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

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>

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

LB: **14** 

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

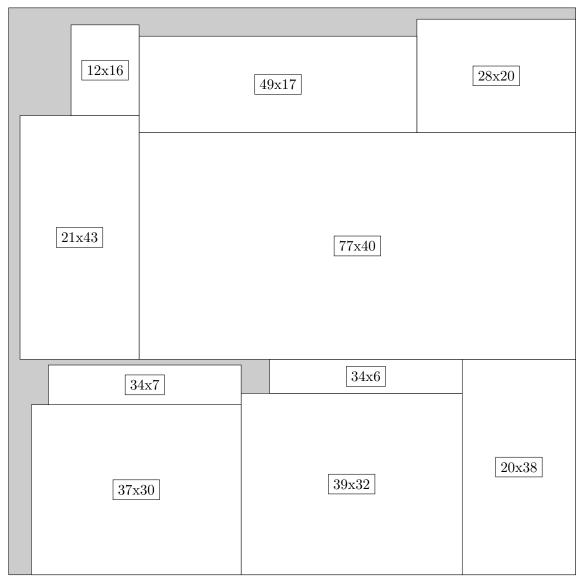
GenNodeCnt: 1
PrimalNode: 0
ColumnCount: 14
TotalCutCount: 0
RootCutCount: 1
PricingSolverCnt: 1
PricingSolverCnt: 0
Branch And Bound Nu

Branch And<br/>Bound Num:  $\underline{\mathbf{1}}$ 

is Opt:  $\underline{\mathbf{true}}$ 

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.079 sTotalTime: 600.329 s



$$w = 20$$
,  $h = 38$ ,  $x = 80$ ,  $y = 0$ ,  $v = 760$ 

$$w=\!39$$
 ,  $h=\!32$  ,  $x=\!41$  ,  $y=\!0$  ,  $v=\!1248$ 

$$w=\!34$$
 ,  $h=\!6$  ,  $x=\!46$  ,  $y=\!32$  ,  $v=\!204$ 

$$w = 37$$
,  $h = 30$ ,  $x = 4$ ,  $y = 0$ ,  $v = 1110$ 

$$\le =34$$
 ,  $h=7$  ,  $x=7$  ,  $y=30$  ,  $v=238$ 

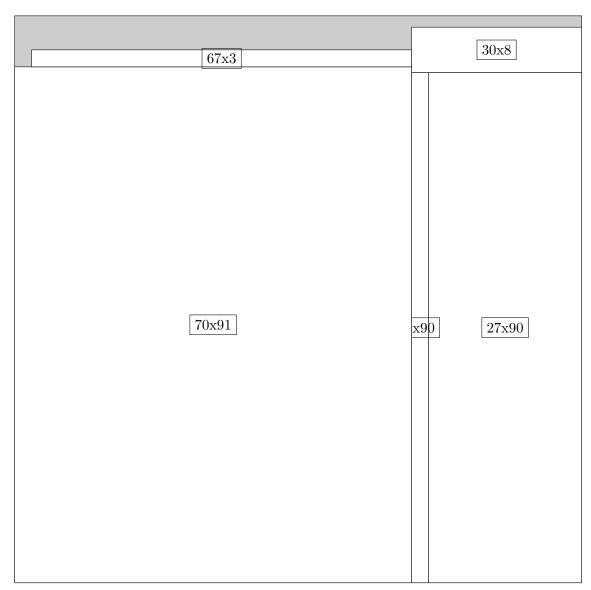
$$w$$
 =77 ,  $h$  =40 ,  $x$  =23 ,  $y$  =38 ,  $v$  =3080

$$w = 28$$
,  $h = 20$ ,  $x = 72$ ,  $y = 78$ ,  $v = 560$ 

$$w = 49$$
,  $h = 17$ ,  $x = 23$ ,  $y = 78$ ,  $v = 833$ 

$$w = 21$$
,  $h = 43$ ,  $x = 2$ ,  $y = 38$ ,  $v = 903$ 

$$w=\!12$$
 ,  $h=\!16$  ,  $x=\!11$  ,  $y=\!81$  ,  $v=\!192$ 



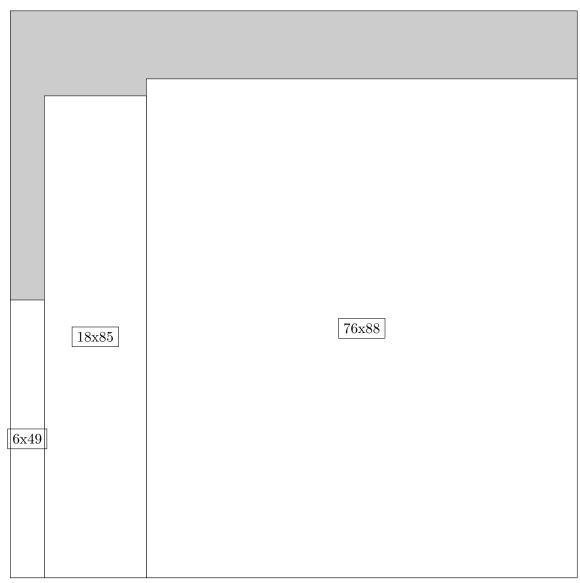
w = 27 , h = 90 , x = 73 , y = 0 , v = 2430

 $\le =3$  ,  $\le =90$  ,  $\ge =70$  , y =0 , v =270

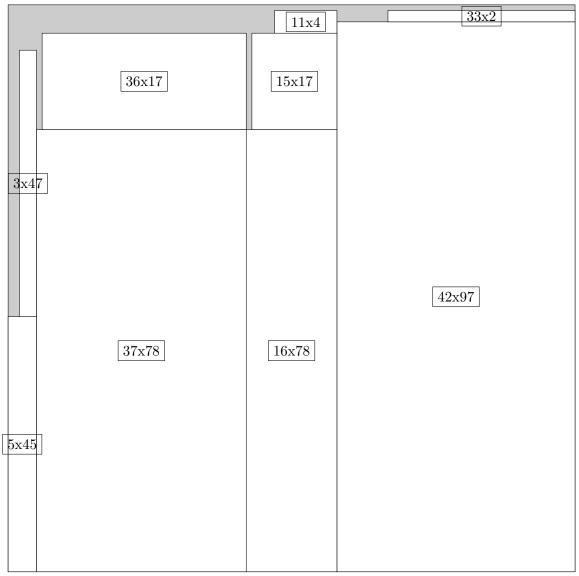
 $\le =30$  , h =8 , x =70 , y =90 , v =240

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

w = 67, h = 3, x = 3, y = 91, v = 201



 $\begin{array}{l} w = \! 76 \ , \ h = \! 88 \ , \ x = \! 24 \ , \ y = \! 0 \ , \ v = \! 6688 \\ w = \! 18 \ , \ h = \! 85 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 1530 \\ w = \! 6 \ , \ h = \! 49 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 294 \end{array}$ 



$$\le =42$$
 ,  $\le =97$  ,  $\ge =58$  , y =0 , v =4074

$$w = 33$$
,  $h = 2$ ,  $x = 67$ ,  $y = 97$ ,  $v = 66$ 

$$w = 16$$
,  $h = 78$ ,  $x = 42$ ,  $y = 0$ ,  $v = 1248$ 

$$w = 15$$
,  $h = 17$ ,  $x = 43$ ,  $y = 78$ ,  $v = 255$ 

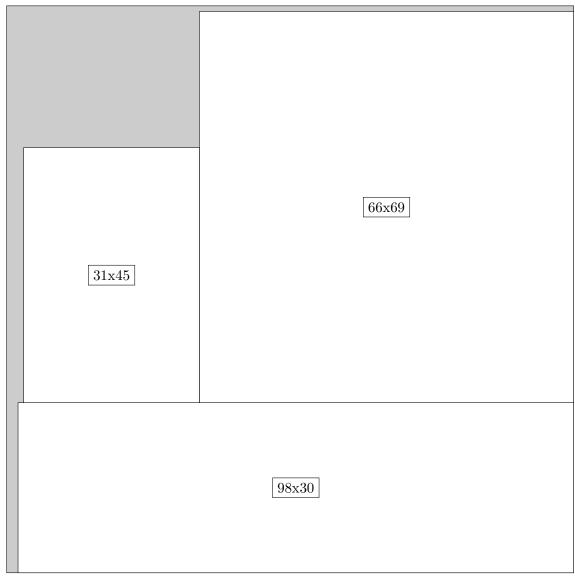
$$w=\!11$$
 ,  $h=\!4$  ,  $x=\!47$  ,  $y=\!95$  ,  $v=\!44$ 

$$\le =37$$
 , h =78 , x =5 , y =0 , v =2886

$$\le =36$$
 ,  $h=17$  ,  $x=6$  ,  $y=78$  ,  $v=612$ 

$$\mathbf{w}$$
 =5 , h =45 , x =0 , y =0 , v =225

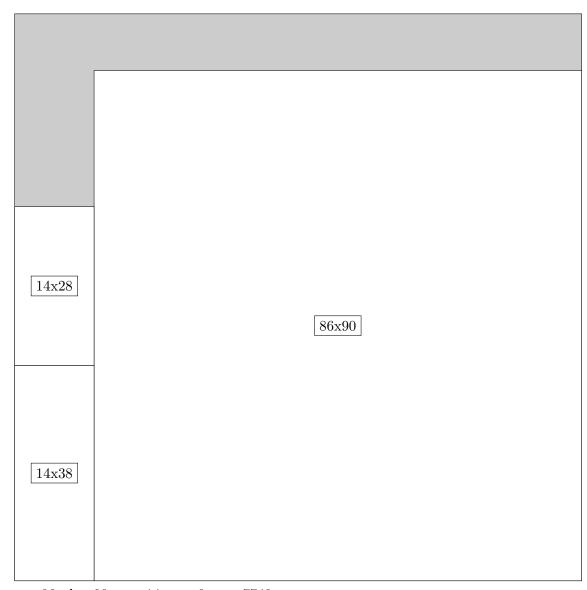
$$\mathbf{w}$$
 =3 , h =47 , x =2 , y =45 , v =141



$$\le =98$$
 , h =30 , x =2 , y =0 , v =2940

$$\mathbf{w}$$
 =66 , h =69 , x =34 , y =30 , v =4554

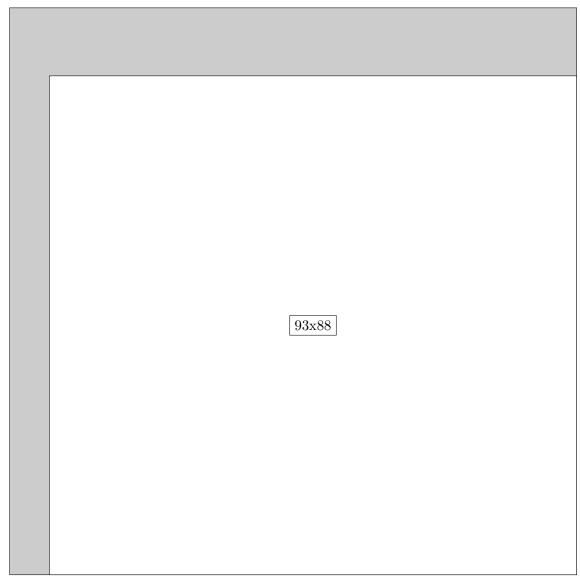
$$\le =31$$
 , h =45 , x =3 , y =30 , v =1395



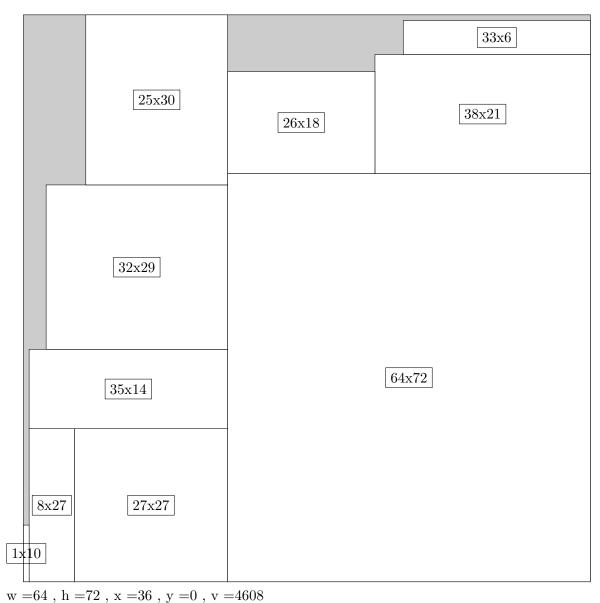
$$\le =86$$
 ,  $h=90$  ,  $x=14$  ,  $y=0$  ,  $v=7740$ 

$$\le =14$$
 , h =38 , x =0 , y =0 , v =532

$$\le =14$$
 , h =28 , x =0 , y =38 , v =392



 $\le =93$  ,  $\le =88$  ,  $\ge =7$  ,  $\ge =0$  ,  $\ge =8184$ 



$$\le =33$$
 , h =6 , x =67 , y =93 , v =198

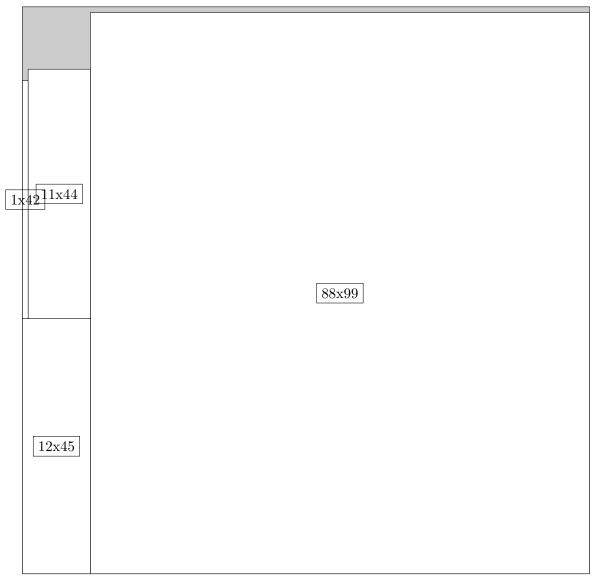
$$\le =26$$
 ,  $h$  =18 ,  $x$  =36 ,  $y$  =72 ,  $v$  =468

$$w = 27$$
,  $h = 27$ ,  $x = 9$ ,  $y = 0$ ,  $v = 729$ 

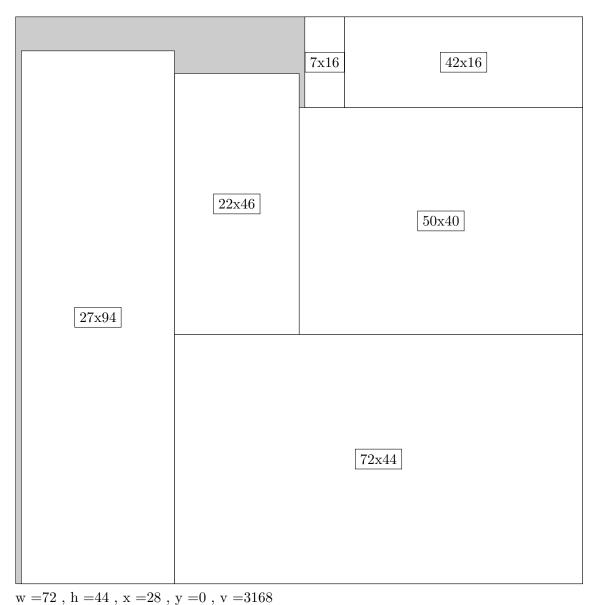
$$\begin{array}{l} w = 8 \ , \ h = \! 27 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 216 \\ w = \! 1 \ , \ h = \! 10 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 10 \\ \end{array}$$

$$w = 33$$
,  $h = 14$ ,  $x = 1$ ,  $y = 2t$ ,  $v = 490$   
 $w = 32$ ,  $h = 29$ ,  $x = 4$ ,  $y = 41$ ,  $v = 928$ 

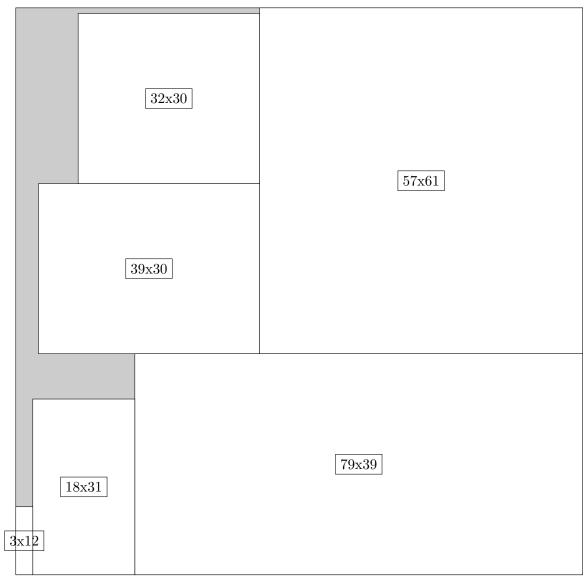
$$w = 32$$
,  $h = 23$ ,  $x = 4$ ,  $y = 41$ ,  $v = 328$   
 $w = 25$ ,  $h = 30$ ,  $x = 11$ ,  $y = 70$ ,  $v = 750$ 



 $\begin{array}{l} w = \! 88 \; , \; h = \! 99 \; , \; x = \! 12 \; , \; y = \! 0 \; , \; v = \! 8712 \\ w = \! 12 \; , \; h = \! 45 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 540 \\ w = \! 11 \; , \; h = \! 44 \; , \; x = \! 1 \; , \; y = \! 45 \; , \; v = \! 484 \\ w = \! 1 \; , \; h = \! 42 \; , \; x = \! 0 \; , \; y = \! 45 \; , \; v = \! 42 \end{array}$ 



 $\le =27$  , h=94 , x=1 , y=0 , v=2538



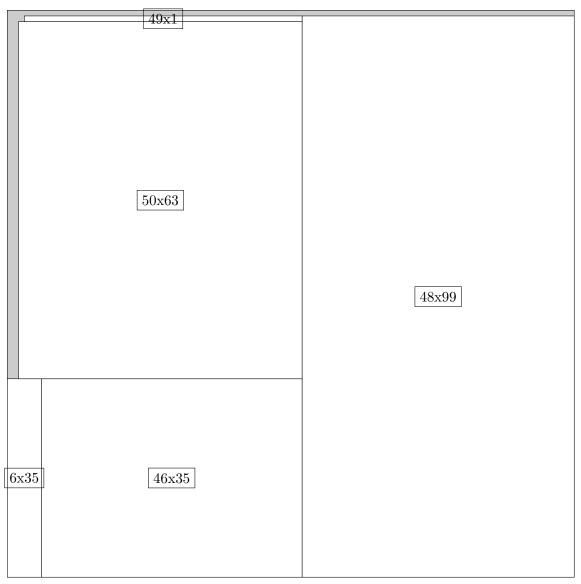
w =79 , h =39 , x =21 , y =0 , v =3081  $\le =18$  , h=31 , x=3 , y=0 , v=558

 $\mathbf{w}$  =3 , h =12 , x =0 , y =0 , v =36

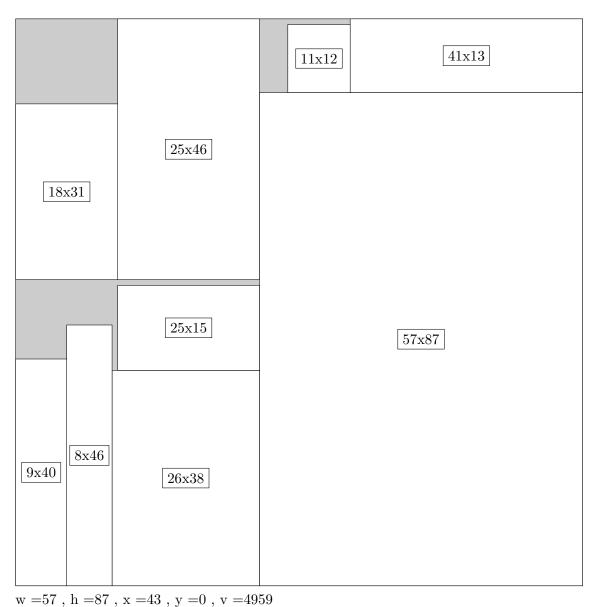
w =57 , h =61 , x =43 , y =39 , v =3477

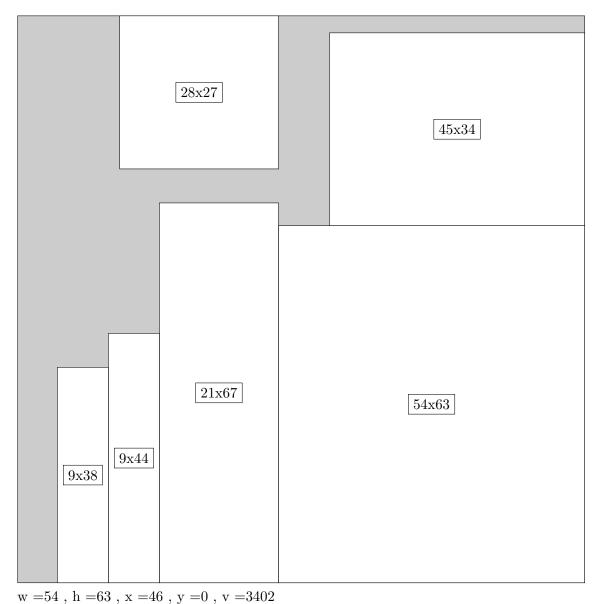
 $\le =39$  , h =30 , x =4 , y =39 , v =1170

 $\le =32$  , h =30 , x =11 , y =69 , v =960



$$\begin{array}{l} w = 48 \; , \; h = 99 \; , \; x = 52 \; , \; y = 0 \; , \; v = 4752 \\ w = 46 \; , \; h = 35 \; , \; x = 6 \; , \; y = 0 \; , \; v = 1610 \\ w = 6 \; , \; h = 35 \; , \; x = 0 \; , \; y = 0 \; , \; v = 210 \\ w = 50 \; , \; h = 63 \; , \; x = 2 \; , \; y = 35 \; , \; v = 3150 \\ w = 49 \; , \; h = 1 \; , \; x = 3 \; , \; y = 98 \; , \; v = 49 \end{array}$$





w = 45, h = 34, x = 55, y = 63, v = 1530 w = 21, h = 67, x = 25, y = 0, v = 1407 w = 9, h = 44, x = 16, y = 0, v = 396 w = 9, h = 38, x = 7, y = 0, v = 342

 $w=\!28$  ,  $h=\!27$  ,  $x=\!18$  ,  $y=\!73$  ,  $v=\!756$