$ClassName: \ Class_10.2bp\text{-}43$

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

TypeNum: <u>99</u> Num: <u>100</u> OutS: <u>180000</u> InS: <u>161944</u> Rate: <u>0.900</u> UB: <u>18</u> LB0: <u>17</u> LB: <u>18</u>

LBWithCut: $\underline{\mathbf{18}}$ NodeCut: $\underline{\mathbf{0}}$

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

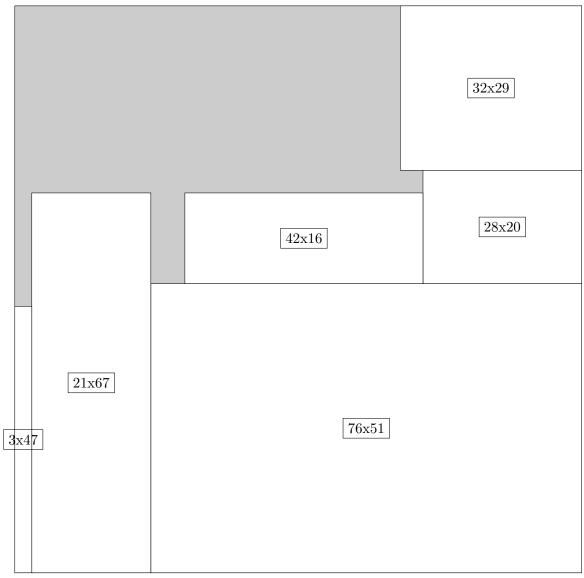
GenNodeCnt: $\underline{1}$ PrimalNode: $\underline{0}$ ColumnCount: $\underline{54}$ TotalCutCount: $\underline{0}$ RootCutCount: $\underline{0}$ LPSolverCnt: $\underline{37}$ PricingSolverCnt: $\underline{37}$ BranchAndBoundNum: $\underline{1}$

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

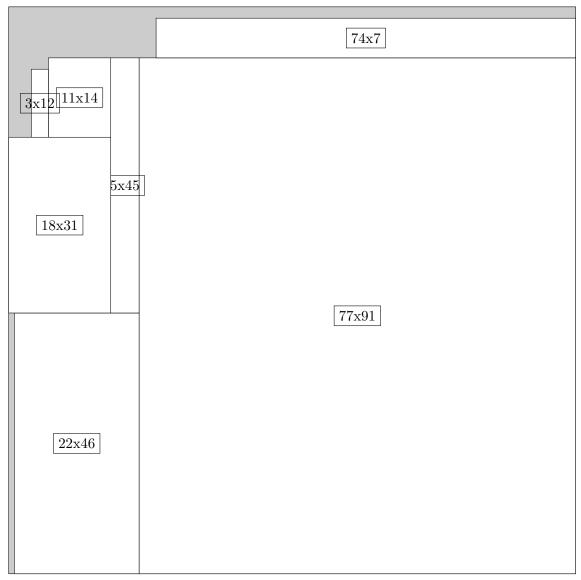
TimeOnInitSolution: $\underline{600.000 \text{ s}}$

TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{2999.647 \text{ s}}$

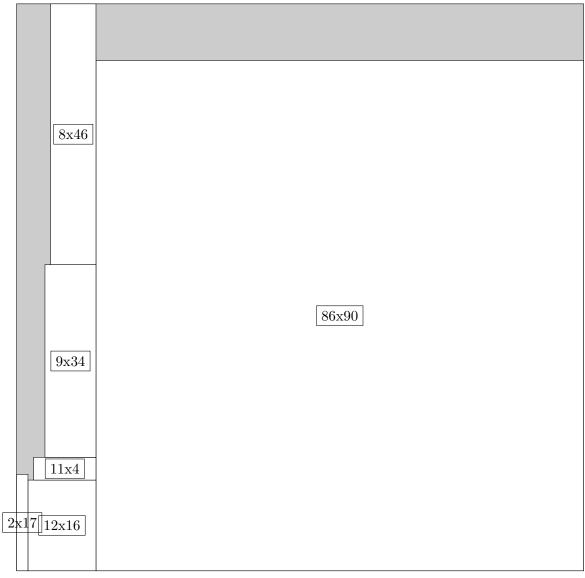
TimeOnRmp: 0.077 sTotalTime: 3600.007 s



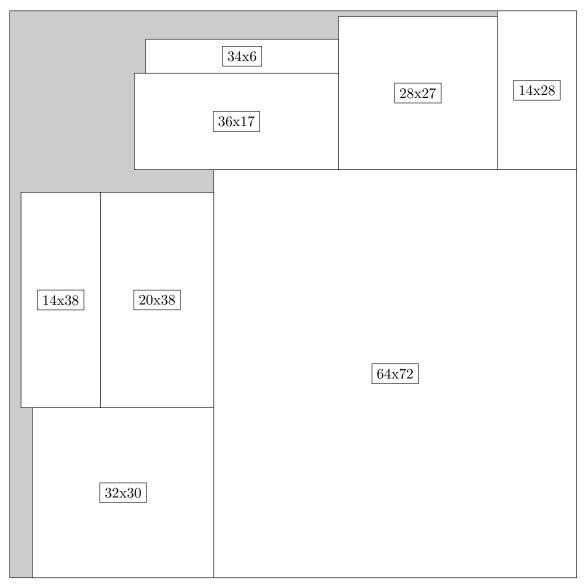
 $\begin{array}{l} w=76 \;,\; h=51 \;,\; x=24 \;,\; y=0 \;,\; v=3876 \\ w=28 \;,\; h=20 \;,\; x=72 \;,\; y=51 \;,\; v=560 \\ w=42 \;,\; h=16 \;,\; x=30 \;,\; y=51 \;,\; v=672 \\ w=21 \;,\; h=67 \;,\; x=3 \;,\; y=0 \;,\; v=1407 \\ w=3 \;,\; h=47 \;,\; x=0 \;,\; y=0 \;,\; v=141 \\ w=32 \;,\; h=29 \;,\; x=68 \;,\; y=71 \;,\; v=928 \end{array}$



$$\begin{array}{l} w=77 \ , \ h=91 \ , \ x=23 \ , \ y=0 \ , \ v=7007 \\ w=22 \ , \ h=46 \ , \ x=1 \ , \ y=0 \ , \ v=1012 \\ w=5 \ , \ h=45 \ , \ x=18 \ , \ y=46 \ , \ v=225 \\ w=18 \ , \ h=31 \ , \ x=0 \ , \ y=46 \ , \ v=558 \\ w=11 \ , \ h=14 \ , \ x=7 \ , \ y=77 \ , \ v=154 \\ w=3 \ , \ h=12 \ , \ x=4 \ , \ y=77 \ , \ v=36 \\ w=74 \ , \ h=7 \ , \ x=26 \ , \ y=91 \ , \ v=518 \\ \end{array}$$



$$\begin{array}{l} w = \! 86 \; , \; h = \! 90 \; , \; x = \! 14 \; , \; y = \! 0 \; , \; v = \! 7740 \\ w = \! 12 \; , \; h = \! 16 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 192 \\ w = \! 11 \; , \; h = \! 4 \; , \; x = \! 3 \; , \; y = \! 16 \; , \; v = \! 44 \\ w = \! 2 \; , \; h = \! 17 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 34 \\ w = \! 9 \; , \; h = \! 34 \; , \; x = \! 5 \; , \; y = \! 20 \; , \; v = \! 306 \\ w = \! 8 \; , \; h = \! 46 \; , \; x = \! 6 \; , \; y = \! 54 \; , \; v = \! 368 \end{array}$$



$$w = 64$$
, $h = 72$, $x = 36$, $y = 0$, $v = 4608$

$$w = 32$$
, $h = 30$, $x = 4$, $y = 0$, $v = 960$

$$w$$
 =20 , h =38 , x =16 , y =30 , v =760

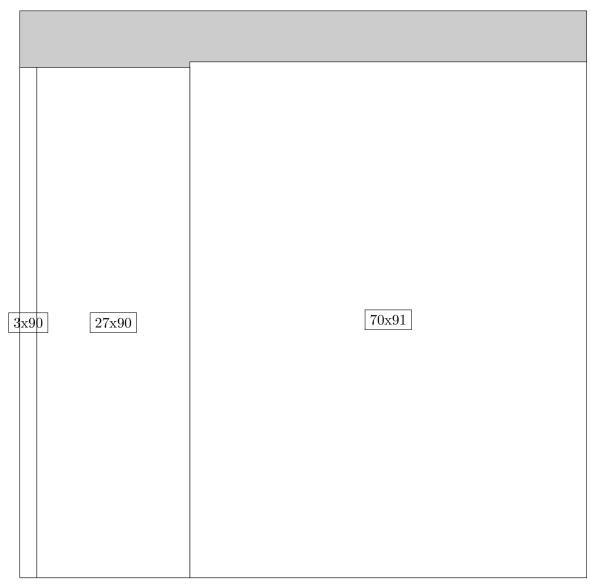
$$\le =14$$
 , h =38 , x =2 , y =30 , v =532

$$\le =14$$
 , $h=28$, $x=86$, $y=72$, $v=392$

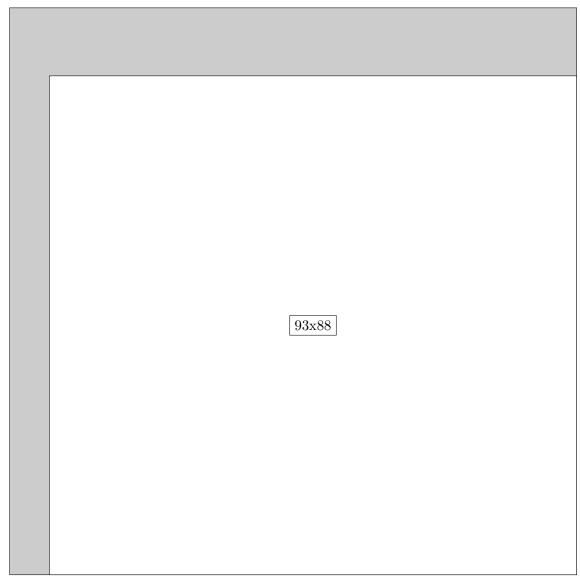
$$w$$
 =28 , h =27 , x =58 , y =72 , v =756

$$w = 36$$
, $h = 17$, $x = 22$, $y = 72$, $v = 612$

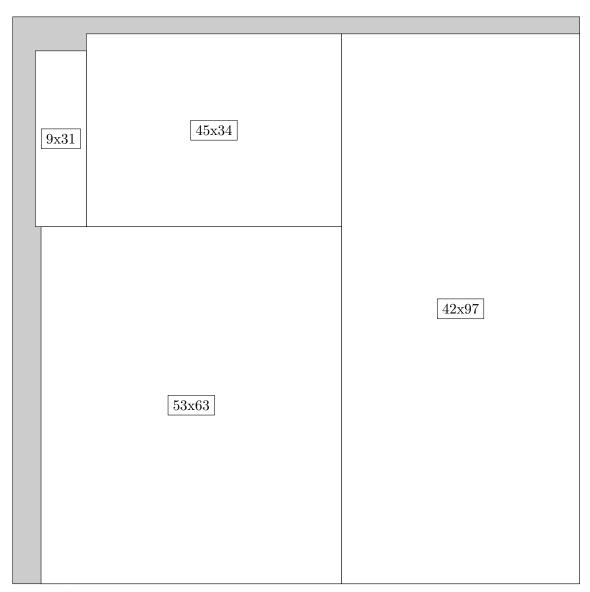
$$\le =34$$
 , $h=6$, $x=24$, $y=89$, $v=204$



 $\begin{array}{l} w = \! 70 \ , \ h = \! 91 \ , \ x = \! 30 \ , \ y = \! 0 \ , \ v = \! 6370 \\ w = \! 27 \ , \ h = \! 90 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 2430 \\ w = \! 3 \ , \ h = \! 90 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 270 \end{array}$



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

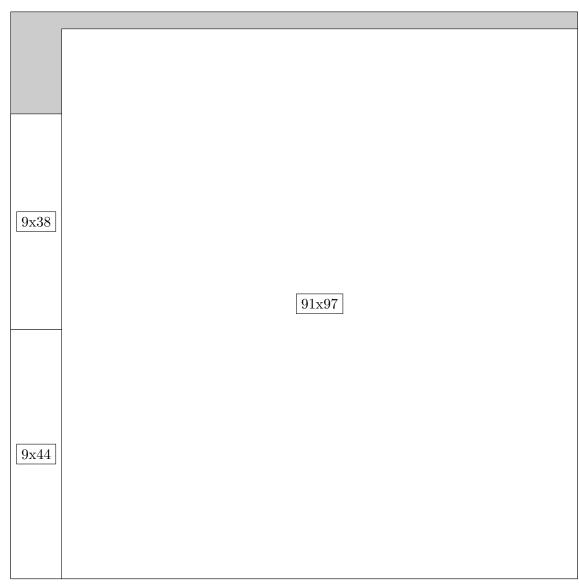


$$\le =42$$
 , h =97 , x =58 , y =0 , v =4074

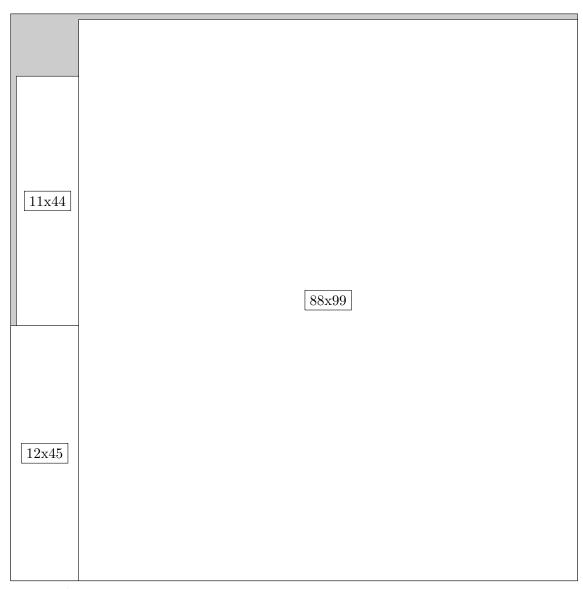
$$\le 53$$
 , h =63 , x =5 , y =0 , v =3339

$$\le =45$$
 , h =34 , x =13 , y =63 , v =1530

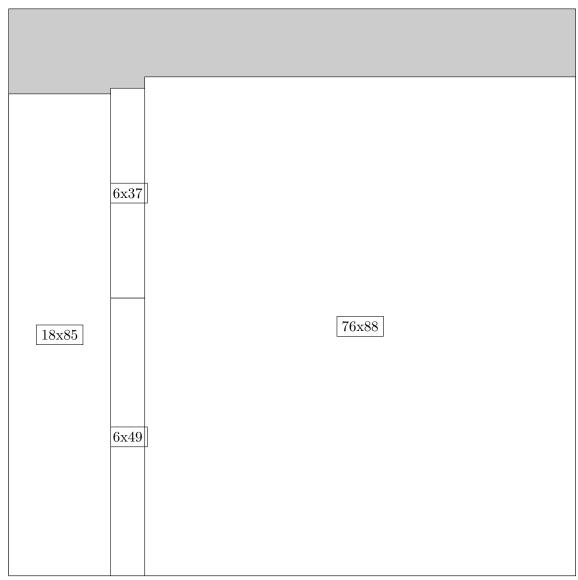
$$\le =9$$
 , h =31 , x =4 , y =63 , v =279

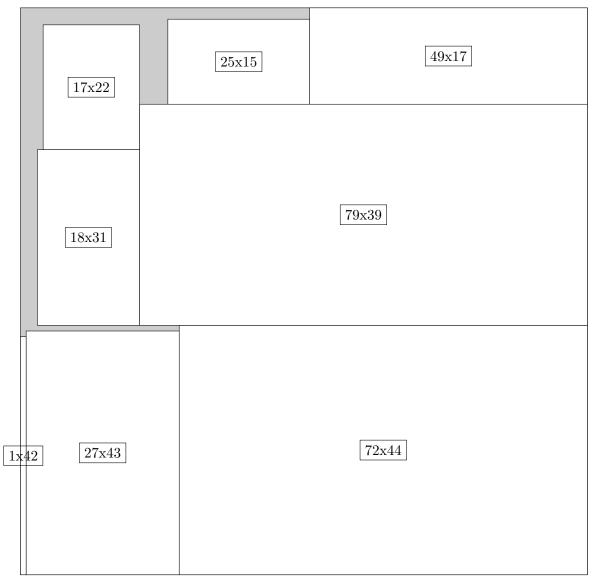


 $\begin{array}{l} w = \! 91 \; , \; h = \! 97 \; , \; x = \! 9 \; , \; y = \! 0 \; , \; v = \! 8827 \\ w = \! 9 \; , \; h = \! 44 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 396 \\ w = \! 9 \; , \; h = \! 38 \; , \; x = \! 0 \; , \; y = \! 44 \; , \; v = \! 342 \end{array}$



$$w$$
 =88 , h =99 , x =12 , y =0 , v =8712 w =12 , h =45 , x =0 , y =0 , v =540





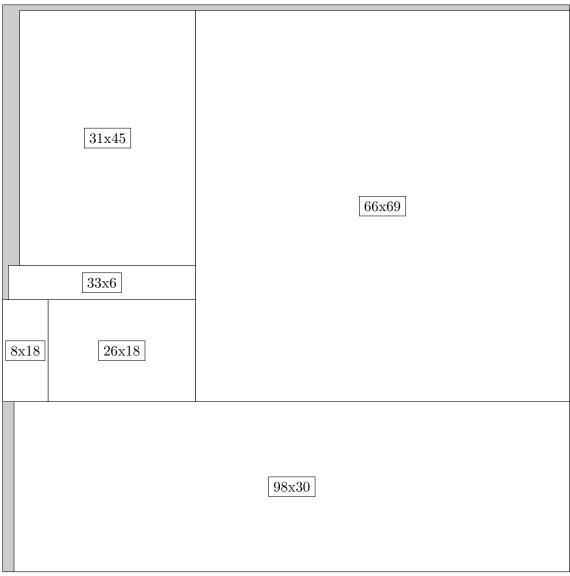
$$w = 1$$
, $h = 42$, $x = 0$, $y = 0$, $v = 42$

$$w$$
 =79 , h =39 , x =21 , y =44 , v =3081

$$w=\!49$$
 , $h=\!17$, $x=\!51$, $y=\!83$, $v=\!833$

$$\begin{array}{l} w = \! 25 \ , \ h = \! 15 \ , \ x = \! 26 \ , \ y = \! 83 \ , \ v = \! 375 \\ w = \! 18 \ , \ h = \! 31 \ , \ x = \! 3 \ , \ y = \! 44 \ , \ v = \! 558 \end{array}$$

$$w = 17$$
, $h = 22$, $x = 4$, $y = 75$, $v = 374$



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

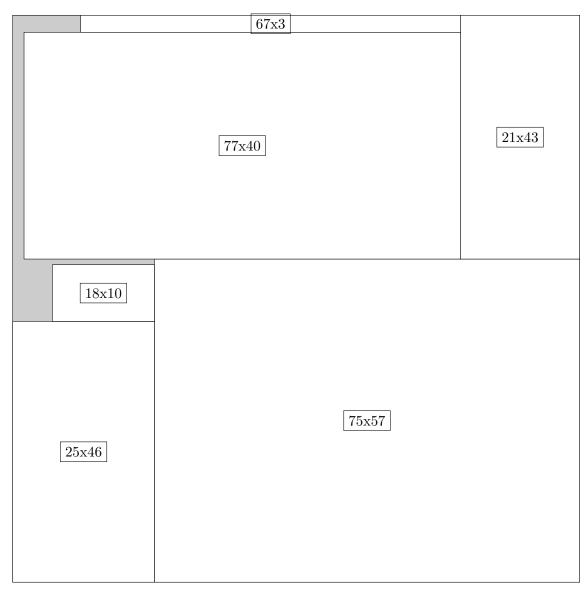
$$\le =66$$
 , h =69 , x =34 , y =30 , v =4554

$$\le =26$$
 , h =18 , x =8 , y =30 , v =468

$$\le =8$$
 , h =18 , x =0 , y =30 , v =144

$$\le =33$$
 , h =6 , x =1 , y =48 , v =198

$$\le =31$$
 , h =45 , x =3 , y =54 , v =1395



$$w$$
 =75 , h =57 , x =25 , y =0 , v =4275

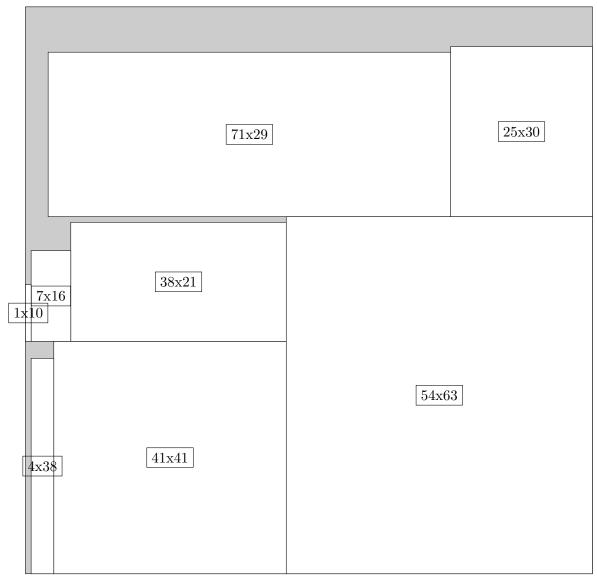
$$\le =25$$
 , h =46 , x =0 , y =0 , v =1150

$$\mathbf{w}$$
 =18 , h =10 , x =7 , y =46 , v =180

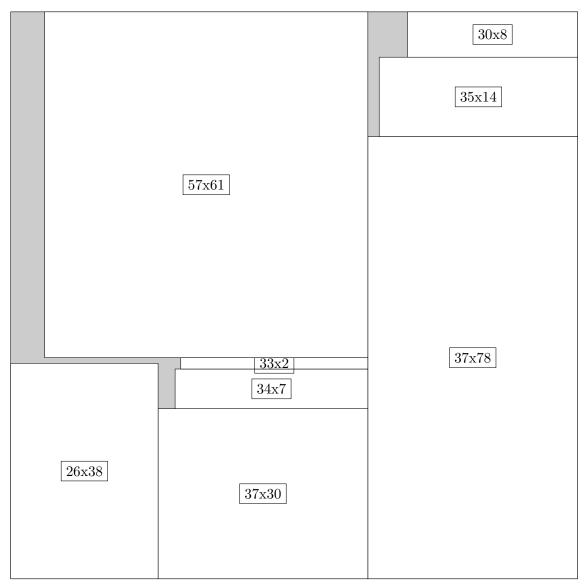
$$w = 21$$
, $h = 43$, $x = 79$, $y = 57$, $v = 903$

$$\le =77$$
 , h =40 , x =2 , y =57 , v =3080

$$w$$
 =67 , h =3 , x =12 , y =97 , v =201



 $\begin{array}{l} w=54\;,\; h=63\;,\; x=46\;,\; y=0\;,\; v=3402\\ w=41\;,\; h=41\;,\; x=5\;,\; y=0\;,\; v=1681\\ w=4\;,\; h=38\;,\; x=1\;,\; y=0\;,\; v=152\\ w=38\;,\; h=21\;,\; x=8\;,\; y=41\;,\; v=798\\ w=7\;,\; h=16\;,\; x=1\;,\; y=41\;,\; v=112\\ w=1\;,\; h=10\;,\; x=0\;,\; y=41\;,\; v=10\\ w=25\;,\; h=30\;,\; x=75\;,\; y=63\;,\; v=750\\ w=71\;,\; h=29\;,\; x=4\;,\; y=63\;,\; v=2059\\ \end{array}$



$$w = 37$$
, $h = 78$, $x = 63$, $y = 0$, $v = 2886$

$$w = 35$$
, $h = 14$, $x = 65$, $y = 78$, $v = 490$

$$\le =30$$
 , h =8 , x =70 , y =92 , v =240

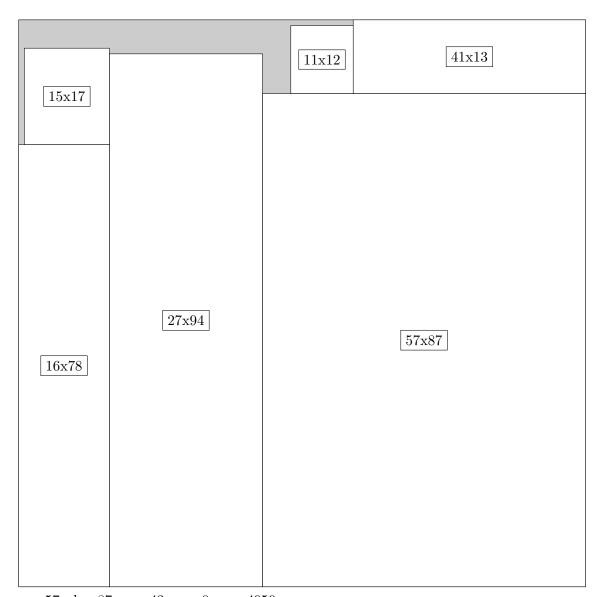
$$w = 37$$
, $h = 30$, $x = 26$, $y = 0$, $v = 1110$

$$\le =34$$
 , h =7 , x =29 , y =30 , v =238

$$\le =33$$
 , $h=2$, $x=30$, $y=37$, $v=66$

$$\le =26$$
 , $h=38$, $x=0$, $y=0$, $v=988$

$$w$$
 =57 , h =61 , x =6 , y =39 , v =3477

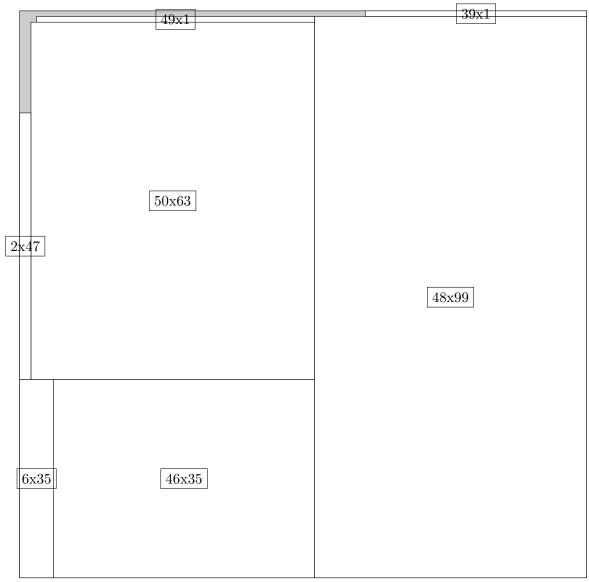


$$\begin{array}{l} w = \!\! 57 \ , \ h = \!\! 87 \ , \ x = \!\! 43 \ , \ y = \!\! 0 \ , \ v = \!\! 4959 \\ w = \!\! 41 \ , \ h = \!\! 13 \ , \ x = \!\! 59 \ , \ y = \!\! 87 \ , \ v = \!\! 533 \end{array}$$

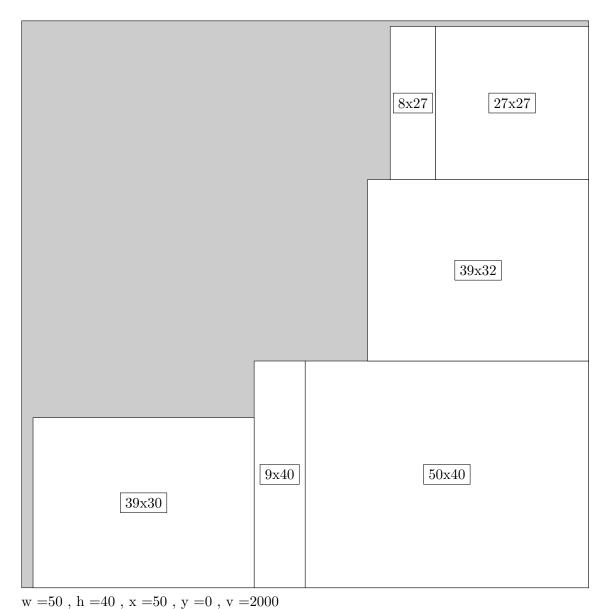
$$w = 27$$
, $h = 94$, $x = 16$, $y = 0$, $v = 2538$

$$\le =16$$
 , h =78 , x =0 , y =0 , v =1248

$$\mathbf{w}$$
 =15 , h =17 , x =1 , y =78 , v =255



 $\begin{array}{l} w = \! 48 \; , \; h = \! 99 \; , \; x = \! 52 \; , \; y = \! 0 \; , \; v = \! 4752 \\ w = \! 46 \; , \; h = \! 35 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 1610 \\ w = \! 6 \; , \; h = \! 35 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 210 \\ w = \! 50 \; , \; h = \! 63 \; , \; x = \! 2 \; , \; y = \! 35 \; , \; v = \! 3150 \\ w = \! 2 \; , \; h = \! 47 \; , \; x = \! 0 \; , \; y = \! 35 \; , \; v = \! 94 \\ w = \! 49 \; , \; h = \! 1 \; , \; x = \! 3 \; , \; y = \! 98 \; , \; v = \! 49 \\ w = \! 39 \; , \; h = \! 1 \; , \; x = \! 61 \; , \; y = \! 99 \; , \; v = \! 39 \end{array}$



w = 27, h = 27, x = 73, y = 72, v = 729

 $\le =8$, h =27 , x =65 , y =72 , v =216