$ClassName: \ Class_10.2bp\text{-}44$

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

TypeNum: <u>100</u> Num: <u>100</u> OutS: <u>180000</u> InS: <u>164869</u> Rate: <u>0.916</u> UB: <u>18</u> LB0: <u>17</u>

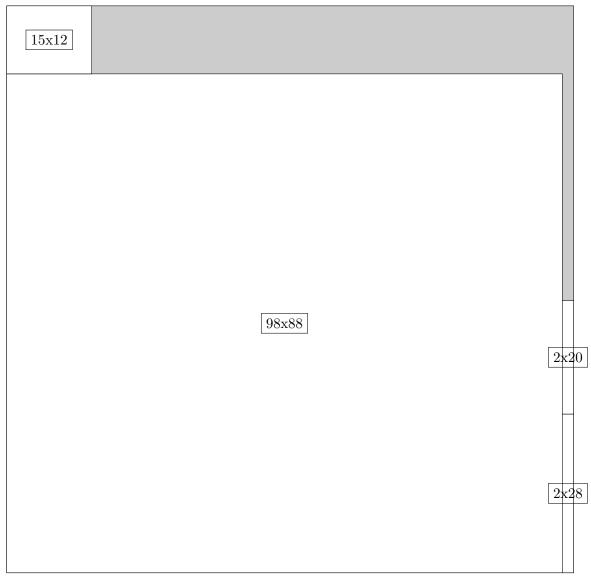
LB: **18**

LBWithCut: $\underline{\mathbf{18}}$ NodeCut: $\underline{\mathbf{0}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{92}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{74}}$ PricingSolverCnt: $\underline{\mathbf{74}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: false

TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{4169.092 \text{ s}}$

 $\begin{array}{ll} {\rm TimeOnRmp:} \ \underline{0.140 \ s} \\ {\rm TotalTime:} \ \underline{4169.320 \ s} \end{array}$



 $\begin{array}{l} w = 98 \ , \ h = 88 \ , \ x = 0 \ , \ y = 0 \ , \ v = 8624 \\ w = 15 \ , \ h = 12 \ , \ x = 0 \ , \ y = 88 \ , \ v = 180 \\ w = 2 \ , \ h = 28 \ , \ x = 98 \ , \ y = 0 \ , \ v = 56 \\ w = 2 \ , \ h = 20 \ , \ x = 98 \ , \ y = 28 \ , \ v = 40 \end{array}$

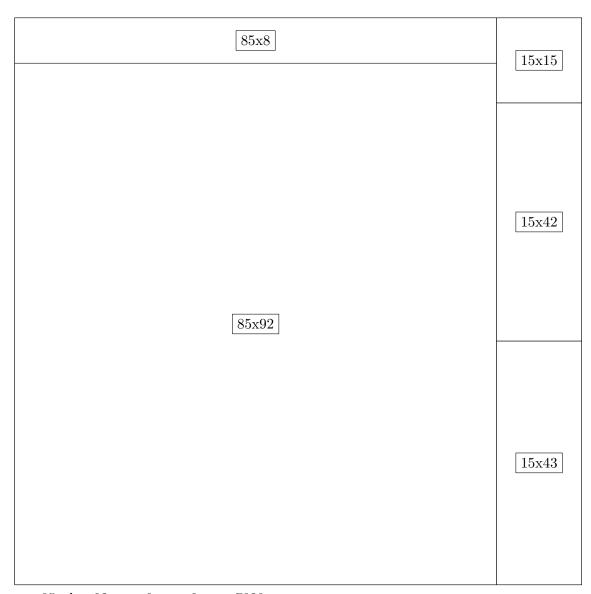
49x10	24x10	[14x10]	
90x9			
			10x29

$$w = 90$$
, $h = 90$, $x = 0$, $y = 0$, $v = 8100$

$$\le =49$$
 , h =10 , x =0 , y =90 , v =490

$$\le =24$$
 , $h=10$, $x=49$, $y=90$, $v=240$

$$w=\!14$$
 , $h=\!10$, $x=\!73$, $y=\!90$, $v=\!140$



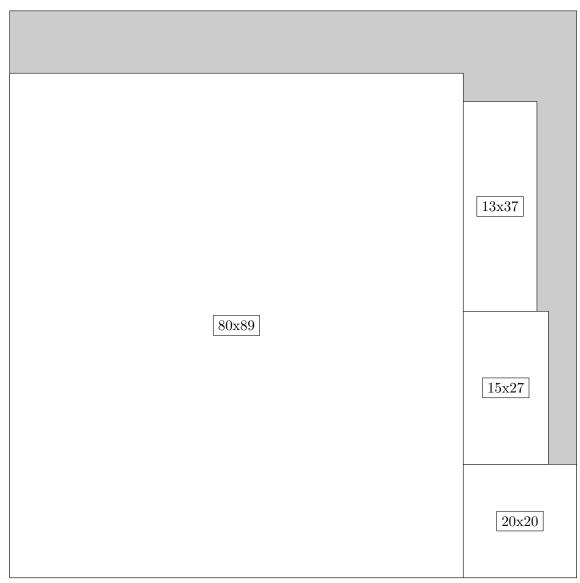
$$\le =85$$
 , h =92 , x =0 , y =0 , v =7820

$$\le =85$$
 , h =8 , x =0 , y =92 , v =680

$$\le =15$$
 , $h=43$, $x=85$, $y=0$, $v=645$

$$\le =15$$
 , h =42 , x =85 , y =43 , v =630

$$\le =15$$
 , h =15 , x =85 , y =85 , v =225

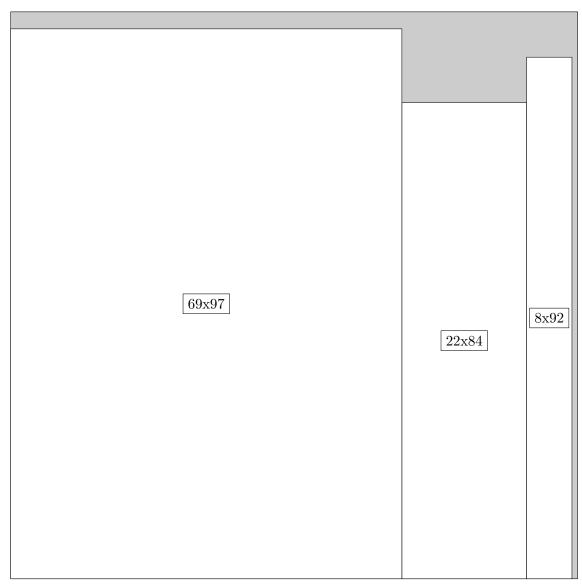


$$\le =80$$
 , $h=89$, $x=0$, $y=0$, $v=7120$

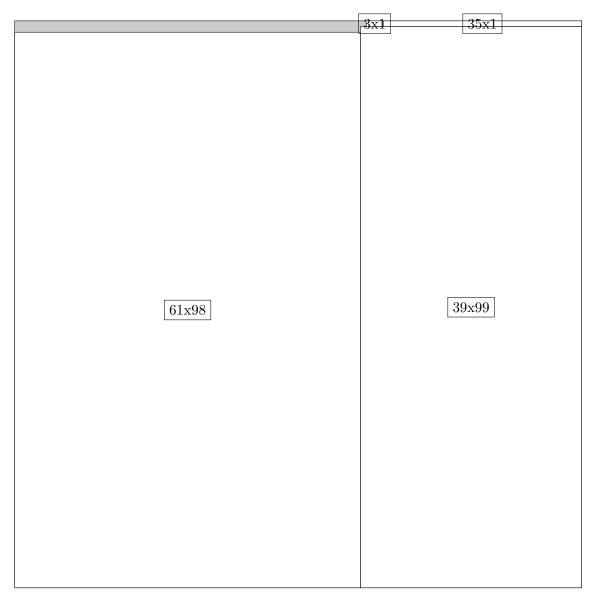
$$\le =13$$
 , h =37 , x =80 , y =47 , v =481

$$\le =15$$
 , h =27 , x =80 , y =20 , v =405

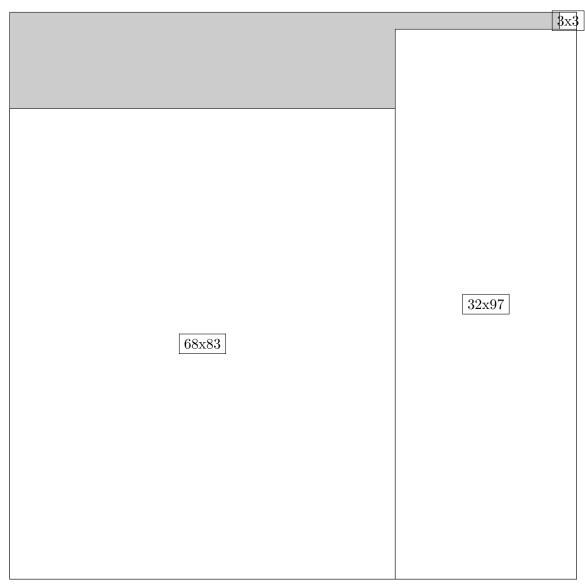
$$\mathbf{w}$$
 =20 , h =20 , x =80 , y =0 , v =400



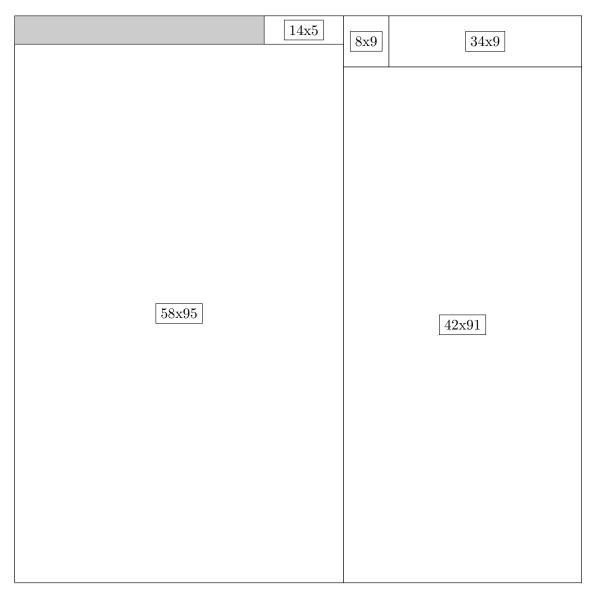
 $\begin{array}{l} w = & 22 \ , \ h = & 84 \ , \ x = & 69 \ , \ y = & 0 \ , \ v = & 1848 \\ w = & 69 \ , \ h = & 97 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 6693 \\ w = & 8 \ , \ h = & 92 \ , \ x = & 91 \ , \ y = & 0 \ , \ v = & 736 \end{array}$



 $\begin{array}{l} w = \!\!61 \;,\; h = \!\!98 \;,\; x = \!\!0 \;,\; y = \!\!0 \;,\; v = \!\!5978 \\ w = \!\!39 \;,\; h = \!\!99 \;,\; x = \!\!61 \;,\; y = \!\!0 \;,\; v = \!\!3861 \\ w = \!\!35 \;,\; h = \!\!1 \;,\; x = \!\!65 \;,\; y = \!\!99 \;,\; v = \!\!35 \\ w = \!\!3 \;,\; h = \!\!1 \;,\; x = \!\!62 \;,\; y = \!\!99 \;,\; v = \!\!3 \end{array}$



 $\begin{array}{l} w = \!68 \; , \; h = \!83 \; , \; x = \!0 \; , \; y = \!0 \; , \; v = \!5644 \\ w = \!32 \; , \; h = \!97 \; , \; x = \!68 \; , \; y = \!0 \; , \; v = \!3104 \\ w = \!3 \; , \; h = \!3 \; , \; x = \!97 \; , \; y = \!97 \; , \; v = \!9 \end{array}$



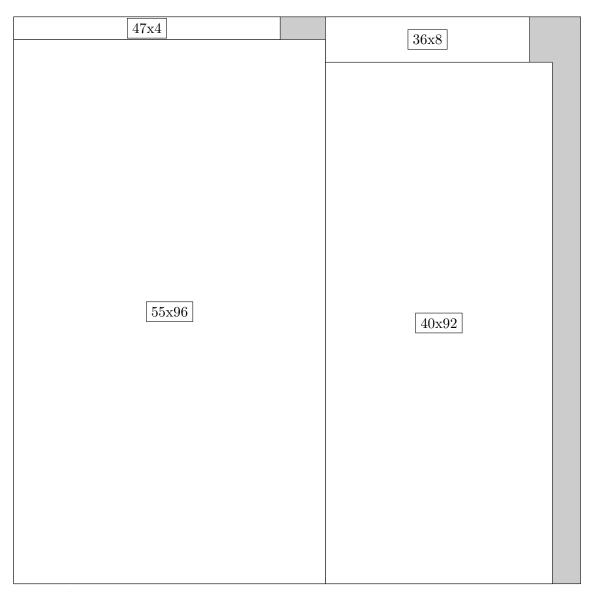
w =58 , h =95 , x =0 , y =0 , v =5510

 $\le =42$, h =91 , x =58 , y =0 , v =3822

 $\le =34$, h =9 , x =66 , y =91 , v =306

 $w=\!8$, $h=\!9$, $x=\!58$, $y=\!91$, $v=\!72$

 $\le =14$, h =5 , x =44 , y =95 , v =70

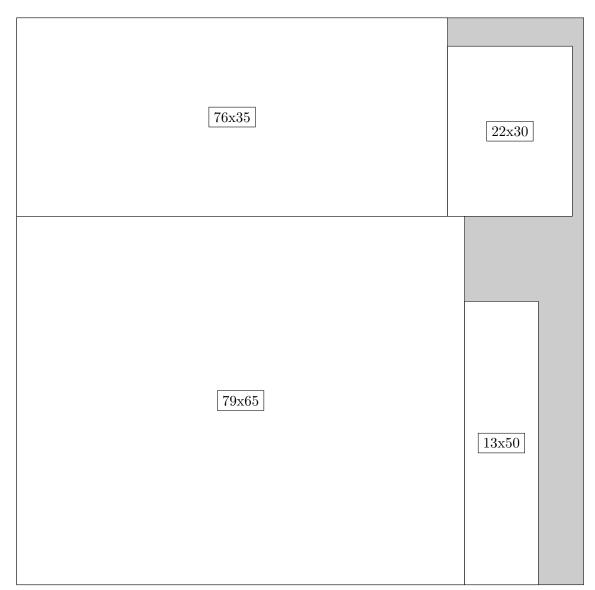


$$\le =55$$
 , h =96 , x =0 , y =0 , v =5280

$$\le =40$$
 , h =92 , x =55 , y =0 , v =3680

$$\le =36$$
 , h =8 , x =
55 , y =92 , v =288

$$\le =47$$
 , h =4 , x =0 , y =96 , v =188

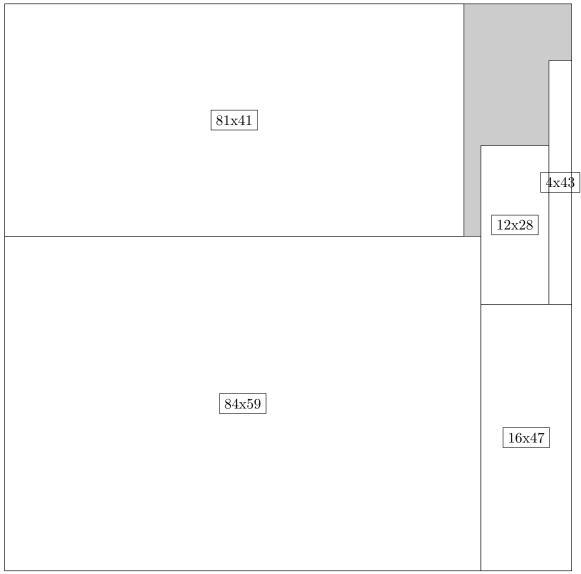


$$\le -79$$
 , $h=65$, $x=0$, $y=0$, $v=5135$

$$\le -76$$
 , h =
35 , x =0 , y =
65 , v =
2660

$$\le =13$$
 , h =50 , x =79 , y =0 , v =650

$$\le =22$$
 , h =30 , x =76 , y =65 , v =660



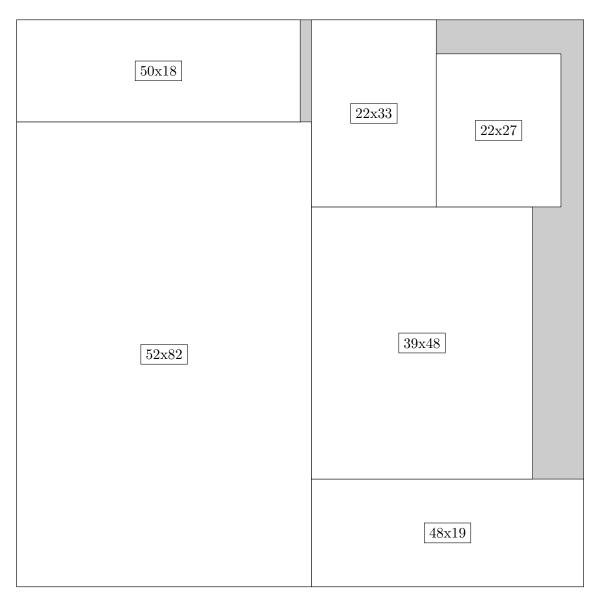
$$\le =84$$
 , h =59 , x =0 , y =0 , v =4956

$$\le =81$$
 , $h=41$, $x=0$, $y=59$, $v=3321$

$$\le =16$$
 , $h=47$, $x=84$, $y=0$, $v=752$

$$\le =12$$
 , h =28 , x =84 , y =47 , v =336

$$\mathbf{w}$$
 =4 , h =43 , x =96 , y =47 , v =172



$$\le 52$$
 , h =82 , x =0 , y =0 , v =4264

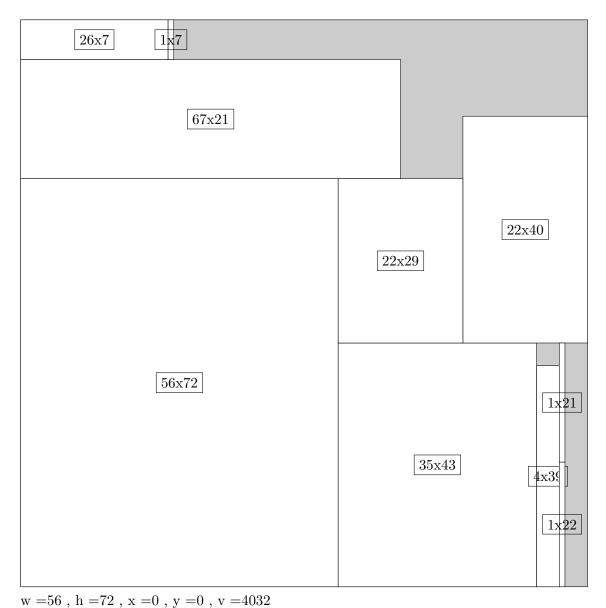
$$\mathbf{w}$$
 =48 , h =19 , x =52 , y =0 , v =912

$$\le =39$$
 , h =48 , x =52 , y =19 , v =1872

$$w$$
 =50 , h =18 , x =0 , y =82 , v =900

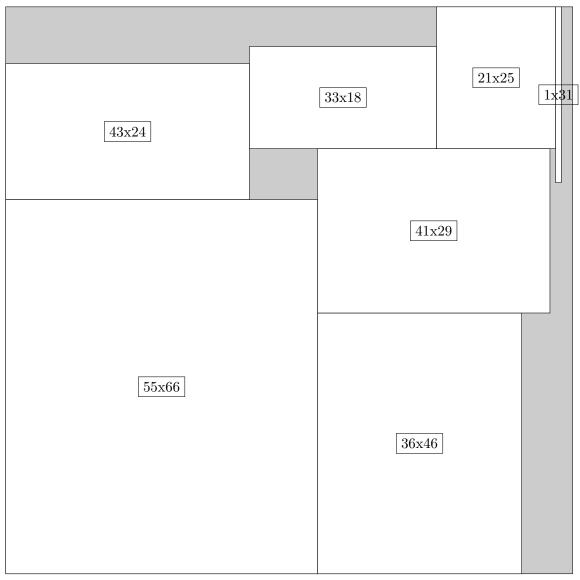
$$\le =22$$
 , h =33 , x =52 , y =67 , v =726

$$w=\!22$$
 , $h=\!27$, $x=\!74$, $y=\!67$, $v=\!594$



$$\begin{array}{l} w = & 35 \; , \; h = & 43 \; , \; x = & 56 \; , \; y = & 0 \; , \; v = & 1505 \\ w = & 67 \; , \; h = & 21 \; , \; x = & 0 \; , \; y = & 72 \; , \; v = & 1407 \\ w = & 22 \; , \; h = & 40 \; , \; x = & 78 \; , \; y = & 43 \; , \; v = & 880 \\ w = & 22 \; , \; h = & 29 \; , \; x = & 56 \; , \; y = & 43 \; , \; v = & 638 \\ w = & 26 \; , \; h = & 7 \; , \; x = & 0 \; , \; y = & 93 \; , \; v = & 182 \\ w = & 4 \; , \; h = & 39 \; , \; x = & 91 \; , \; y = & 0 \; , \; v = & 156 \\ w = & 1 \; , \; h = & 22 \; , \; x = & 95 \; , \; y = & 0 \; , \; v = & 22 \\ w = & 1 \; , \; h = & 21 \; , \; x = & 95 \; , \; y = & 22 \; , \; v = & 21 \end{array}$$

w=1 , h=7 , $x=\!26$, $y=\!93$, $v=\!7$



$$w = 43$$
, $h = 24$, $x = 0$, $y = 66$, $v = 1032$

$$\le =36$$
 , $h=46$, $x=55$, $y=0$, $v=1656$

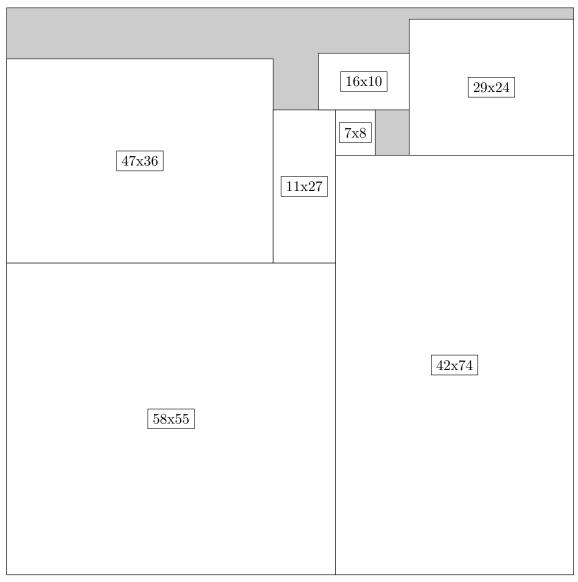
$$\le =41$$
 , h =29 , x =55 , y =46 , v =1189

$$\le =55$$
 , h =66 , x =0 , y =0 , v =3630

$$\le =33$$
 , h =18 , x =43 , y =75 , v =594

$$w$$
 =21 , h =25 , x =76 , y =75 , v =525

$$w=1$$
 , $h=\!31$, $x=\!97$, $y=\!69$, $v=\!31$



$$w = 58$$
, $h = 55$, $x = 0$, $y = 0$, $v = 3190$

$$\le =42$$
 , $h=74$, $x=58$, $y=0$, $v=3108$

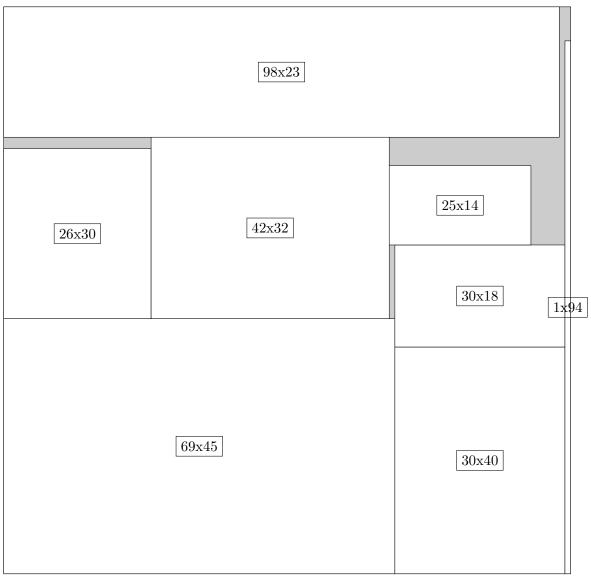
$$w = 47$$
, $h = 36$, $x = 0$, $y = 55$, $v = 1692$

$$w$$
 =7 , h =8 , x =58 , y =74 , v =56

$$\le =29$$
 , h =24 , x =71 , y =74 , v =696

$$w=\!11$$
 , $h=\!27$, $x=\!47$, $y=\!55$, $v=\!297$

$$\le =16$$
 , h =10 , x =55 , y =82 , v =160



$$\mathbf{w}$$
 =69 , h =45 , x =0 , y =0 , v =3105

$$w = 98$$
, $h = 23$, $x = 0$, $y = 77$, $v = 2254$

$$w=\!30$$
 , $h=\!40$, $x=\!69$, $y=\!0$, $v=\!1200$

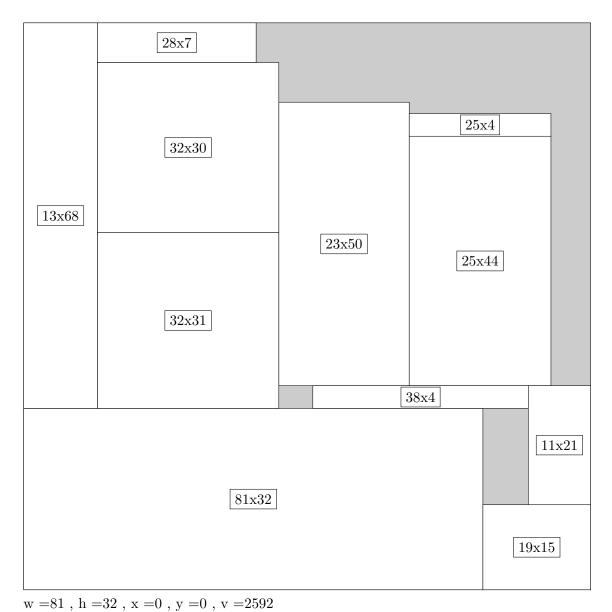
$$\le =26$$
 , h =30 , x =0 , y =45 , v =780

$$\le =30$$
 , $h=18$, $x=69$, $y=40$, $v=540$

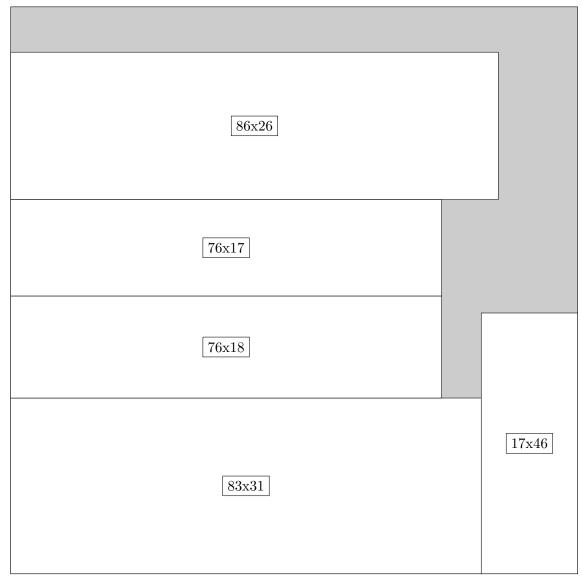
$$\le =25$$
 , $h=14$, $x=68$, $y=58$, $v=350$

$$w=\!1$$
 , $h=\!94$, $x=\!99$, $y=\!0$, $v=\!94$

$$\le =42$$
 , h =32 , x =26 , y =45 , v =1344



$$\begin{array}{l} w=23 \ , \ h=50 \ , \ x=45 \ , \ y=36 \ , \ v=1150 \\ w=25 \ , \ h=44 \ , \ x=68 \ , \ y=36 \ , \ v=1100 \\ w=32 \ , \ h=31 \ , \ x=13 \ , \ y=32 \ , \ v=992 \\ w=32 \ , \ h=30 \ , \ x=13 \ , \ y=63 \ , \ v=960 \\ w=13 \ , \ h=68 \ , \ x=0 \ , \ y=32 \ , \ v=884 \\ w=19 \ , \ h=15 \ , \ x=81 \ , \ y=0 \ , \ v=285 \\ w=11 \ , \ h=21 \ , \ x=89 \ , \ y=15 \ , \ v=231 \\ w=28 \ , \ h=7 \ , \ x=13 \ , \ y=93 \ , \ v=196 \\ w=38 \ , \ h=4 \ , \ x=51 \ , \ y=32 \ , \ v=152 \\ w=25 \ , \ h=4 \ , \ x=68 \ , \ y=80 \ , \ v=100 \\ \end{array}$$



$$w = 83$$
, $h = 31$, $x = 0$, $y = 0$, $v = 2573$

$$\le =86$$
 , h =26 , x =0 , y =66 , v =2236

$$\le -76$$
 , h =
18 , x =
0 , y =
31 , v =
1368

$$\mathbf{w}$$
 =76 , h =17 , x =0 , y =49 , v =1292

$$\le =17$$
 , h =46 , x =83 , y =0 , v =782