$ClassName: \ Class_07.2bp-48$

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

TypeNum: <u>98</u> Num: <u>100</u> OutS: <u>250000</u> InS: <u>225907</u> Rate: <u>0.904</u> UB: <u>25</u> LB0: <u>25</u> LB: <u>25</u>

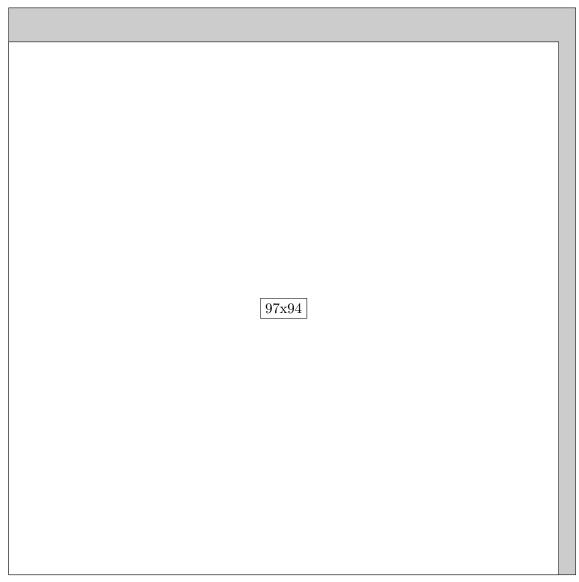
LBWithCut: $\underline{25}$ NodeCut: $\underline{0}$

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

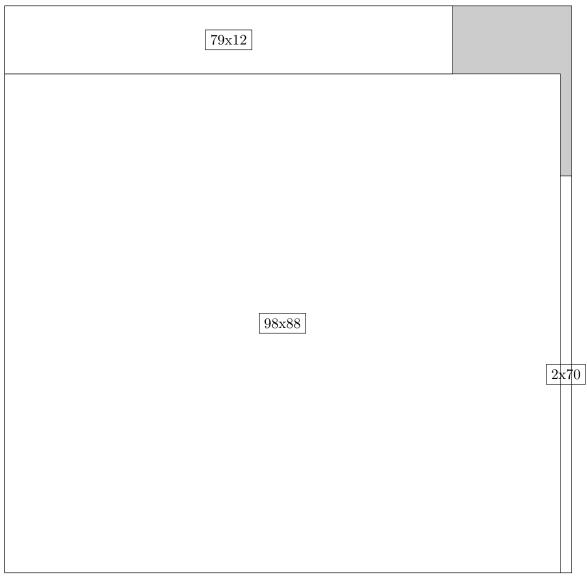
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{25}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

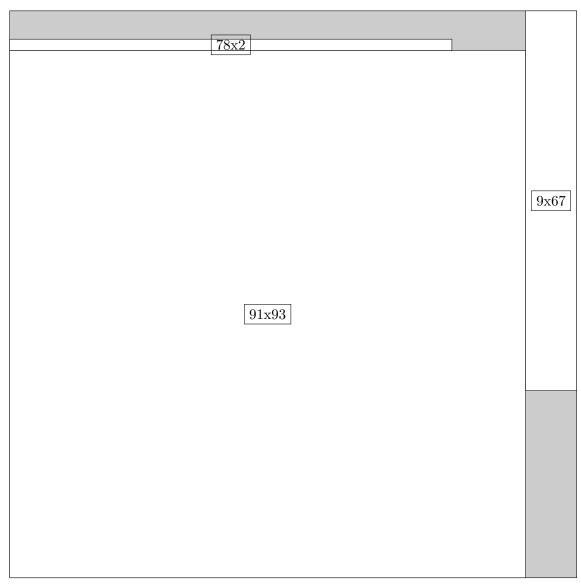
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.780 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.062 \ s} \\ {\rm TotalTime:} \ \underline{0.921 \ s} \end{array}$



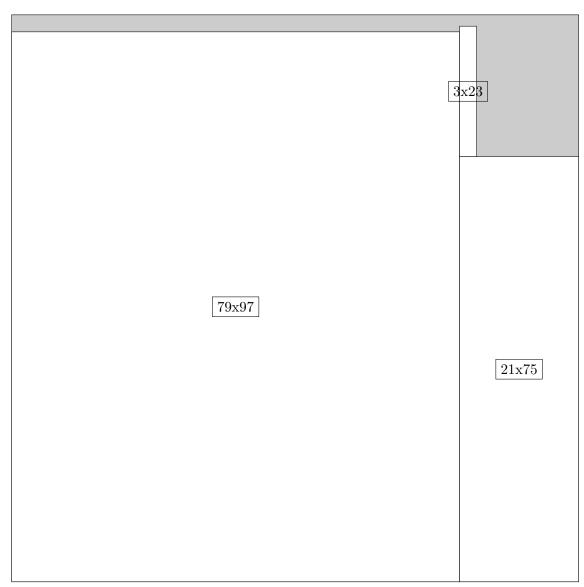
w = 97, h = 94, x = 0, y = 0, v = 9118



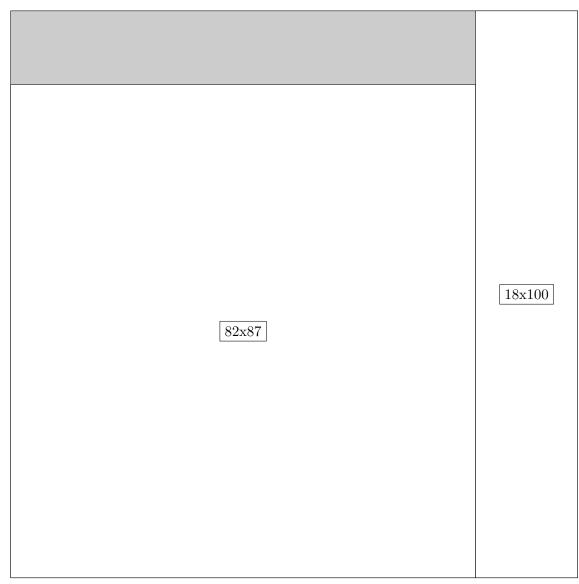
$$\begin{array}{l} w = 98 \ , \ h = 88 \ , \ x = 0 \ , \ y = 0 \ , \ v = 8624 \\ w = 79 \ , \ h = 12 \ , \ x = 0 \ , \ y = 88 \ , \ v = 948 \\ w = 2 \ , \ h = 70 \ , \ x = 98 \ , \ y = 0 \ , \ v = 140 \end{array}$$

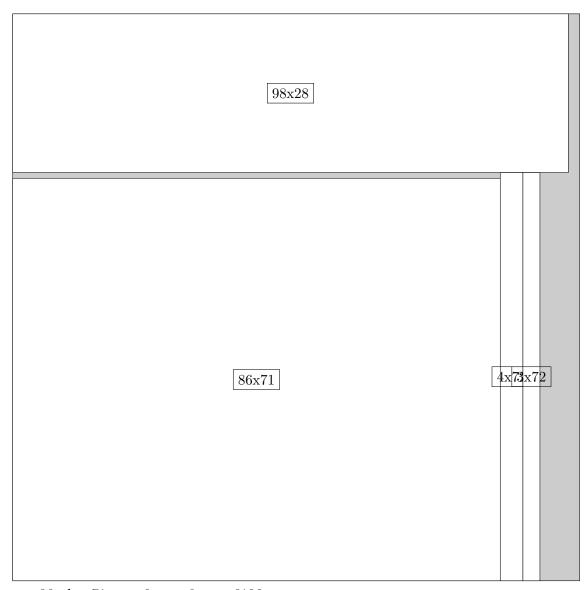


 $\begin{array}{l} w = \! 91 \; , \; h = \! 93 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8463 \\ w = \! 9 \; , \; h = \! 67 \; , \; x = \! 91 \; , \; y = \! 33 \; , \; v = \! 603 \\ w = \! 78 \; , \; h = \! 2 \; , \; x = \! 0 \; , \; y = \! 93 \; , \; v = \! 156 \end{array}$



 $\begin{array}{l} w = 79 \ , \ h = 97 \ , \ x = 0 \ , \ y = 0 \ , \ v = 7663 \\ w = 21 \ , \ h = 75 \ , \ x = 79 \ , \ y = 0 \ , \ v = 1575 \\ w = 3 \ , \ h = 23 \ , \ x = 79 \ , \ y = 75 \ , \ v = 69 \end{array}$

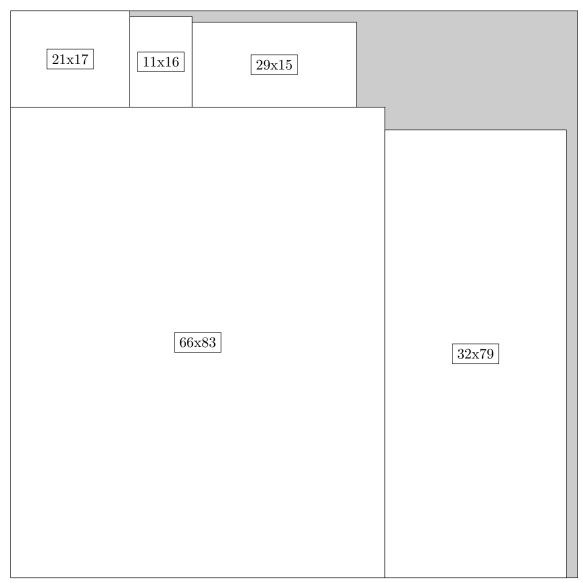




$$\begin{array}{l} w = \!\!86 \ , \ h = \!\!71 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!6106 \\ w = \!\!98 \ , \ h = \!\!28 \ , \ x = \!\!0 \ , \ y = \!\!72 \ , \ v = \!\!2744 \end{array}$$

$$\le=4$$
 , h =72 , x =86 , y =0 , v =288

$$\mathbf{w}$$
 =3 , h =72 , x =90 , y =0 , v =216



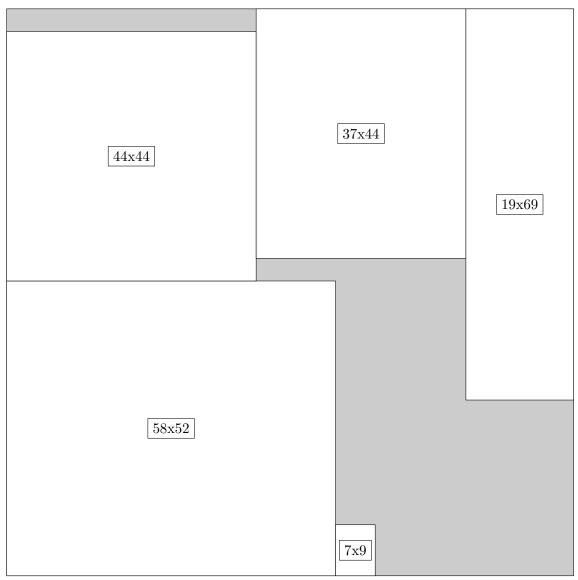
$$w = 66$$
, $h = 83$, $x = 0$, $y = 0$, $v = 5478$

$$\le =32$$
 , $h=79$, $x=66$, $y=0$, $v=2528$

$$\le =29$$
 , h =15 , x =32 , y =83 , v =435

$$\le =21$$
 , $h=17$, $x=0$, $y=83$, $v=357$

$$\mathbf{w}$$
 =11 , h =16 , x =21 , y =83 , v =176

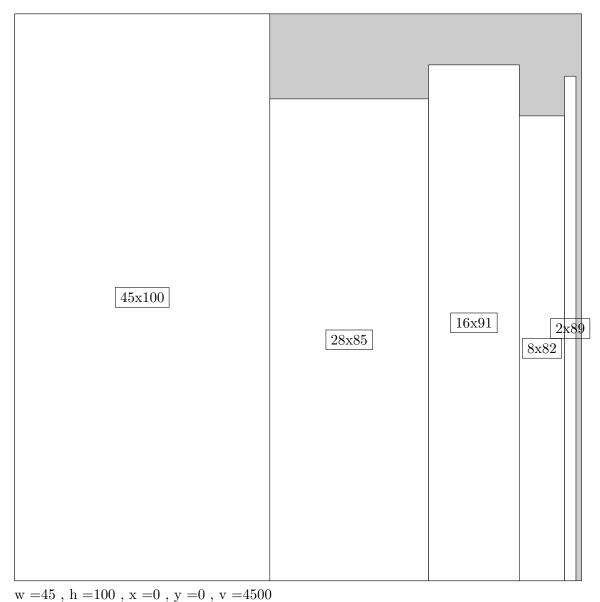


$$\mathbf{w}$$
 =58 , h =52 , x =0 , y =0 , v =3016

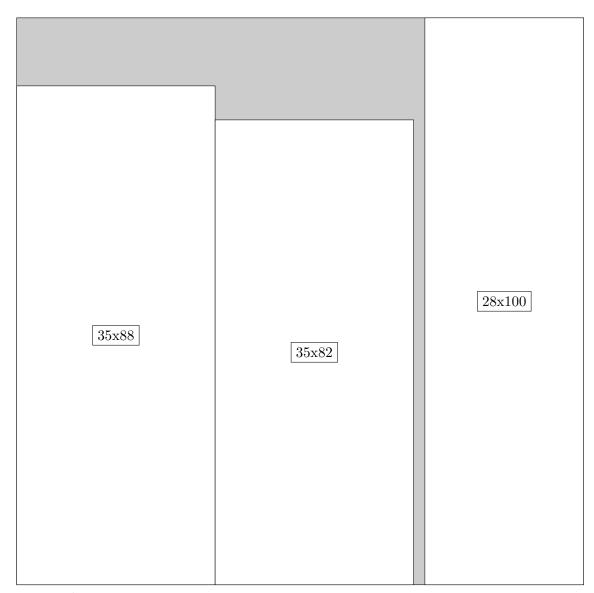
$$\le =44$$
 , $h=44$, $x=0$, $y=52$, $v=1936$

$$w$$
 =19 , h =69 , x =81 , y =31 , v =1311

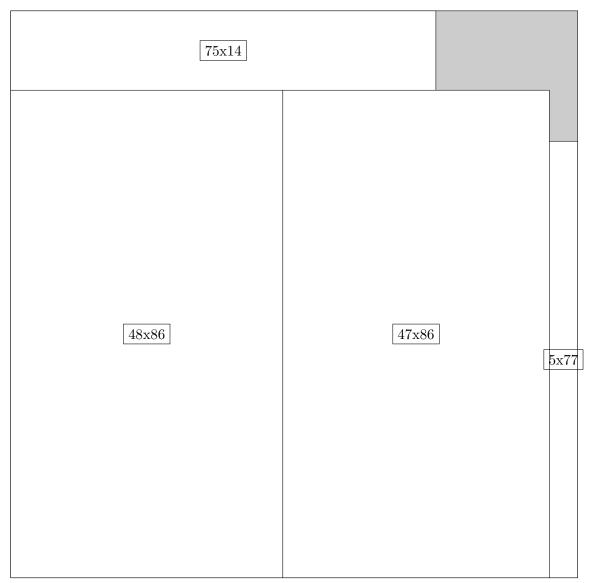
$$w = 7$$
, $h = 9$, $x = 58$, $y = 0$, $v = 63$



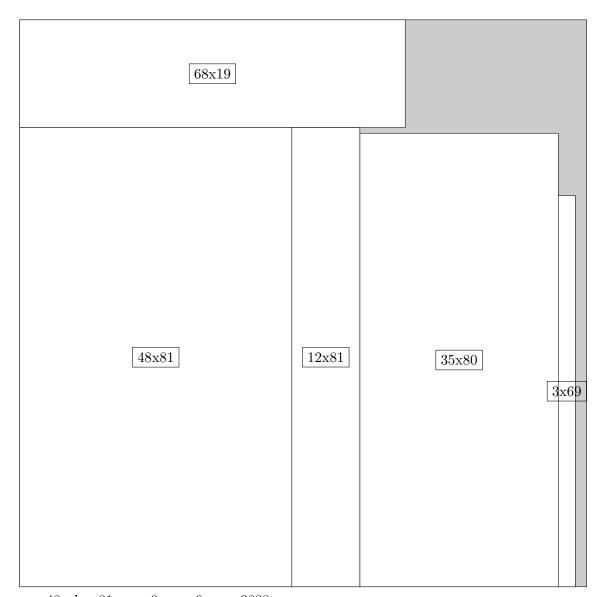
w = 2, h = 89, x = 97, y = 0, v = 178



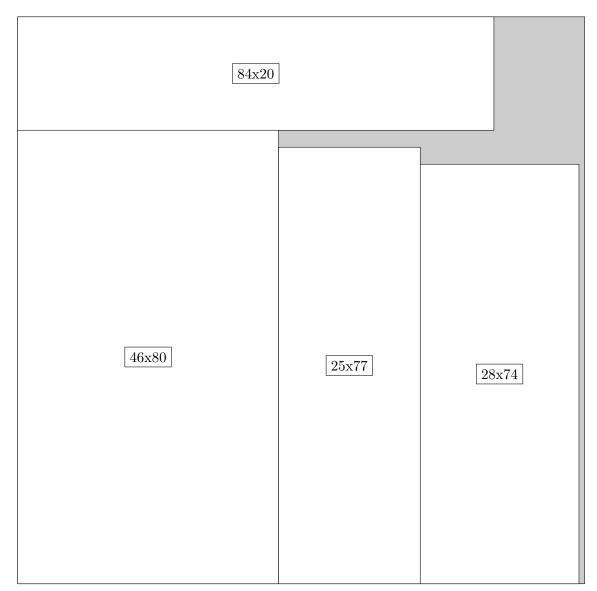
 $\begin{array}{l} w = & 35 \ , \ h = & 88 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 3080 \\ w = & 35 \ , \ h = & 82 \ , \ x = & 35 \ , \ y = & 0 \ , \ v = & 2870 \\ w = & 28 \ , \ h = & 100 \ , \ x = & 72 \ , \ y = & 0 \ , \ v = & 2800 \end{array}$



$$\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 86 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4128 \\ w = \!\! 47 \ , \ h = \!\! 86 \ , \ x = \!\! 48 \ , \ y = \!\! 0 \ , \ v = \!\! 4042 \\ w = \!\! 75 \ , \ h = \!\! 14 \ , \ x = \!\! 0 \ , \ y = \!\! 86 \ , \ v = \!\! 1050 \\ w = \!\! 5 \ , \ h = \!\! 77 \ , \ x = \!\! 95 \ , \ y = \!\! 0 \ , \ v = \!\! 385 \end{array}$$

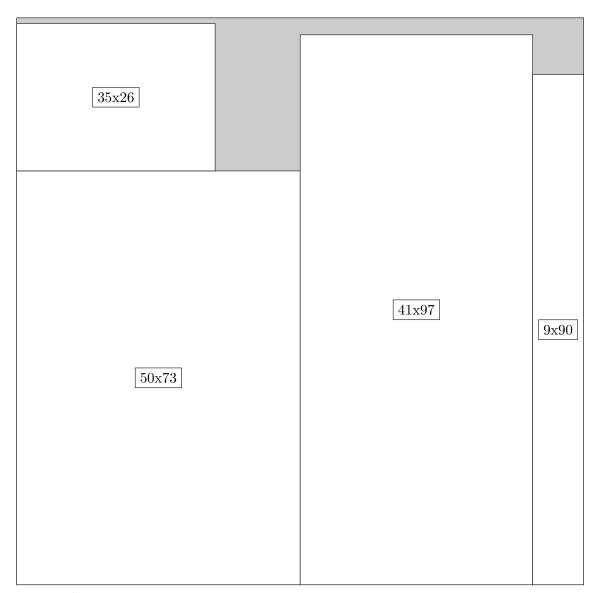


$$\begin{array}{l} w = \! 48 \;,\; h = \! 81 \;,\; x = \! 0 \;,\; y = \! 0 \;,\; v = \! 3888 \\ w = \! 35 \;,\; h = \! 80 \;,\; x = \! 60 \;,\; y = \! 0 \;,\; v = \! 2800 \\ w = \! 68 \;,\; h = \! 19 \;,\; x = \! 0 \;,\; y = \! 81 \;,\; v = \! 1292 \\ w = \! 12 \;,\; h = \! 81 \;,\; x = \! 48 \;,\; y = \! 0 \;,\; v = \! 972 \\ w = \! 3 \;,\; h = \! 69 \;,\; x = \! 95 \;,\; y = \! 0 \;,\; v = \! 207 \end{array}$$

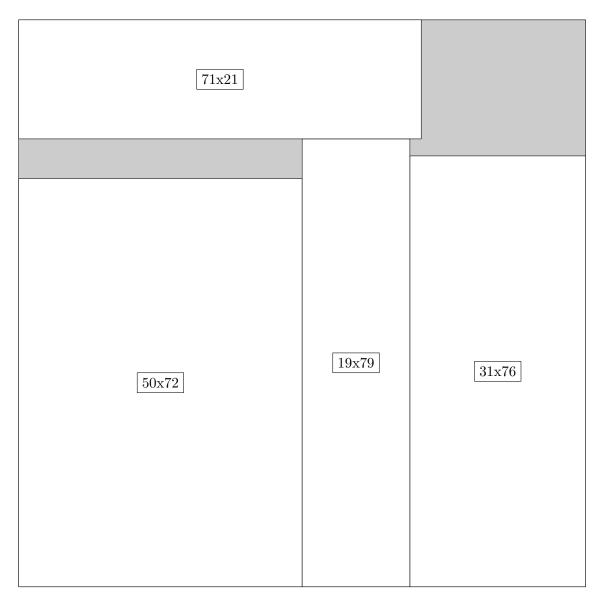


$$\le =25$$
 , h =77 , x =46 , y =0 , v =1925

$$\le =84$$
 , h =20 , x =0 , y =80 , v =1680



$$\begin{array}{l} w = \! 50 \ , \ h = \! 73 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3650 \\ w = \! 41 \ , \ h = \! 97 \ , \ x = \! 50 \ , \ y = \! 0 \ , \ v = \! 3977 \\ w = \! 35 \ , \ h = \! 26 \ , \ x = \! 0 \ , \ y = \! 73 \ , \ v = \! 910 \\ w = \! 9 \ , \ h = \! 90 \ , \ x = \! 91 \ , \ y = \! 0 \ , \ v = \! 810 \end{array}$$

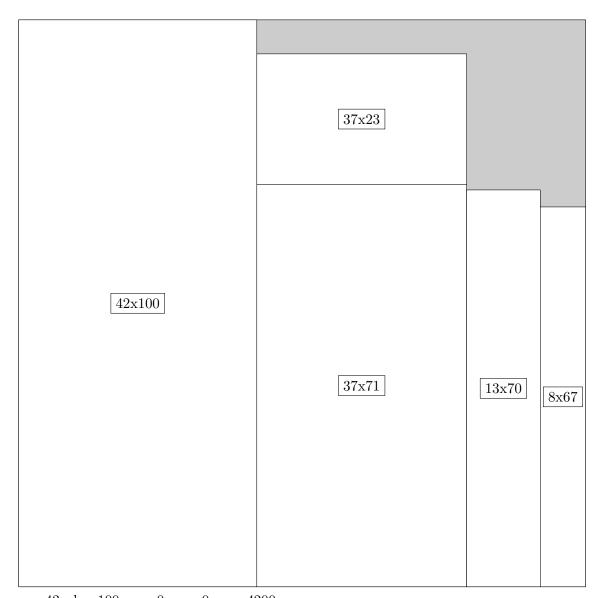


$$\mathbf{w}$$
 =50 , h =72 , x =0 , y =0 , v =3600

$$\le =31$$
 , h =76 , x =69 , y =0 , v =2356

$$\le =19$$
 , h =79 , x =50 , y =0 , v =1501

$$\mathbf{w}$$
 =71 , h =21 , x =0 , y =79 , v =1491

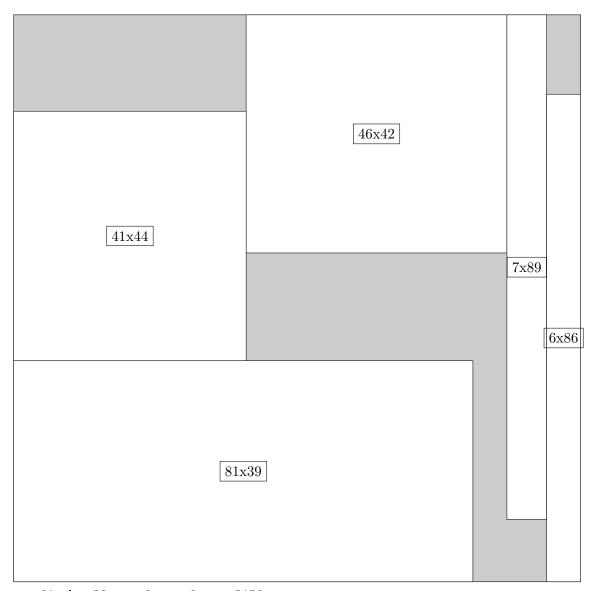


 $\begin{array}{l} w = \!\!\!\! 42 \; , \; h = \!\!\!\! 100 \; , \; x = \!\!\!\! 0 \; , \; y = \!\!\!\! 0 \; , \; v = \!\!\!\! 4200 \\ w = \!\!\!\! 37 \; , \; h = \!\!\!\! 71 \; , \; x = \!\!\!\! 42 \; , \; y = \!\!\!\! 0 \; , \; v = \!\!\!\! 2627 \\ \end{array}$

 $\le =13$, h =70 , x =79 , y =0 , v =910

 $\le =37$, h =23 , x =42 , y =71 , v =851

w=8 , $h=\!67$, $x=\!92$, $y=\!0$, $v=\!536$



$$\le =81$$
 , h =39 , x =0 , y =0 , v =3159

$$\mathbf{w}$$
 =46 , h =42 , x =41 , y =58 , v =1932

$$\mathbf{w}$$
 =41 , h =44 , x =0 , y =39 , v =1804

$$w$$
 =7 , h =89 , x =87 , y =11 , v =623

$$w = 6$$
, $h = 86$, $x = 94$, $y = 0$, $v = 516$

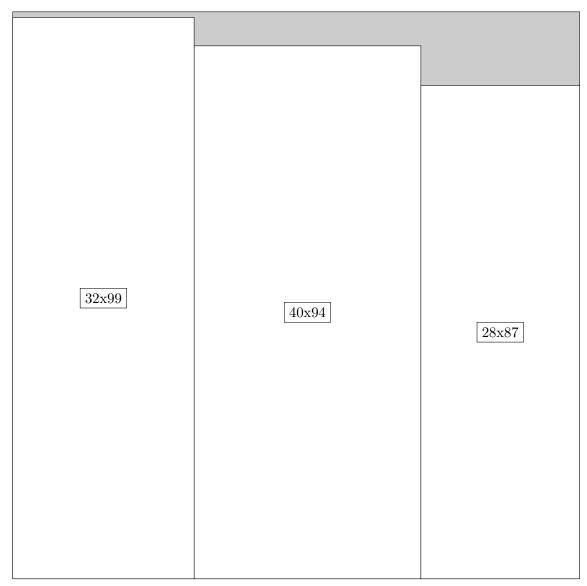
71x30		
$\boxed{44\text{x}69}$	23x70	$32 \mathrm{x} 70$

$$\le =44$$
 , h =69 , x =0 , y =0 , v =3036

$$w = 32$$
, $h = 70$, $x = 67$, $y = 0$, $v = 2240$

$$\le =71$$
 , h =30 , x =0 , y =70 , v =2130

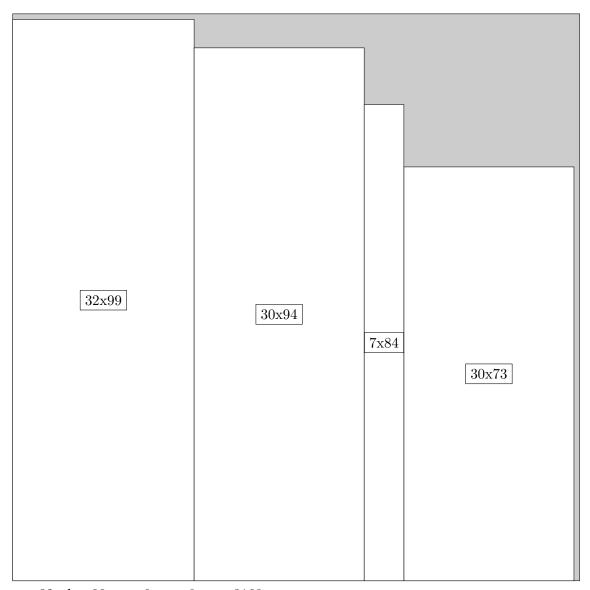
$$w$$
 =23 , h =70 , x =44 , y =0 , v =1610



$$\mathbf{w}$$
 =40 , h =94 , x =32 , y =0 , v =3760

$$\le =32$$
 , h =99 , x =0 , y =0 , v =3168

$$\le =28$$
 , h =87 , x =72 , y =0 , v =2436

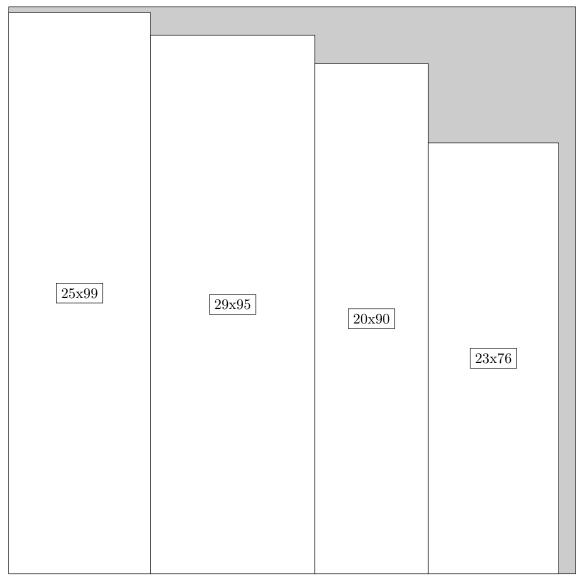


 $\le =32$, h =99 , x =0 , y =0 , v =3168

 $\le =30$, h =94 , x =32 , y =0 , v =2820

 $\le =30$, h =73 , x =69 , y =0 , v =2190

w =7 , h =84 , x =62 , y =0 , v =588



$$\begin{array}{l} w = \! 29 \ , \ h = \! 95 \ , \ x = \! 25 \ , \ y = \! 0 \ , \ v = \! 2755 \\ w = \! 25 \ , \ h = \! 99 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2475 \end{array}$$

$$\le =20$$
 , h =90 , x =54 , y =0 , v =1800

$$\mathbf{w}$$
 =23 , h =76 , x =74 , y =0 , v =1748



$$\le =92$$
 , h =33 , x =0 , y =0 , v =3036

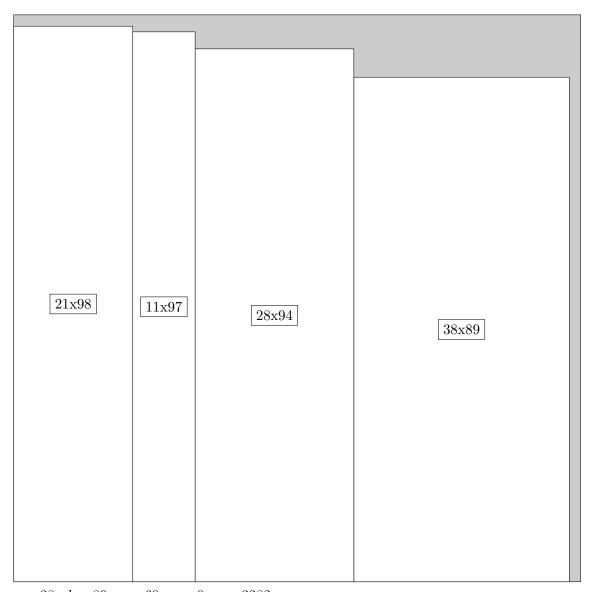
$$w = 40$$
, $h = 67$, $x = 0$, $y = 33$, $v = 2680$

$$\le =26$$
 , h =67 , x =40 , y =33 , v =1742

$$\le =22$$
 , h =66 , x =70 , y =33 , v =1452

$$\mathbf{w}$$
 =7 , h =96 , x =93 , y =0 , v =672

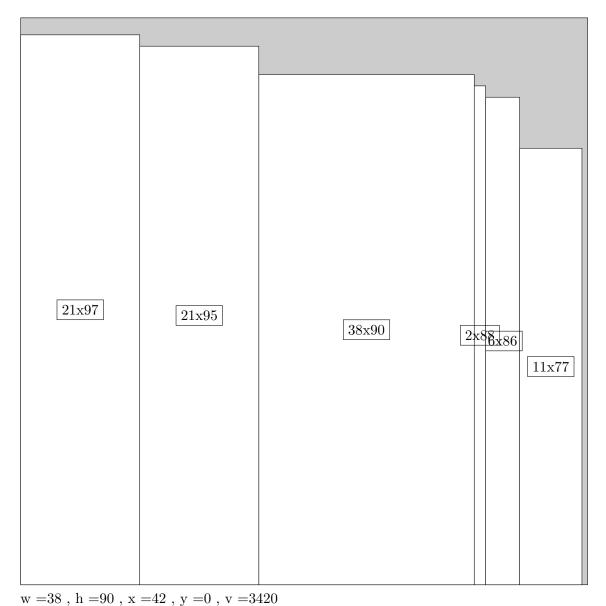
$$w=1$$
 , $h=\!99$, $x=\!92$, $y=\!0$, $v=\!99$



$$\begin{array}{l} w = \! 38 \ , \ h = \! 89 \ , \ x = \! 60 \ , \ y = \! 0 \ , \ v = \! 3382 \\ w = \! 28 \ , \ h = \! 94 \ , \ x = \! 32 \ , \ y = \! 0 \ , \ v = \! 2632 \end{array}$$

$$\le =21$$
 , h =98 , x =0 , y =0 , v =2058

$$\le =11$$
 , $h=97$, $x=21$, $y=0$, $v=1067$



$$w$$
 =11 , h =77 , x =88 , y =0 , v =847

$$\le =6$$
 , h =
86 , x =
82 , y =
0 , v =
516

$$\le = 2$$
 , h =
88 , x =
80 , y =
0 , v =
176

