$ClassName: \ Class_08.2bp-47$

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

TypeNum: 99
Num: 100
OutS: 280000
InS: 245141
Rate: 0.876
UB: 28
LB0: 28
LB: 28

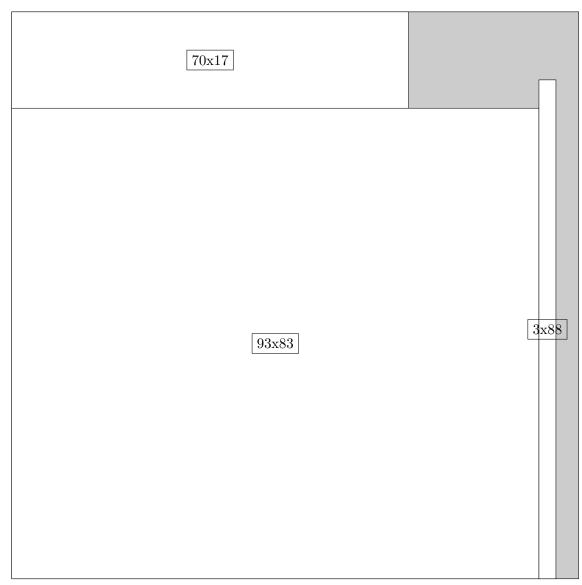
LBWithCut: $\underline{\mathbf{28}}$ NodeCut: $\underline{\mathbf{0}}$

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

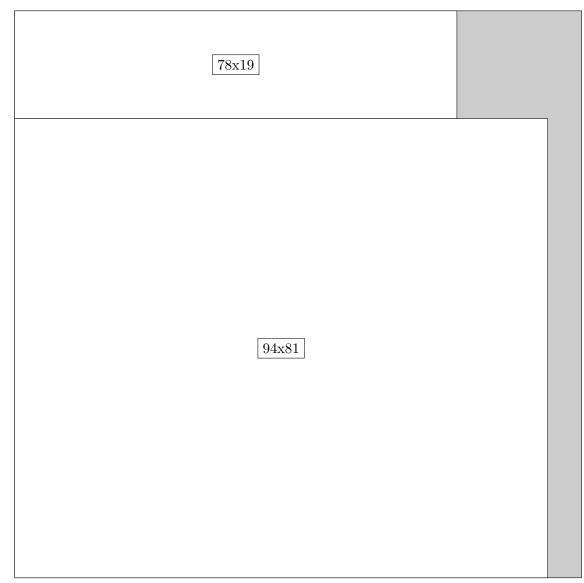
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{28}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

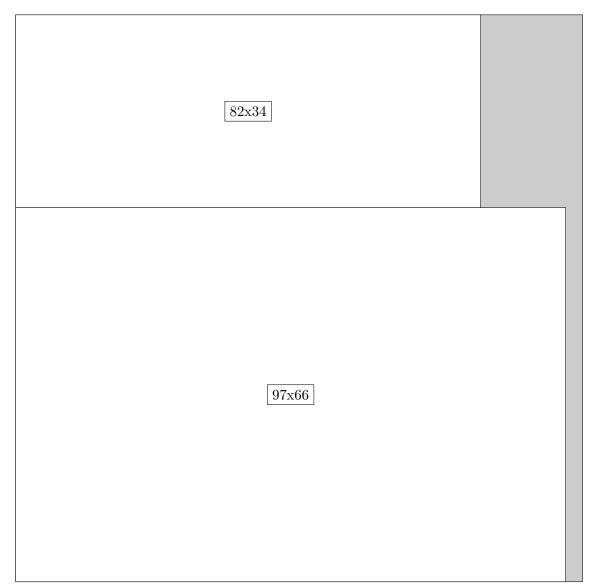
TimeOnInitSolution: 0.570 sTimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.710 s

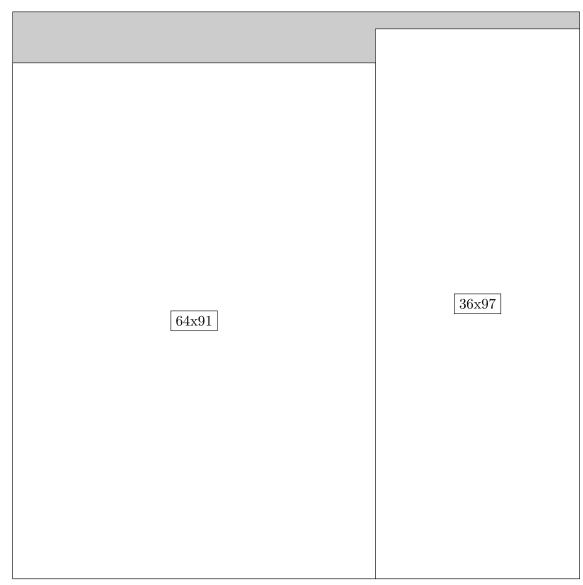


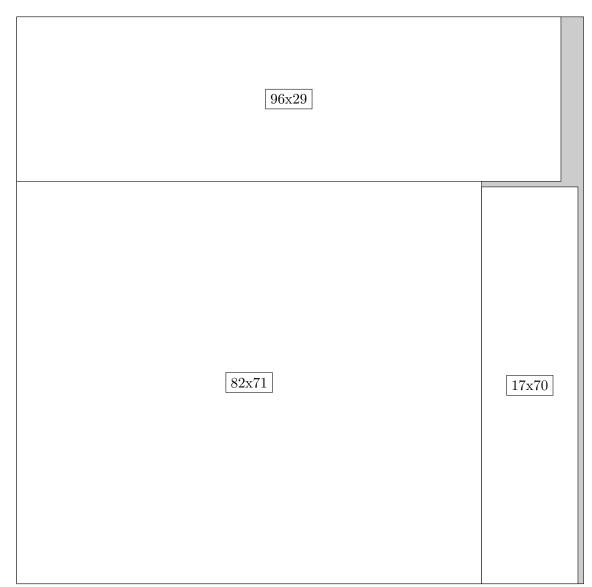
$$\begin{array}{l} w = \! 93 \ , \ h = \! 83 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7719 \\ w = \! 70 \ , \ h = \! 17 \ , \ x = \! 0 \ , \ y = \! 83 \ , \ v = \! 1190 \\ w = \! 3 \ , \ h = \! 88 \ , \ x = \! 93 \ , \ y = \! 0 \ , \ v = \! 264 \end{array}$$



$$\begin{array}{l} w = \! 94 \ , \ h = \! 81 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7614 \\ w = \! 78 \ , \ h = \! 19 \ , \ x = \! 0 \ , \ y = \! 81 \ , \ v = \! 1482 \end{array}$$



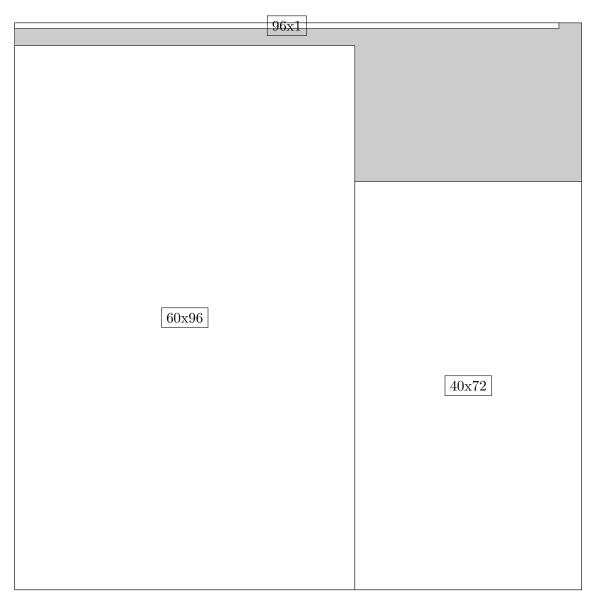




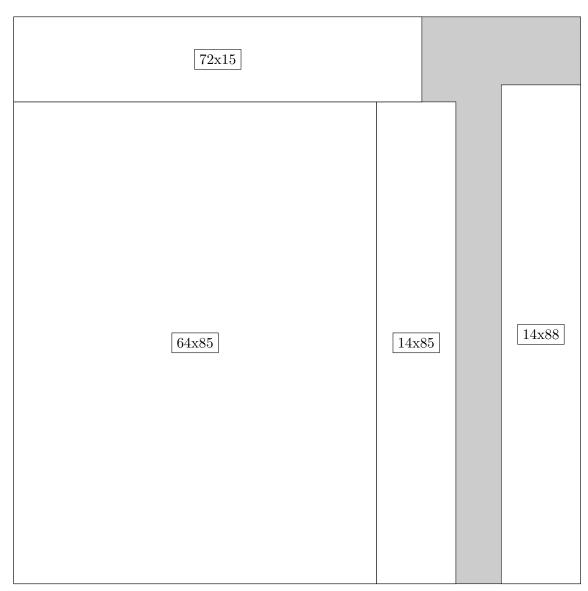
$$\le =82$$
 , h =71 , x =0 , y =0 , v =
5822

$$\le =96$$
 , h =29 , x =0 , y =71 , v =2784

$$\le =17$$
 , $h=70$, $x=82$, $y=0$, $v=1190$



$$\begin{array}{l} w = \! 60 \; , \; h = \! 96 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 5760 \\ w = \! 40 \; , \; h = \! 72 \; , \; x = \! 60 \; , \; y = \! 0 \; , \; v = \! 2880 \\ w = \! 96 \; , \; h = \! 1 \; , \; x = \! 0 \; , \; y = \! 99 \; , \; v = \! 96 \end{array}$$



$$\mathbf{w}$$
 =64 , h =85 , x =0 , y =0 , v =5440

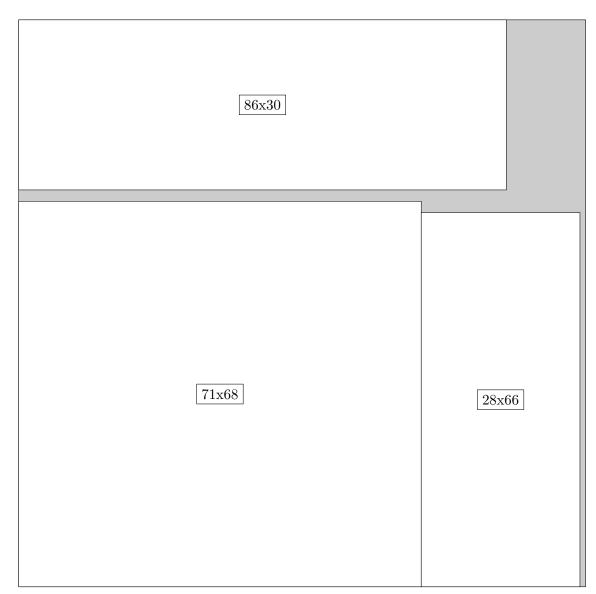
$$w$$
 =14 , h =88 , x =86 , y =0 , v =1232

$$\le =14$$
 , $h=\!85$, $x=\!64$, $y=\!0$, $v=\!1190$

$$\le =72$$
 , h =15 , x =0 , y =85 , v =1080



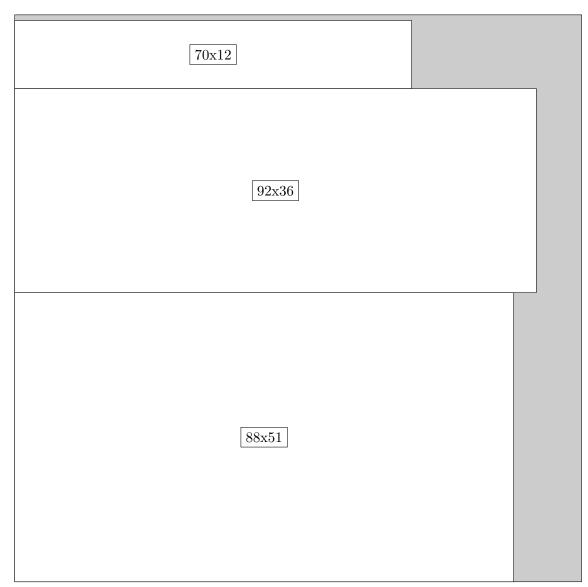
$$\begin{array}{c} w = \! 95 \ , \ h = \! 52 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4940 \\ w = \! 75 \ , \ h = \! 48 \ , \ x = \! 0 \ , \ y = \! 52 \ , \ v = \! 3600 \end{array}$$



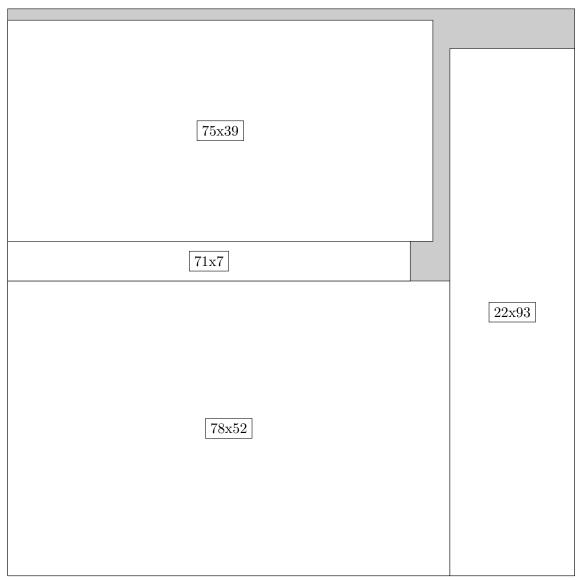
$$w$$
 =71 , h =68 , x =0 , y =0 , v =4828

$$\le =86$$
 , $h=30$, $x=0$, $y=70$, $v=2580$

$$\le =28$$
 , h =66 , x =71 , y =0 , v =1848



$$\begin{array}{l} w = \! 88 \ , \ h = \! 51 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4488 \\ w = \! 92 \ , \ h = \! 36 \ , \ x = \! 0 \ , \ y = \! 51 \ , \ v = \! 3312 \\ w = \! 70 \ , \ h = \! 12 \ , \ x = \! 0 \ , \ y = \! 87 \ , \ v = \! 840 \end{array}$$

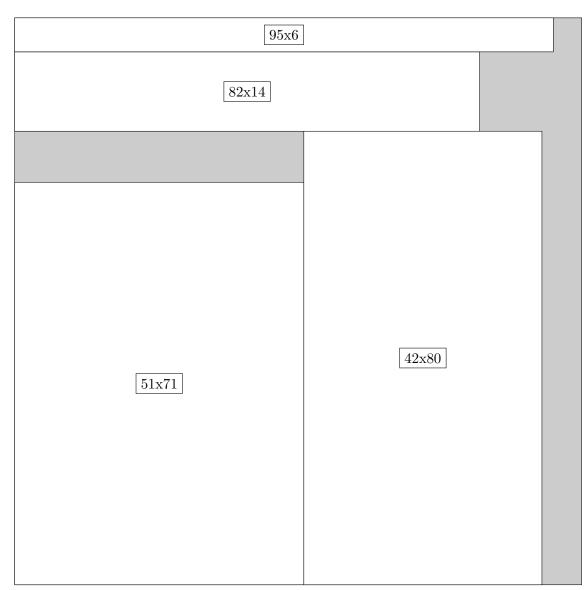


$$\le -78$$
 , h =52 , x =0 , y =0 , v =4056

$$\le =75$$
 , h =39 , x =0 , y =59 , v =2925

$$\le =22$$
 , h =93 , x =78 , y =0 , v =2046

$$\mathbf{w}$$
 =71 , h =7 , x =0 , y =52 , v =497

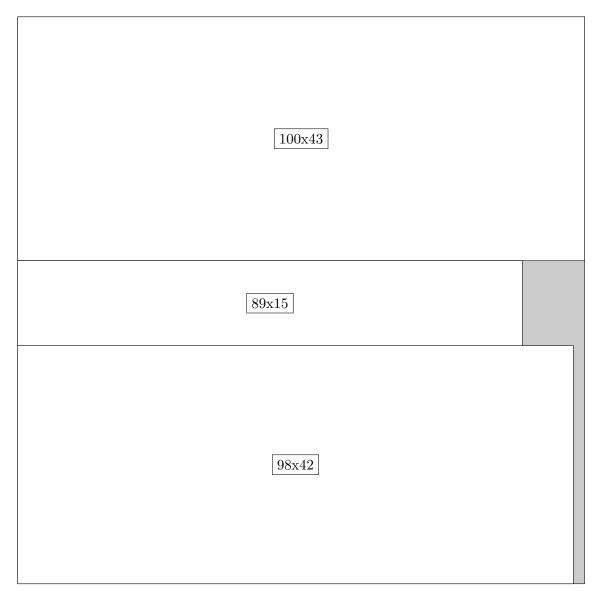


$$\mathbf{w}$$
 =51 , h =71 , x =0 , y =0 , v =3621

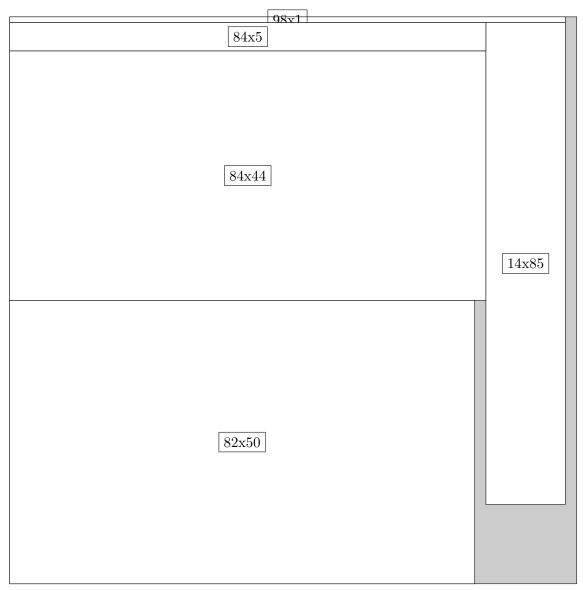
$$\le =42$$
 , $h=\!80$, $x=\!51$, $y=\!0$, $v=\!3360$

$$\le =82$$
 , h =14 , x =0 , y =80 , v =1148

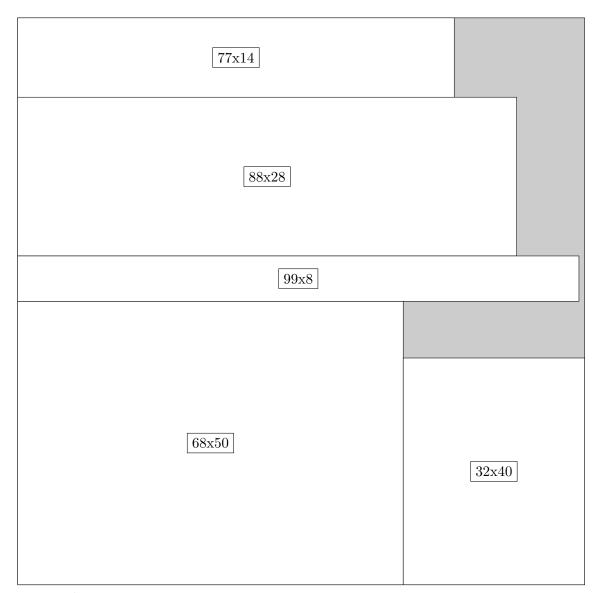
$$\le =95$$
 , h =6 , x =0 , y =94 , v =570



$$\begin{array}{l} w = \! 100 \ , \ h = \! 43 \ , \ x = \! 0 \ , \ y = \! 57 \ , \ v = \! 4300 \\ w = \! 98 \ , \ h = \! 42 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4116 \\ w = \! 89 \ , \ h = \! 15 \ , \ x = \! 0 \ , \ y = \! 42 \ , \ v = \! 1335 \end{array}$$



$$\begin{array}{l} w = & 82 \;,\; h = & 50 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 4100 \\ w = & 84 \;,\; h = & 44 \;,\; x = & 0 \;,\; y = & 50 \;,\; v = & 3696 \\ w = & 14 \;,\; h = & 85 \;,\; x = & 84 \;,\; y = & 14 \;,\; v = & 1190 \\ w = & 98 \;,\; h = & 1 \;,\; x = & 0 \;,\; y = & 99 \;,\; v = & 98 \\ w = & 84 \;,\; h = & 5 \;,\; x = & 0 \;,\; y = & 94 \;,\; v = & 420 \end{array}$$



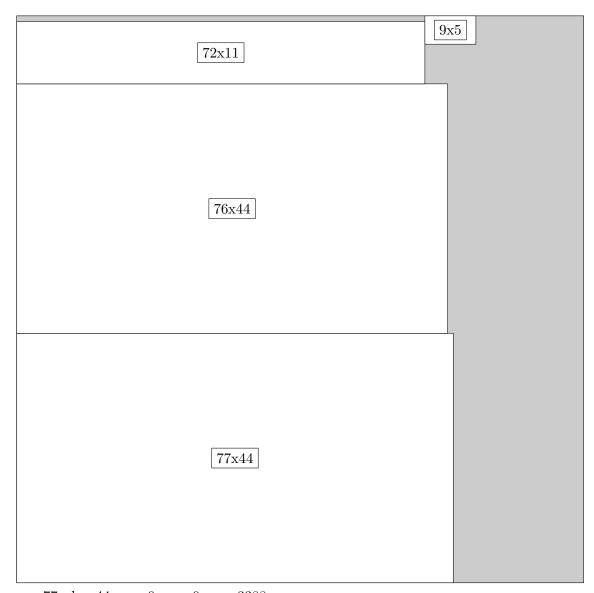
$$\le =68$$
 , h =50 , x =0 , y =0 , v =3400

$$\le =88$$
 , h =28 , x =0 , y =58 , v =2464

$$\le =32$$
 , h =40 , x =68 , y =0 , v =1280

$$\mathbf{w}$$
 =77 , h =14 , x =0 , y =86 , v =1078

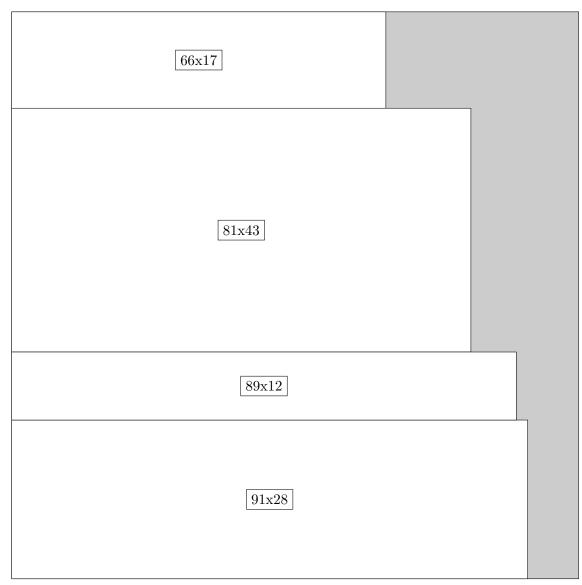
$$w = 99$$
, $h = 8$, $x = 0$, $y = 50$, $v = 792$



$$w = 72$$
, $h = 11$, $x = 0$, $y = 88$, $v = 792$

$$w = 72$$
, $h = 11$, $x = 0$, $y = 88$, $v = 79$

$$w$$
 =9 , h =5 , x =72 , y =95 , v =45

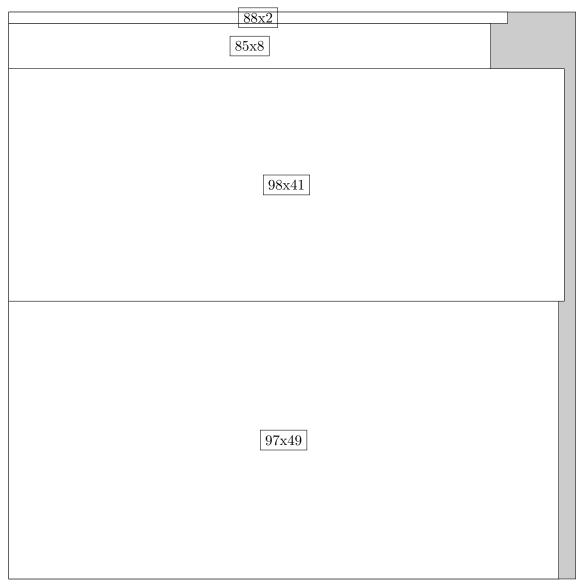


$$\le =81$$
 , $h=43$, $x=0$, $y=40$, $v=3483$

$$\le =91$$
 , $h=28$, $x=0$, $y=0$, $v=2548$

$$\le =66$$
 , h =17 , x =0 , y =83 , v =1122

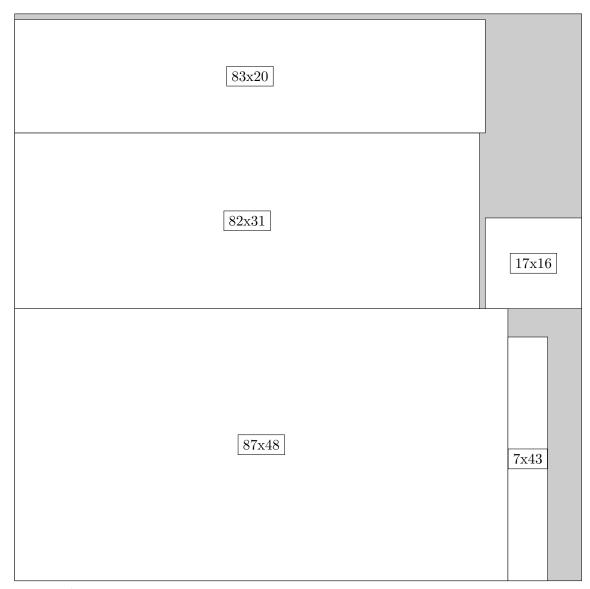
$$\le =89$$
 , h =12 , x =0 , y =28 , v =1068



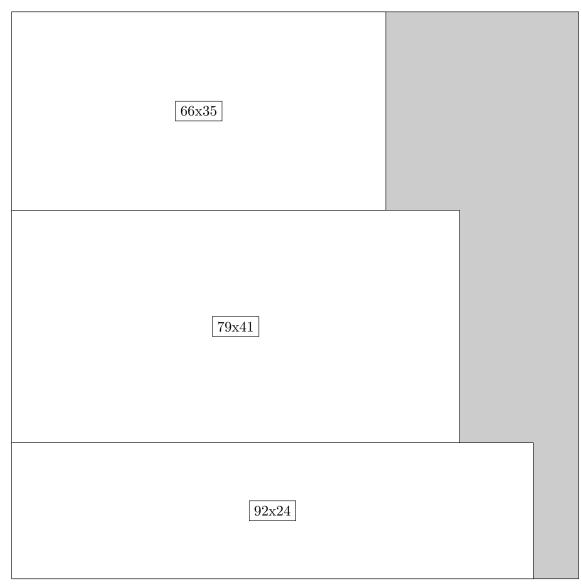
$$\begin{array}{l} w = \! 97 \ , \ h = \! 49 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4753 \\ w = \! 98 \ , \ h = \! 41 \ , \ x = \! 0 \ , \ y = \! 49 \ , \ v = \! 4018 \end{array}$$

$$w = 85$$
, $h = 8$, $x = 0$, $y = 90$, $v = 680$

$$\le =88$$
 , h =2 , x =0 , y =98 , v =176



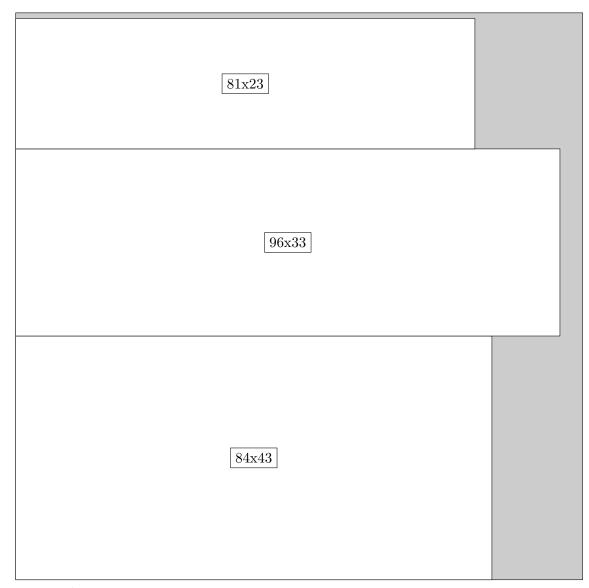
$$\begin{array}{l} w = \! 87 \;,\; h = \! 48 \;,\; x = \! 0 \;,\; y = \! 0 \;,\; v = \! 4176 \\ w = \! 82 \;,\; h = \! 31 \;,\; x = \! 0 \;,\; y = \! 48 \;,\; v = \! 2542 \\ w = \! 83 \;,\; h = \! 20 \;,\; x = \! 0 \;,\; y = \! 79 \;,\; v = \! 1660 \\ w = \! 7 \;,\; h = \! 43 \;,\; x = \! 87 \;,\; y = \! 0 \;,\; v = \! 301 \\ w = \! 17 \;,\; h = \! 16 \;,\; x = \! 83 \;,\; y = \! 48 \;,\; v = \! 272 \end{array}$$



$$\le =79$$
 , h =41 , x =0 , y =24 , v =3239

$$\le =66$$
 , $h=35$, $x=0$, $y=65$, $v=2310$

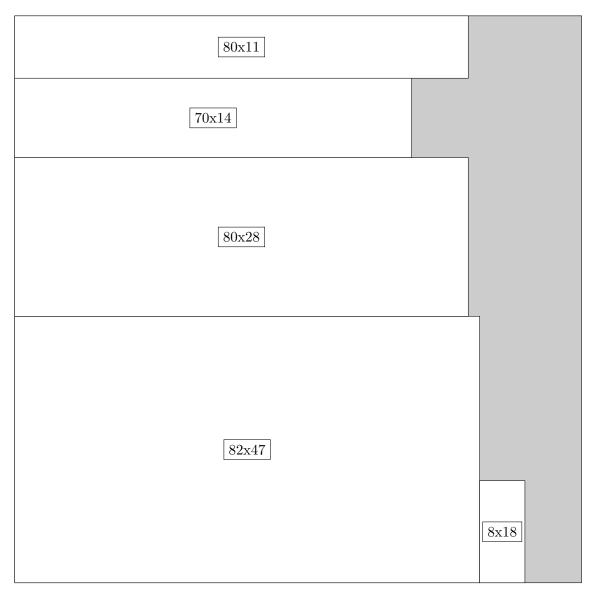
$$\le =92$$
 , h =24 , x =0 , y =0 , v =2208



$$\le =84$$
 , h =43 , x =0 , y =0 , v =3612

$$\le =96$$
 , h =33 , x =0 , y =43 , v =3168

$$\le =81$$
 , h =23 , x =0 , y =76 , v =1863



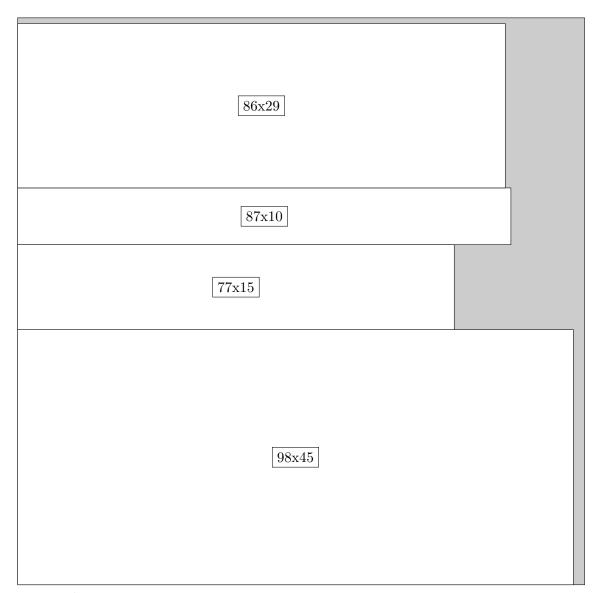
$$w = 82$$
, $h = 47$, $x = 0$, $y = 0$, $v = 3854$

$$\le =80$$
 , $h=28$, $x=0$, $y=47$, $v=2240$

$$w = 70$$
, $h = 14$, $x = 0$, $y = 75$, $v = 980$

$$\le =80$$
 , h =11 , x =0 , y =89 , v =880

$$w = 8$$
, $h = 18$, $x = 82$, $y = 0$, $v = 144$

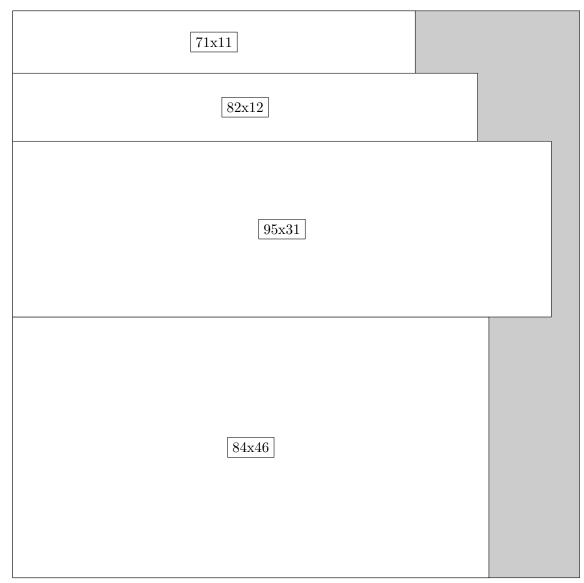


$$\le =98$$
 , h =45 , x =0 , y =0 , v =4410

$$\le =77$$
 , h =15 , x =0 , y =45 , v =1155

$$\le =87$$
 , h =10 , x =0 , y =60 , v =870

$$\le =86$$
 , h =29 , x =0 , y =70 , v =2494

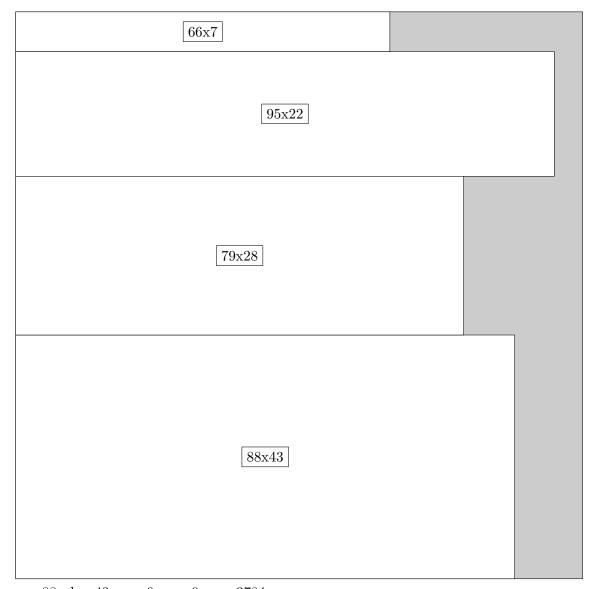


$$\le =84$$
 , h =46 , x =0 , y =0 , v =3864

$$\le =95$$
 , h =31 , x =0 , y =46 , v =2945

$$\le =82$$
 , h =12 , x =0 , y =77 , v =984

$$\mathbf{w}$$
 =71 , h =11 , x =0 , y =89 , v =781

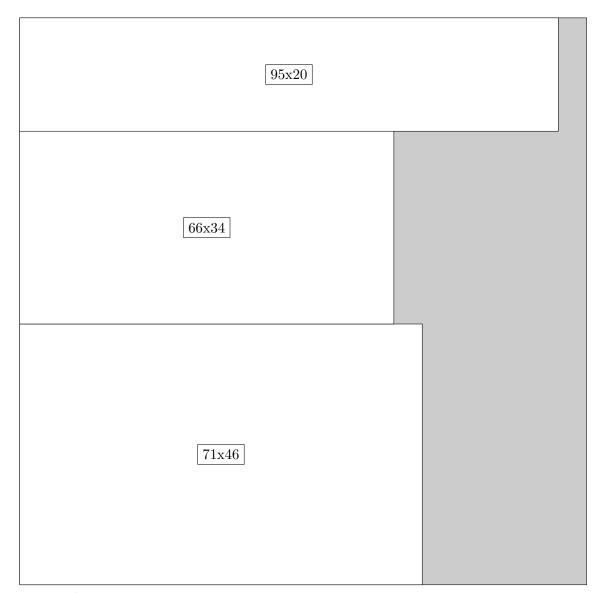


$$\le =88$$
 , h =43 , x =0 , y =0 , v =3784

$$\le =79$$
 , h =28 , x =0 , y =43 , v =2212

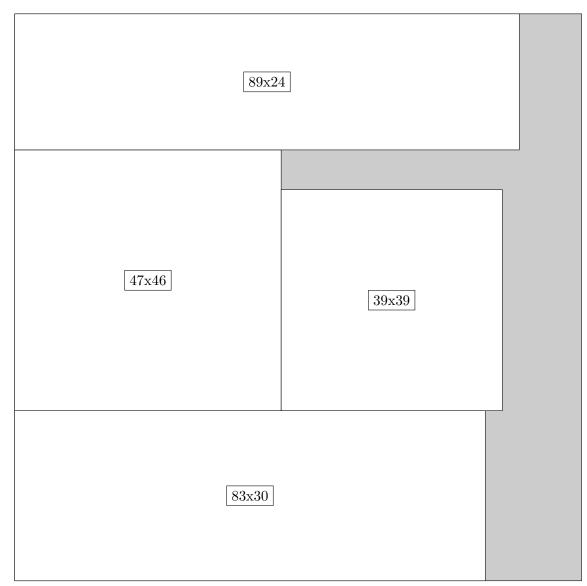
$$\le =95$$
 , h =22 , x =0 , y =71 , v =2090

$$\mathbf{w}$$
 =66 , h =7 , x =0 , y =93 , v =462



$$\begin{array}{l} w = \!\! 71 \ , \ h = \!\! 46 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3266 \\ w = \!\! 66 \ , \ h = \!\! 34 \ , \ x = \!\! 0 \ , \ y = \!\! 46 \ , \ v = \!\! 2244 \end{array}$$

$$\le =95$$
 , $h=20$, $x=0$, $y=80$, $v=1900$

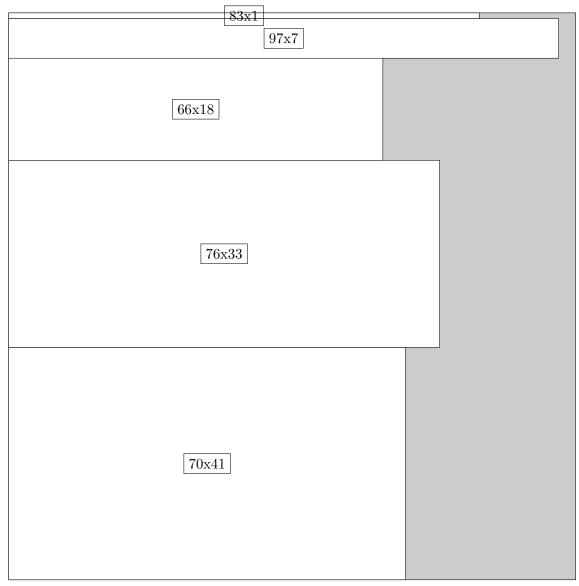


$$\le =83$$
 , h =30 , x =0 , y =0 , v =2490

$$\le =47$$
 , h =46 , x =0 , y =30 , v =2162

$$\le =89$$
 , h =24 , x =0 , y =76 , v =2136

$$\le =39$$
 , h =39 , x =47 , y =30 , v =1521



$$\begin{array}{l} w = \!\! 70 \ , \ h = \!\! 41 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 2870 \\ w = \!\! 76 \ , \ h = \!\! 33 \ , \ x = \!\! 0 \ , \ y = \!\! 41 \ , \ v = \!\! 2508 \\ w = \!\! 66 \ , \ h = \!\! 18 \ , \ x = \!\! 0 \ , \ y = \!\! 74 \ , \ v = \!\! 1188 \\ w = \!\! 97 \ , \ h = \!\! 7 \ , \ x = \!\! 0 \ , \ y = \!\! 92 \ , \ v = \!\! 679 \\ w = \!\! 83 \ , \ h = \!\! 1 \ , \ x = \!\! 0 \ , \ y = \!\! 99 \ , \ v = \!\! 83 \end{array}$$