$ClassName: \ Class_10.2bp\text{-}42$

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

TypeNum: <u>98</u>
Num: <u>100</u>
OutS: <u>160000</u>
InS: <u>149363</u>
Rate: <u>0.934</u>
UB: <u>16</u>
LB0: <u>15</u>
LB: 16

LBWithCut: $\underline{\bf 16}$ NodeCut: $\underline{\bf 0}$

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

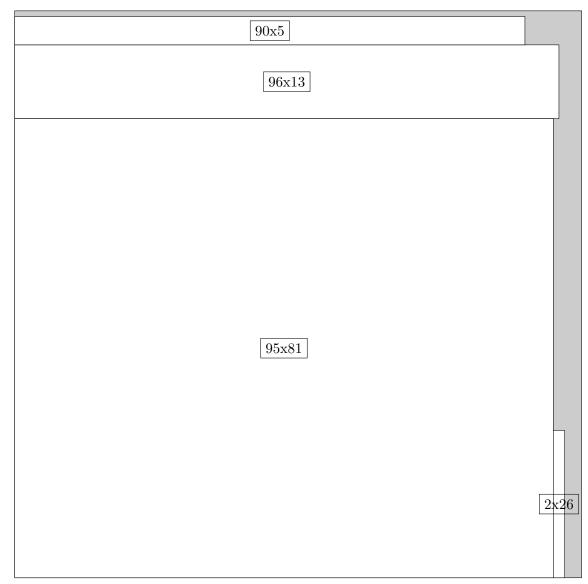
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{100}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{85}}$ PricingSolverCnt: $\underline{\mathbf{85}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: false

TimeOnInitSolution: $\underline{120.010 \text{ s}}$

TimeOnPrimal: <u>0.000 s</u>
TimeOnPricing: <u>4032.820 s</u>

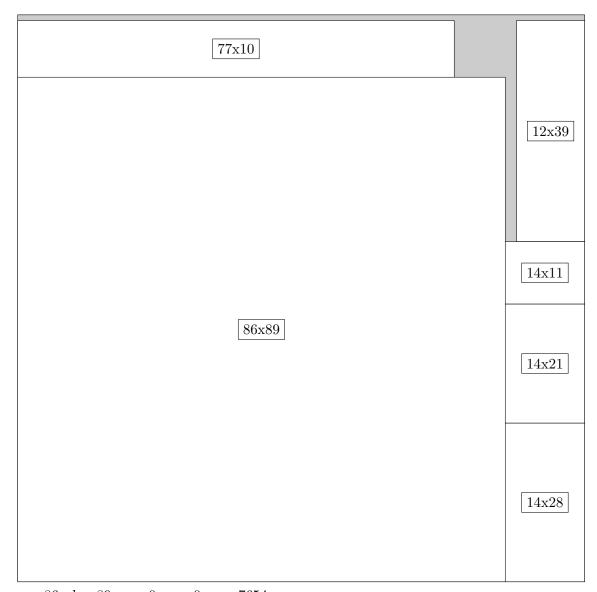
TimeOnRmp: $\underline{0.130 \text{ s}}$ TotalTime: $\underline{4153.031 \text{ s}}$



$$\begin{array}{l} w = \! 96 \ , \ h = \! 13 \ , \ x = \! 0 \ , \ y = \! 81 \ , \ v = \! 1248 \\ w = \! 95 \ , \ h = \! 81 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7695 \end{array}$$

$$\le =90$$
 , h =5 , x =0 , y =94 , v =450

$$\mathbf{w}$$
 =2 , h =26 , x =95 , y =0 , v =52



$$\le =86$$
 , h =89 , x =0 , y =0 , v =7654

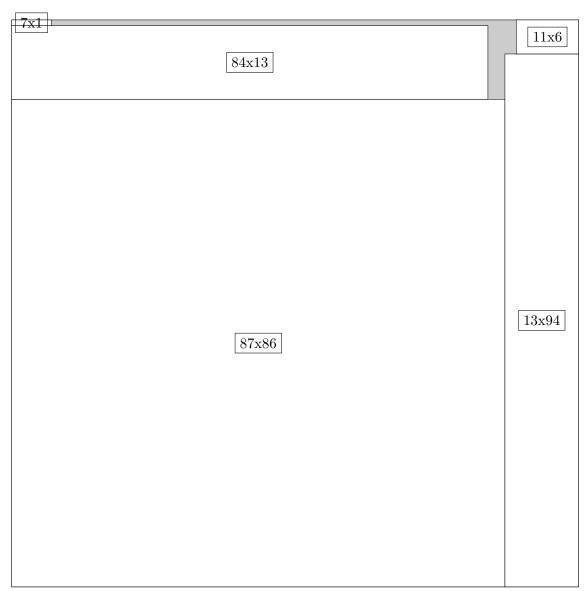
$$w$$
 =77 , h =10 , x =0 , y =89 , v =770

$$\le =12$$
 , h =39 , x =88 , y =60 , v =468

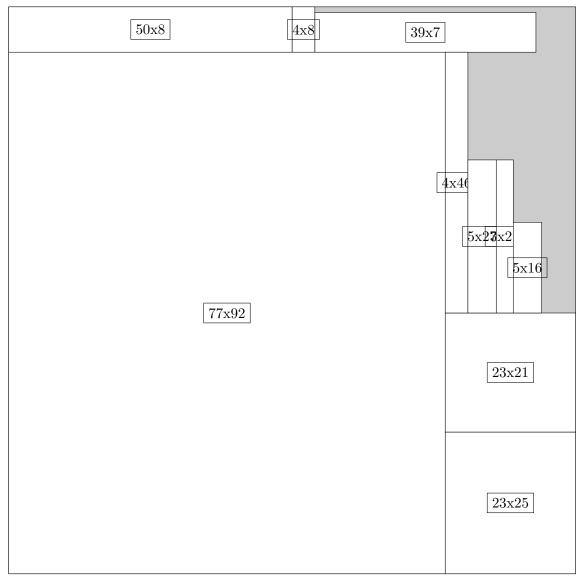
$$\le =14$$
 , h =28 , x =86 , y =0 , v =392

$$w=\!14$$
 , $h=\!21$, $x=\!86$, $y=\!28$, $v=\!294$

$$w=\!14$$
 , $h=\!11$, $x=\!86$, $y=\!49$, $v=\!154$



$$\begin{array}{l} w = \! 87 \; , \; h = \! 86 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 7482 \\ w = \! 13 \; , \; h = \! 94 \; , \; x = \! 87 \; , \; y = \! 0 \; , \; v = \! 1222 \\ w = \! 84 \; , \; h = \! 13 \; , \; x = \! 0 \; , \; y = \! 86 \; , \; v = \! 1092 \\ w = \! 11 \; , \; h = \! 6 \; , \; x = \! 89 \; , \; y = \! 94 \; , \; v = \! 66 \\ w = \! 7 \; , \; h = \! 1 \; , \; x = \! 0 \; , \; y = \! 99 \; , \; v = \! 7 \end{array}$$



$$w = 77$$
, $h = 92$, $x = 0$, $y = 0$, $v = 7084$

$$w = 23$$
, $h = 25$, $x = 77$, $y = 0$, $v = 575$

$$w$$
 =23 , h =21 , x =77 , y =25 , v =483

$$w = 50$$
, $h = 8$, $x = 0$, $y = 92$, $v = 400$

$$\le =39$$
 , $h=7$, $x=54$, $y=92$, $v=273$

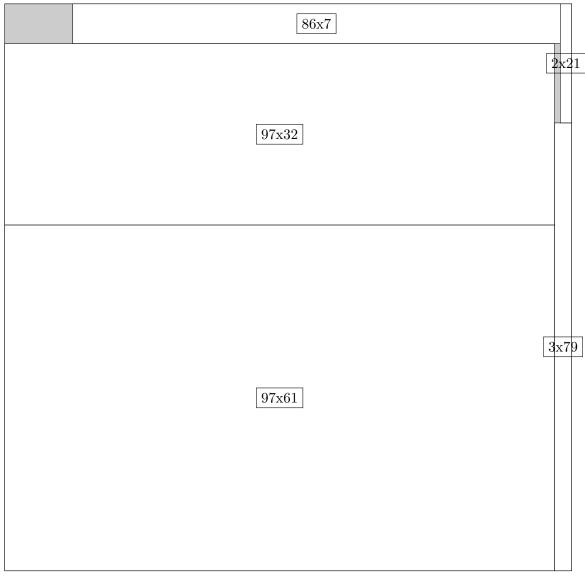
$$w=\!4$$
 , $h=\!46$, $x=\!77$, $y=\!46$, $v=\!184$

$$w = 5$$
, $h = 27$, $x = 81$, $y = 46$, $v = 135$

$$\le =3$$
 , h =27 , x =86 , y =46 , v =81

$$w=\!5$$
 , $h=\!16$, $x=\!89$, $y=\!46$, $v=\!80$

$$\mathbf{w}$$
 =4 , h =8 , x =50 , y =92 , v =32



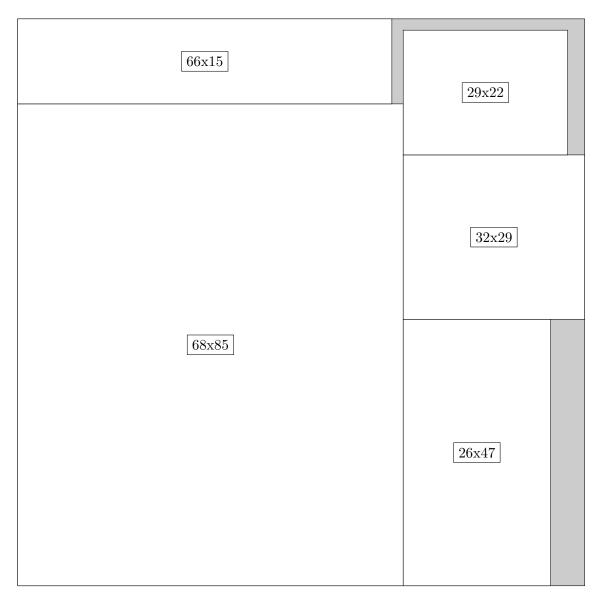
$$\mathbf{w}$$
 =97 , \mathbf{h} =61 , \mathbf{x} =0 , \mathbf{y} =0 , \mathbf{v} =5917

$$\le =97$$
 , h =32 , x =0 , y =61 , v =3104

$$\le =86$$
 , h =7 , x =12 , y =93 , v =602

$$\mathbf{w}$$
 =3 , h =79 , x =97 , y =0 , v =237

$$\mathbf{w}$$
 =2 , h =21 , x =98 , y =79 , v =42



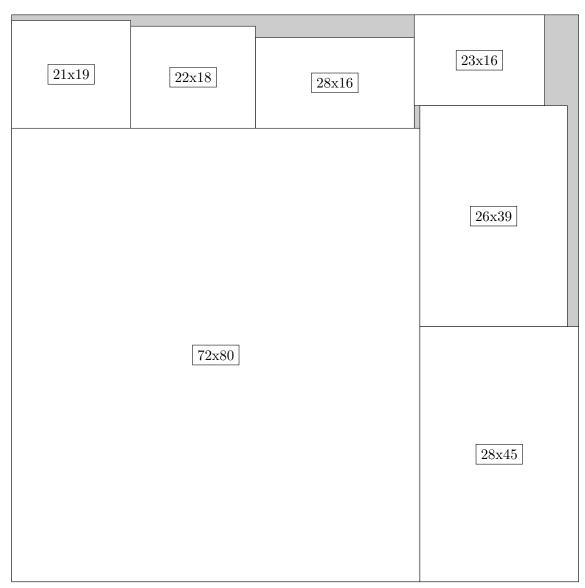
$$\mathbf{w}$$
 =68 , h =85 , x =0 , y =0 , v =5780

$$\le =26$$
 , $h=\!47$, $x=\!68$, $y=\!0$, $v=\!1222$

$$\le =66$$
 , h =15 , x =0 , y =85 , v =990

$$\le =32$$
 , h =29 , x =68 , y =47 , v =928

$$w = 29$$
, $h = 22$, $x = 68$, $y = 76$, $v = 638$



$$w = 72$$
, $h = 80$, $x = 0$, $y = 0$, $v = 5760$

$$w = 26$$
, $h = 39$, $x = 72$, $y = 45$, $v = 1014$

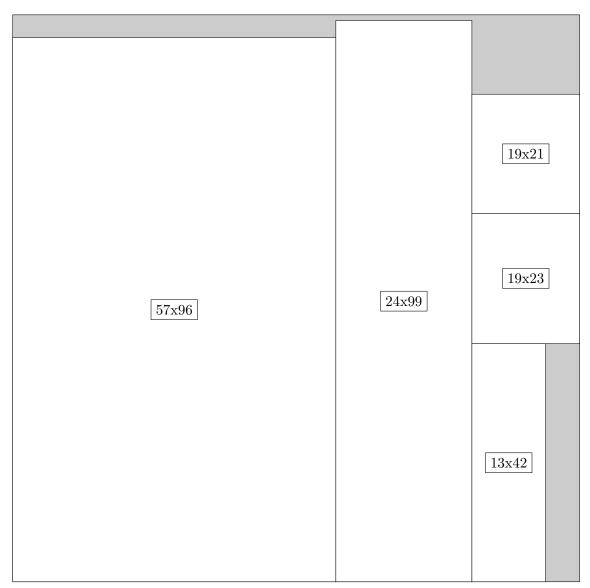
$$\le =28$$
 , h =16 , x =43 , y =80 , v =448

$$\le =21$$
 , $h=19$, $x=0$, $y=80$, $v=399$

$$\le =22$$
 , h =18 , x =21 , y =80 , v =396

$$w = 23$$
, $h = 16$, $x = 71$, $y = 84$, $v = 368$

$$w = 28$$
, $h = 45$, $x = 72$, $y = 0$, $v = 1260$



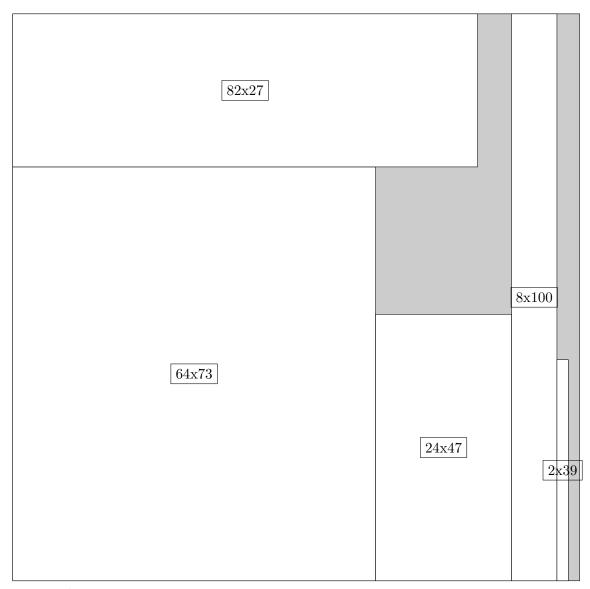
$$w=\!57$$
 , $h=\!96$, $x=\!0$, $y=\!0$, $v=\!5472$

$$\le =13$$
 , h =42 , x =81 , y =0 , v =546

$$w$$
 =19 , h =23 , x =81 , y =42 , v =437

$$w$$
 =19 , h =21 , x =81 , y =65 , v =399

 $[\]le =24$, h =99 , x =57 , y =0 , v =2376



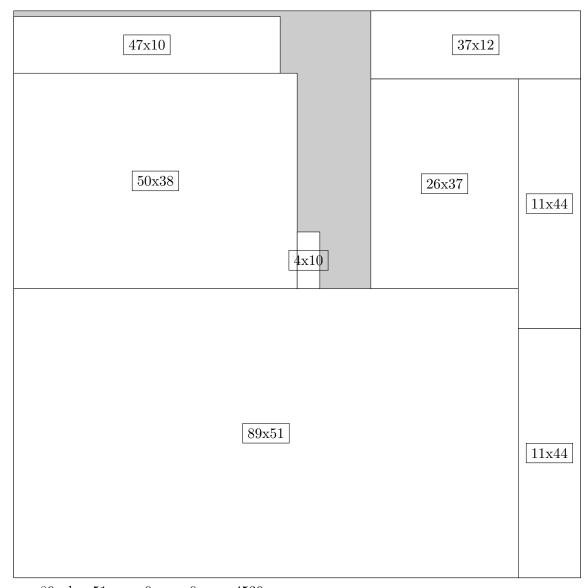
$$\mathbf{w}$$
 =64 , h =73 , x =0 , y =0 , v =4672

$$\le =82$$
 , h =27 , x =0 , y =73 , v =2214

$$\mathbf{w}$$
 =24 , h =47 , x =64 , y =0 , v =1128

$$w$$
 =8 , h =100 , x =88 , y =0 , v =800

$$w = 2$$
, $h = 39$, $x = 96$, $y = 0$, $v = 78$



$$\begin{array}{l} w = \! 89 \; , \; h = \! 51 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4539 \\ w = \! 50 \; , \; h = \! 38 \; , \; x = \! 0 \; , \; y = \! 51 \; , \; v = \! 1900 \\ \end{array}$$

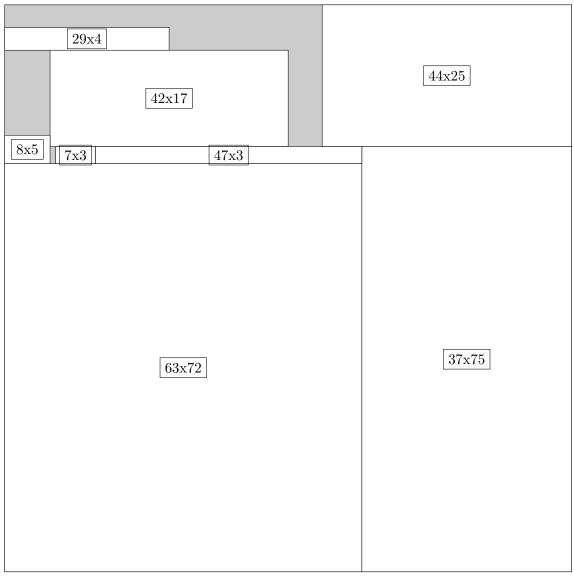
$$w = 26$$
, $h = 37$, $x = 63$, $y = 51$, $v = 962$

$$w = 11$$
, $h = 44$, $x = 89$, $y = 0$, $v = 484$

$$\le =47$$
 , $h=10$, $x=0$, $y=89$, $v=470$

$$w = 37$$
, $h = 12$, $x = 63$, $y = 88$, $v = 444$

$$w = 4$$
, $h = 10$, $x = 50$, $y = 51$, $v = 40$



$$\le =63$$
 , $h=72$, $x=0$, $y=0$, $v=4536$

$$w=\!37$$
 , $h=\!75$, $x=\!63$, $y=\!0$, $v=\!2775$

$$w=\!44$$
 , $h=\!25$, $x=\!56$, $y=\!75$, $v=\!1100$

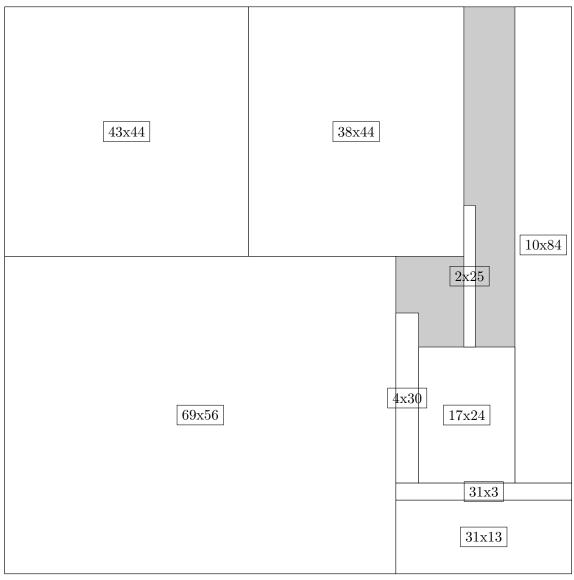
$$\mathbf{w}$$
 =42 , h =17 , x =8 , y =75 , v =714

$$w=\!47$$
 , $h=\!3$, $x=\!16$, $y=\!72$, $v=\!141$

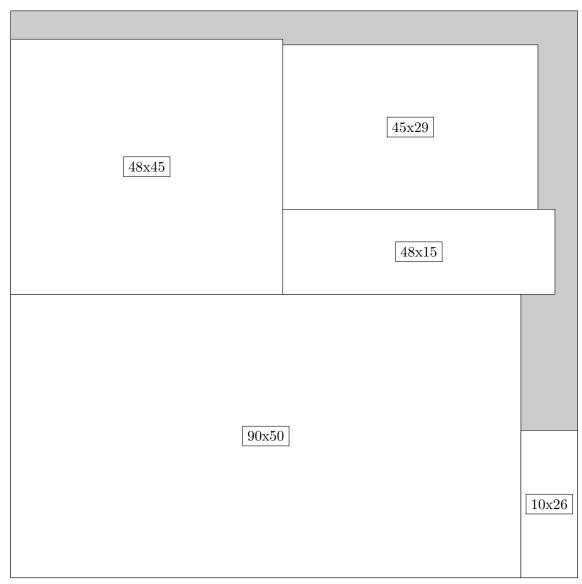
$$w$$
 =29 , h =4 , x =0 , y =92 , v =116

$$w = 8$$
, $h = 5$, $x = 0$, $y = 72$, $v = 40$

$$\mathbf{w}$$
 =7 , h =3 , x =9 , y =72 , v =21



$$\begin{array}{l} w=69\;,\; h=56\;,\; x=0\;,\; y=0\;,\; v=3864\\ w=43\;,\; h=44\;,\; x=0\;,\; y=56\;,\; v=1892\\ w=38\;,\; h=44\;,\; x=43\;,\; y=56\;,\; v=1672\\ w=10\;,\; h=84\;,\; x=90\;,\; y=16\;,\; v=840\\ w=17\;,\; h=24\;,\; x=73\;,\; y=16\;,\; v=408\\ w=31\;,\; h=13\;,\; x=69\;,\; y=0\;,\; v=403\\ w=4\;,\; h=30\;,\; x=69\;,\; y=16\;,\; v=120\\ w=31\;,\; h=3\;,\; x=69\;,\; y=13\;,\; v=93\\ w=2\;,\; h=25\;,\; x=81\;,\; y=40\;,\; v=50\\ \end{array}$$



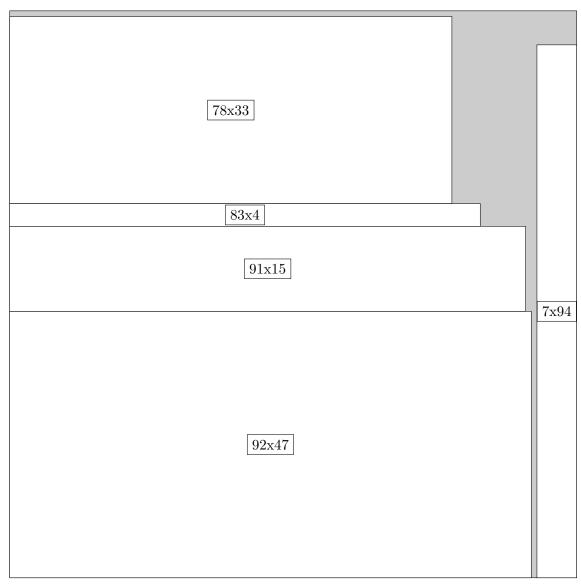
$$w=\!90$$
 , $h=\!50$, $x=\!0$, $y=\!0$, $v=\!4500$

$$\le =48$$
 , h =45 , x =0 , y =50 , v =2160

$$\le =45$$
 , h =29 , x =48 , y =65 , v =1305

$$\le =48$$
 , h =15 , x =48 , y =50 , v =720

$$\le =10$$
 , h =26 , x =90 , y =0 , v =260



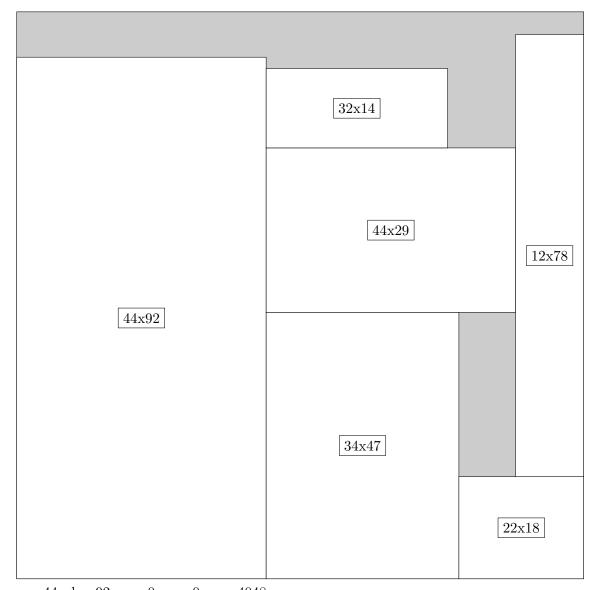
$$w = 92$$
, $h = 47$, $x = 0$, $y = 0$, $v = 4324$

$$\le -78$$
 , h =33 , x =0 , y =66 , v =2574

$$\le =91$$
 , $h=15$, $x=0$, $y=47$, $v=1365$

$$w$$
 =7 , h =94 , x =93 , y =0 , v =658

$$\le =83$$
 , h =4 , x =0 , y =62 , v =332



$$\le =44$$
 , h =92 , x =0 , y =0 , v =4048

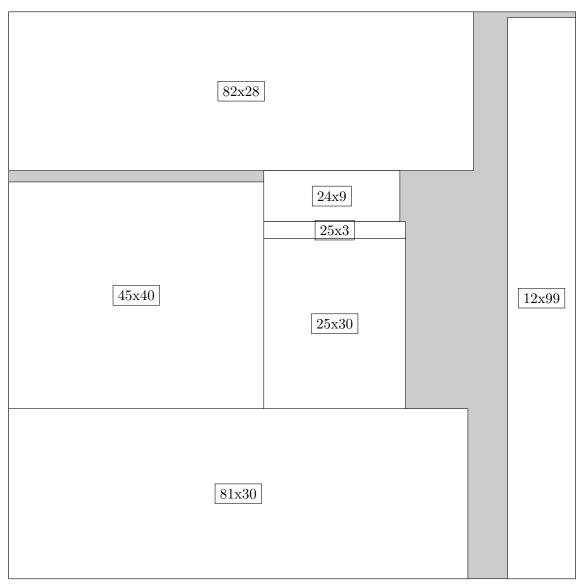
$$w=\!34$$
 , $h=\!47$, $x=\!44$, $y=\!0$, $v=\!1598$

$$\le =44$$
 , h =29 , x =44 , y =47 , v =1276

$$w$$
 =12 , h =78 , x =88 , y =18 , v =936

$$\le =32$$
 , h =14 , x =44 , y =76 , v =448

$$\le =22$$
 , $h=18$, $x=78$, $y=0$, $v=396$



$$\le =12$$
 , $= =99$, $= =88$, $= = = = = 1188$

$$\le =81$$
 , $h=30$, $x=0$, $y=0$, $v=2430$

$$\le =82$$
 , h =28 , x =0 , y =72 , v =2296

$$\le =45$$
 , h =40 , x =0 , y =30 , v =1800

$$\le =25$$
 , h =30 , x =45 , y =30 , v =750

$$\le =24$$
 , $h=9$, $x=45$, $y=63$, $v=216$

$$\le =25$$
 , h =3 , x =45 , y =60 , v =75