$ClassName: \ Class_10.2bp-42$

BinSize: 100×100 ReduceSize: 100×100

TypeNum: 98 Num: **100** OutS: 160000InS: 149363Rate: $\underline{0.934}$ UB: <u>16</u>

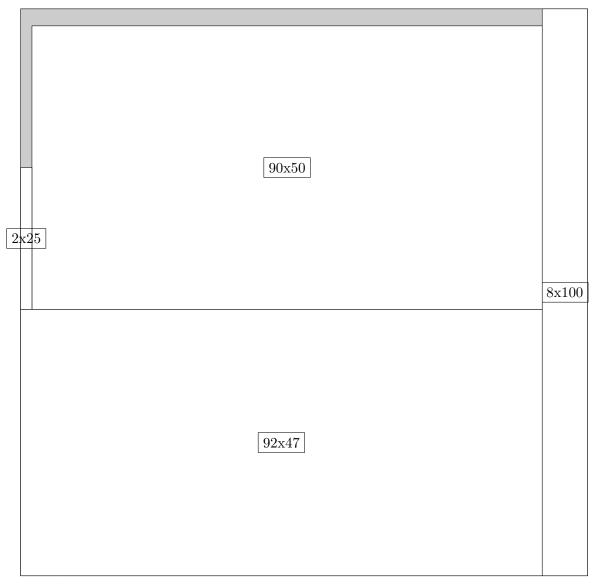
LB: **16**

LBWithCut: 16 NodeCount: $\mathbf{0}$ PrimalNode: $\mathbf{0}$ ${\bf ColumnCount:~\underline{80}}$ $TotalCutCount: \ {\bf 0}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: 65 PricingSolverCnt: 65 Branch And
Bound Num: $\underline{\mathbf{1}}$

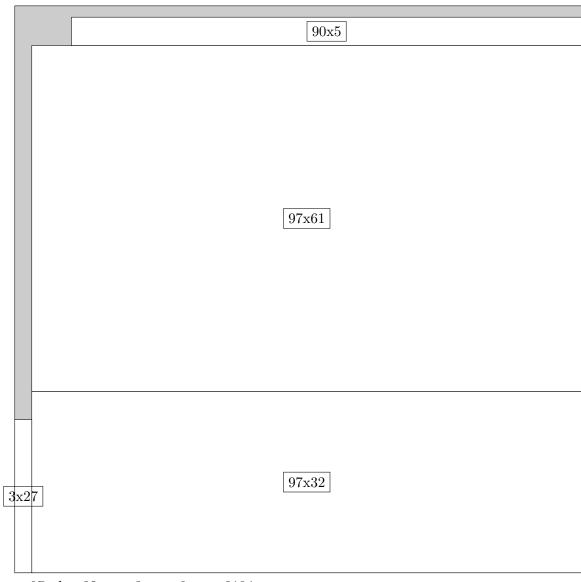
isOpt: false

TimeOnPrimal: 0.000 sTimeOnPricing: 2999.611 s

TimeOnRmp: $\underline{0.189 \text{ s}}$ TotalTime: 2999.988 s



$$\begin{array}{l} w=8 \ , \ h=100 \ , \ x=92 \ , \ y=0 \ , \ v=800 \\ w=92 \ , \ h=47 \ , \ x=0 \ , \ y=0 \ , \ v=4324 \\ w=90 \ , \ h=50 \ , \ x=2 \ , \ y=47 \ , \ v=4500 \\ w=2 \ , \ h=25 \ , \ x=0 \ , \ y=47 \ , \ v=50 \end{array}$$

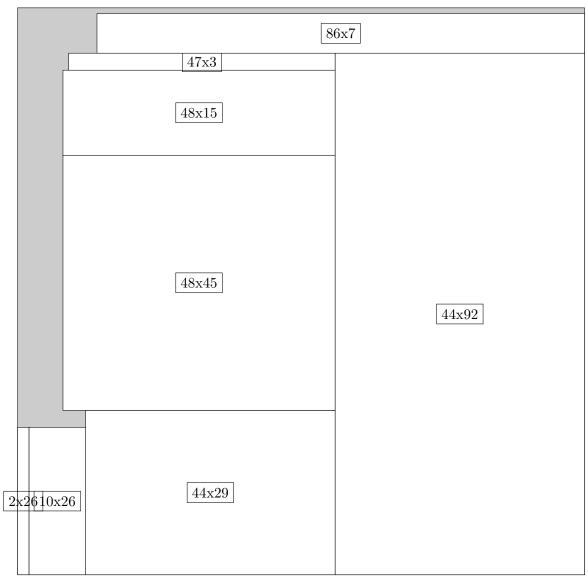


w = 97, h = 32, x = 3, y = 0, v = 3104

 \mathbf{w} =3 , h =27 , x =0 , y =0 , v =81

 $\le =97$, h =61 , x =3 , y =32 , v =5917

w =90 , h =5 , x =10 , y =93 , v =450



$$w = 44$$
, $h = 92$, $x = 56$, $y = 0$, $v = 4048$

$$w = 44$$
, $h = 29$, $x = 12$, $y = 0$, $v = 1276$

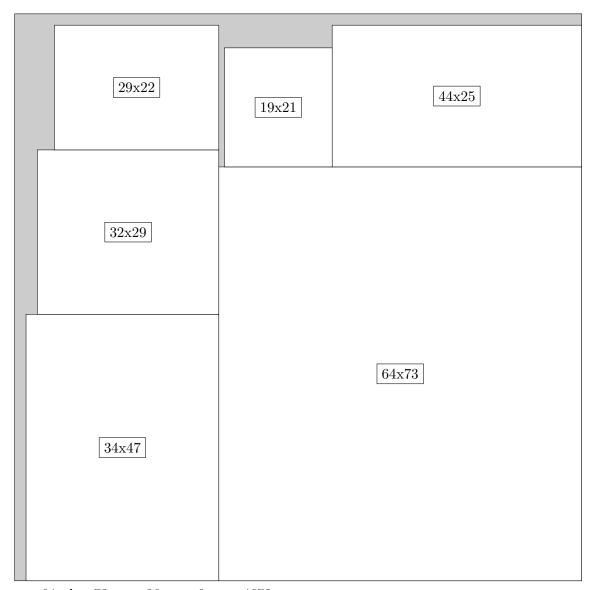
$$w = 10$$
, $h = 26$, $x = 2$, $y = 0$, $v = 260$

$$\begin{array}{l} w = 2 \ , \ h = \!\! 26 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 52 \\ w = \!\! 48 \ , \ h = \!\! 45 \ , \ x = \!\! 8 \ , \ y = \!\! 29 \ , \ v = \!\! 2160 \end{array}$$

$$w = 48$$
, $h = 15$, $x = 8$, $y = 74$, $v = 720$

$$w = 47$$
, $h = 3$, $x = 9$, $y = 89$, $v = 141$

$$\le =86$$
 , h =7 , x =14 , y =92 , v =602



$$w = 64$$
, $h = 73$, $x = 36$, $y = 0$, $v = 4672$

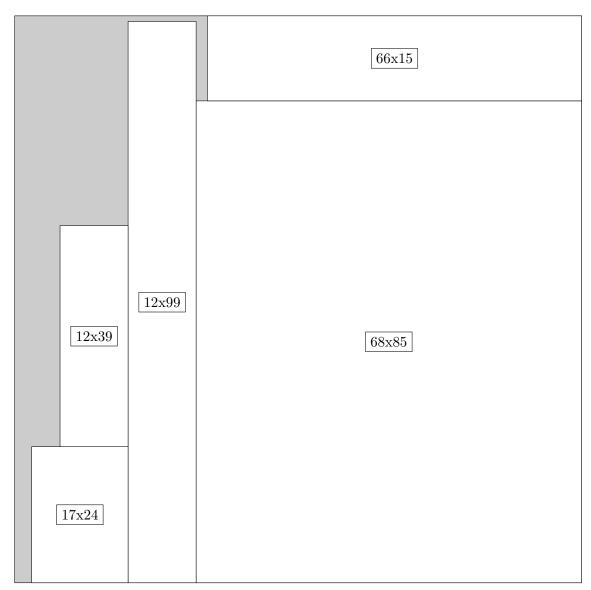
$$w=\!44$$
 , $h=\!25$, $x=\!56$, $y=\!73$, $v=\!1100$

$$\le =19$$
 , h =21 , x =37 , y =73 , v =399

$$\le 34$$
 , h =47 , x =2 , y =0 , v =1598

$$\le =32$$
 , h =29 , x =4 , y =47 , v =928

$$\le =29$$
 , h =22 , x =7 , y =76 , v =638



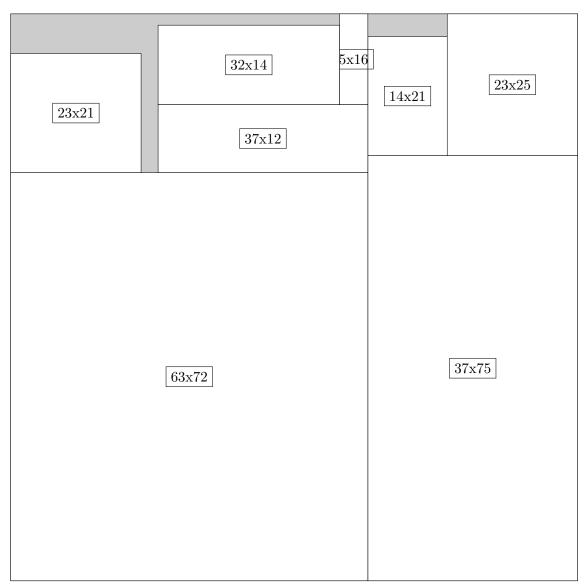
$$w = 68$$
, $h = 85$, $x = 32$, $y = 0$, $v = 5780$

$$\le =66$$
 , $h=15$, $x=34$, $y=85$, $v=990$

$$\le =12$$
 , h =99 , x =20 , y =0 , v =1188

$$\le =17$$
 , h =24 , x =3 , y =0 , v =408

$$w = 12$$
, $h = 39$, $x = 8$, $y = 24$, $v = 468$



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

$$w$$
 =23 , h =25 , x =77 , y =75 , v =575

$$w = 14$$
, $h = 21$, $x = 63$, $y = 75$, $v = 294$

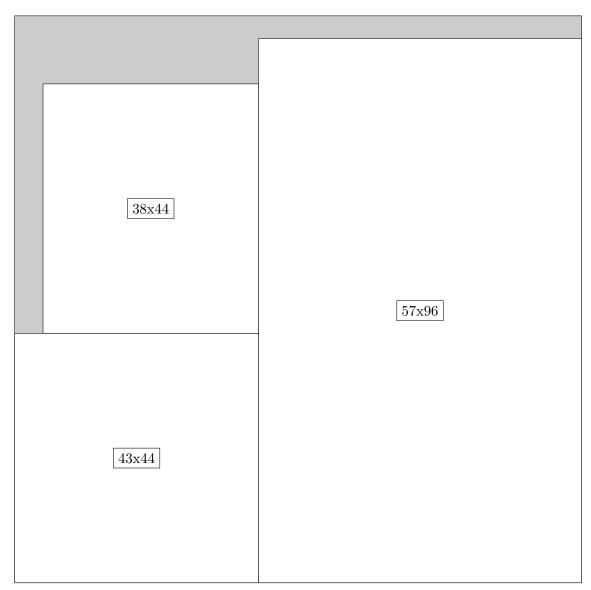
$$w = 63$$
, $h = 72$, $x = 0$, $y = 0$, $v = 4536$

$$w=\!37$$
 , $h=\!12$, $x=\!26$, $y=\!72$, $v=\!444$

$$w$$
 =5 , h =16 , x =58 , y =84 , v =80

$$w = 32$$
, $h = 14$, $x = 26$, $y = 84$, $v = 448$

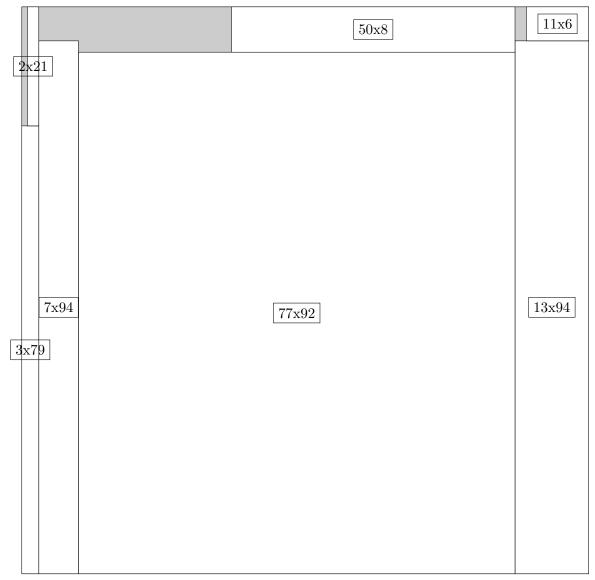
$$\le =23$$
 , h =21 , x =0 , y =72 , v =483



$$w$$
 =57 , h =96 , x =43 , y =0 , v =5472

$$\mathbf{w}$$
 =43 , h =44 , x =0 , y =0 , v =1892

$$\le =38$$
 , h =44 , x =5 , y =44 , v =1672



$$\le =13$$
 , $= 94$, $= 87$, $y = 0$, $v = 1222$

$$w=\!11$$
 , $h=\!6$, $x=\!89$, $y=\!94$, $v=\!66$

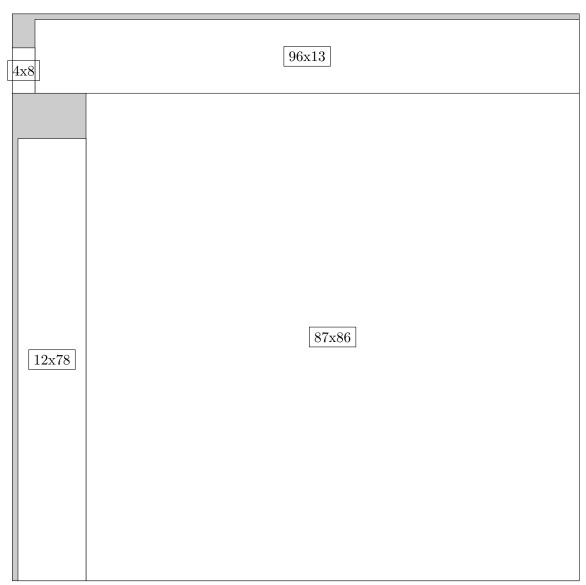
$$w$$
 =77 , h =92 , x =10 , y =0 , v =7084

$$w = 50$$
, $h = 8$, $x = 37$, $y = 92$, $v = 400$

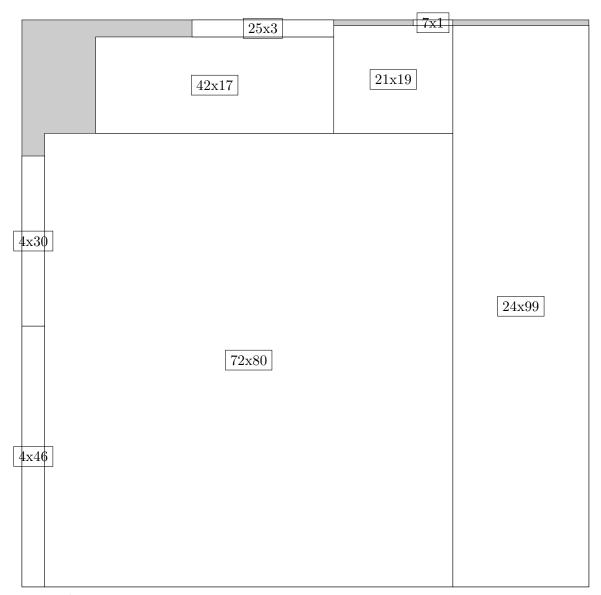
$$\mathbf{w}$$
 =7 , h =94 , x =3 , y =0 , v =658

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

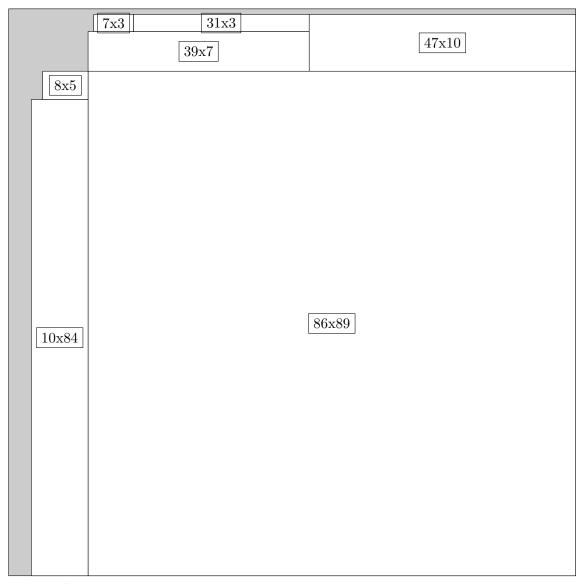
$$\mathbf{w}$$
 =2 , h =21 , x =1 , y =79 , v =42



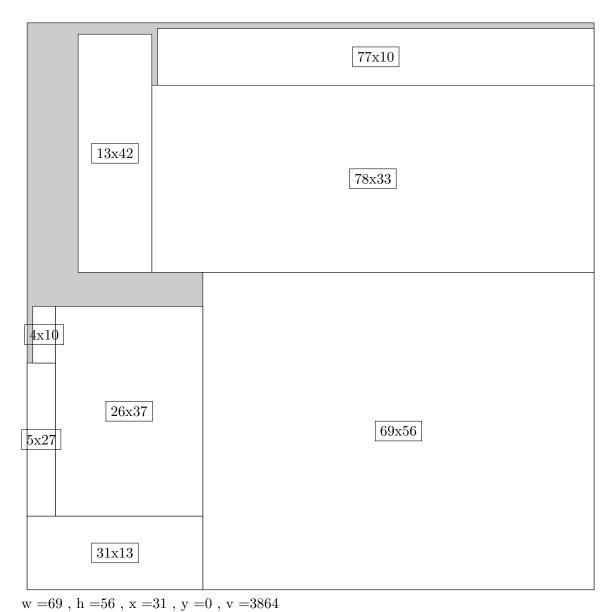
$$\begin{array}{l} w = \!\!87 \ , \ h = \!\!86 \ , \ x = \!\!13 \ , \ y = \!\!0 \ , \ v = \!\!7482 \\ w = \!\!12 \ , \ h = \!\!78 \ , \ x = \!\!1 \ , \ y = \!\!0 \ , \ v = \!\!936 \\ w = \!\!96 \ , \ h = \!\!13 \ , \ x = \!\!4 \ , \ y = \!\!86 \ , \ v = \!\!1248 \\ w = \!\!4 \ , \ h = \!\!8 \ , \ x = \!\!0 \ , \ y = \!\!86 \ , \ v = \!\!32 \end{array}$$



$$\begin{array}{l} w=24 \;,\; h=99 \;,\; x=76 \;,\; y=0 \;,\; v=2376 \\ w=72 \;,\; h=80 \;,\; x=4 \;,\; y=0 \;,\; v=5760 \\ w=21 \;,\; h=19 \;,\; x=55 \;,\; y=80 \;,\; v=399 \\ w=7 \;,\; h=1 \;,\; x=69 \;,\; y=99 \;,\; v=7 \\ w=42 \;,\; h=17 \;,\; x=13 \;,\; y=80 \;,\; v=714 \\ w=25 \;,\; h=3 \;,\; x=30 \;,\; y=97 \;,\; v=75 \\ w=4 \;,\; h=46 \;,\; x=0 \;,\; y=0 \;,\; v=184 \\ w=4 \;,\; h=30 \;,\; x=0 \;,\; y=46 \;,\; v=120 \end{array}$$



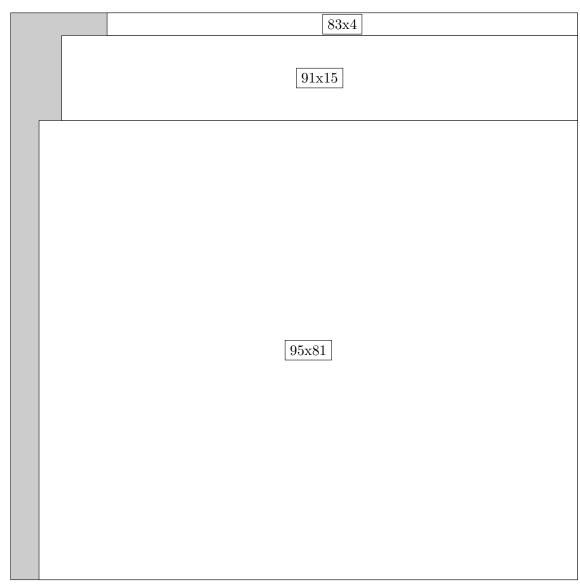
$$\begin{array}{l} w = & 86 \;, \; h = & 89 \;, \; x = & 14 \;, \; y = & 0 \;, \; v = & 7654 \\ w = & 10 \;, \; h = & 84 \;, \; x = & 4 \;, \; y = & 0 \;, \; v = & 840 \\ w = & 8 \;, \; h = & 5 \;, \; x = & 6 \;, \; y = & 84 \;, \; v = & 40 \\ w = & 47 \;, \; h = & 10 \;, \; x = & 53 \;, \; y = & 89 \;, \; v = & 470 \\ w = & 39 \;, \; h = & 7 \;, \; x = & 14 \;, \; y = & 89 \;, \; v = & 273 \\ w = & 31 \;, \; h = & 3 \;, \; x = & 22 \;, \; y = & 96 \;, \; v = & 93 \\ w = & 7 \;, \; h = & 3 \;, \; x = & 15 \;, \; y = & 96 \;, \; v = & 21 \end{array}$$



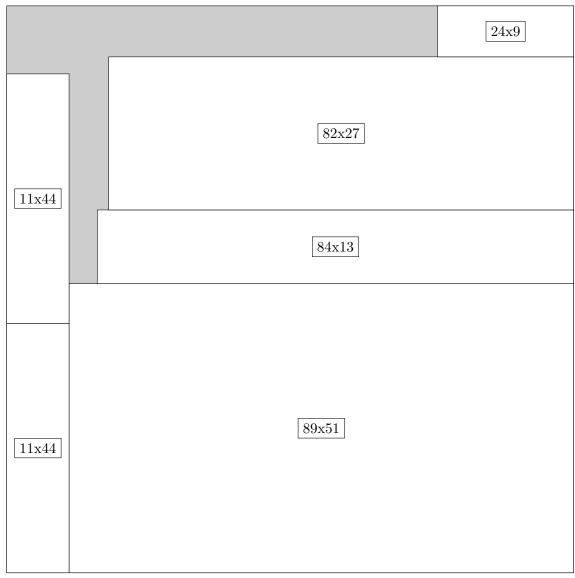
$$\begin{array}{l} w = \! 31 \; , \; h = \! 13 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 403 \\ w = \! 26 \; , \; h = \! 37 \; , \; x = \! 5 \; , \; y = \! 13 \; , \; v = \! 962 \\ w = \! 5 \; , \; h = \! 27 \; , \; x = \! 0 \; , \; y = \! 13 \; , \; v = \! 135 \\ w = \! 4 \; , \; h = \! 10 \; , \; x = \! 1 \; , \; y = \! 40 \; , \; v = \! 40 \\ w = \! 78 \; , \; h = \! 33 \; , \; x = \! 22 \; , \; y = \! 56 \; , \; v = \! 2574 \end{array}$$

$$w$$
 =77 , h =10 , x =23 , y =89 , v =770

$$\le =13$$
 , h =42 , x =9 , y =56 , v =546



$$\begin{array}{l} w = \! 95 \ , \ h = \! 81 \ , \ x = \! 5 \ , \ y = \! 0 \ , \ v = \! 7695 \\ w = \! 91 \ , \ h = \! 15 \ , \ x = \! 9 \ , \ y = \! 81 \ , \ v = \! 1365 \\ w = \! 83 \ , \ h = \! 4 \ , \ x = \! 17 \ , \ y = \! 96 \ , \ v = \! 332 \end{array}$$



$$w = 89$$
, $h = 51$, $x = 11$, $y = 0$, $v = 4539$

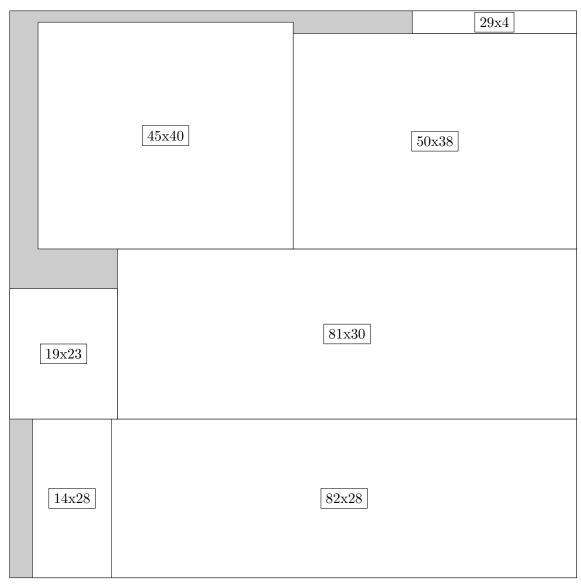
$$w$$
 =84 , h =13 , x =16 , y =51 , v =1092

$$\le =82$$
 , h =27 , x =18 , y =64 , v =2214

$$\le =24$$
 , h =9 , x =76 , y =91 , v =216

$$\mathbf{w}$$
 =11 , h =44 , x =0 , y =0 , v =484

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



$$w = 82$$
, $h = 28$, $x = 18$, $y = 0$, $v = 2296$

$$\mathbf{w}=\!14$$
 , $\mathbf{h}=\!28$, $\mathbf{x}=\!4$, $\mathbf{y}=\!0$, $\mathbf{v}=\!392$

$$w$$
 =81 , h =30 , x =19 , y =28 , v =2430

$$\le =19$$
 , h =23 , x =0 , y =28 , v =437

$$\le =50$$
 , h =38 , x =50 , y =58 , v =1900

$$\le =29$$
 , h =4 , x =71 , y =96 , v =116

$$\le =45$$
 , $h=40$, $x=5$, $y=58$, $v=1800$

