v = & 462 \\ w = & 45 \ , \, h = & 29 \ , \, x = & 55 \ , \, y = & 66 \ , \, v = & 1305 \\ w = & 53 \ , \, h = & 80 \ , \, x = & 0 \ , \, y = & 0 \ , \, v = & 4240 \end{array}$ 



w = 46, fi = 76, x = 52, y = 6, v = 3648 w = 38, h = 75, x = 14, y = 0, v = 2850 w = 14, h = 73, x = 0, y = 0, v = 1022

 $\le -75$  , h = 21 , x = 25 , y = 76 , v = 1575

 $\le =31$  , h=3 , x=69 , y=97 , v=93



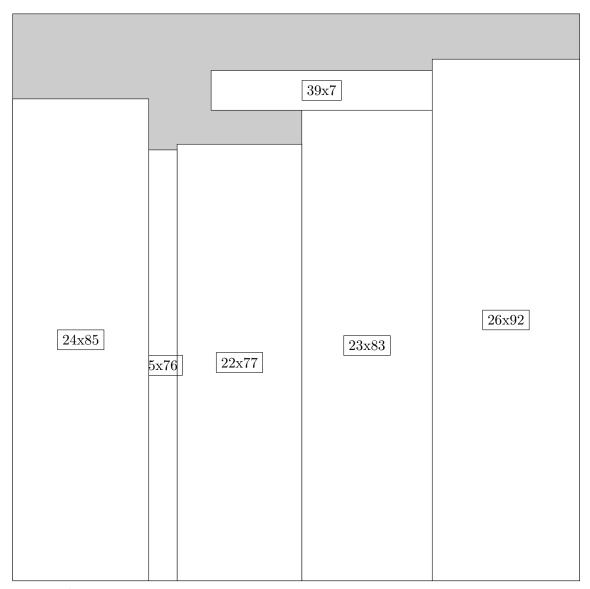
$$w = 85$$
,  $h = 4$ ,  $x = 15$ ,  $y = 0$ ,  $v = 340$ 

$$\le =78$$
 , h =21 , x =22 , y =4 , v =1638

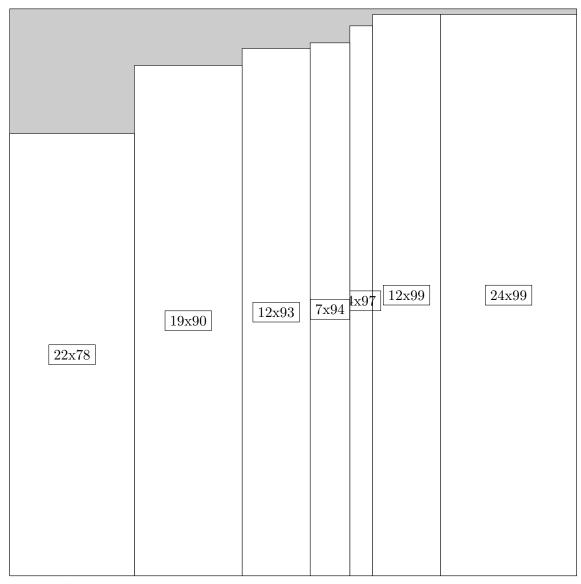
$$\le =27$$
 , h =74 , x =73 , y =25 , v =1998

$$\mathbf{w}$$
 =4 , h =72 , x =69 , y =25 , v =288

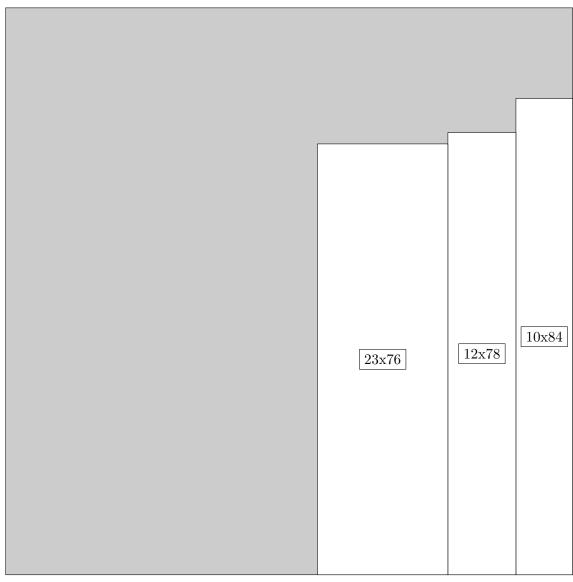
$$\le =53$$
 ,  $h=57$  ,  $x=16$  ,  $y=25$  ,  $v=3021$ 



$$\begin{array}{l} w=26 \;,\; h=92 \;,\; x=74 \;,\; y=0 \;,\; v=2392 \\ w=23 \;,\; h=83 \;,\; x=51 \;,\; y=0 \;,\; v=1909 \\ w=22 \;,\; h=77 \;,\; x=29 \;,\; y=0 \;,\; v=1694 \\ w=5 \;,\; h=76 \;,\; x=24 \;,\; y=0 \;,\; v=380 \\ w=39 \;,\; h=7 \;,\; x=35 \;,\; y=83 \;,\; v=273 \\ w=24 \;,\; h=85 \;,\; x=0 \;,\; y=0 \;,\; v=2040 \end{array}$$



```
\begin{array}{l} w=24 \;,\; h=99 \;,\; x=76 \;,\; y=0 \;,\; v=2376 \\ w=12 \;,\; h=99 \;,\; x=64 \;,\; y=0 \;,\; v=1188 \\ w=4 \;,\; h=97 \;,\; x=60 \;,\; y=0 \;,\; v=388 \\ w=7 \;,\; h=94 \;,\; x=53 \;,\; y=0 \;,\; v=658 \\ w=12 \;,\; h=93 \;,\; x=41 \;,\; y=0 \;,\; v=1116 \\ w=19 \;,\; h=90 \;,\; x=22 \;,\; y=0 \;,\; v=1710 \\ w=22 \;,\; h=78 \;,\; x=0 \;,\; y=0 \;,\; v=1716 \end{array}
```



$$w$$
 =10 ,  $h$  =84 ,  $x$  =90 ,  $y$  =0 ,  $v$  =840

$$\le =12$$
 , h =78 , x =78 , y =0 , v =936

$$\le =23$$
 ,  $h$  =76 ,  $x$  =55 ,  $y$  =0 ,  $v$  =1748