$ClassName: \ Class_05.2bp-27$

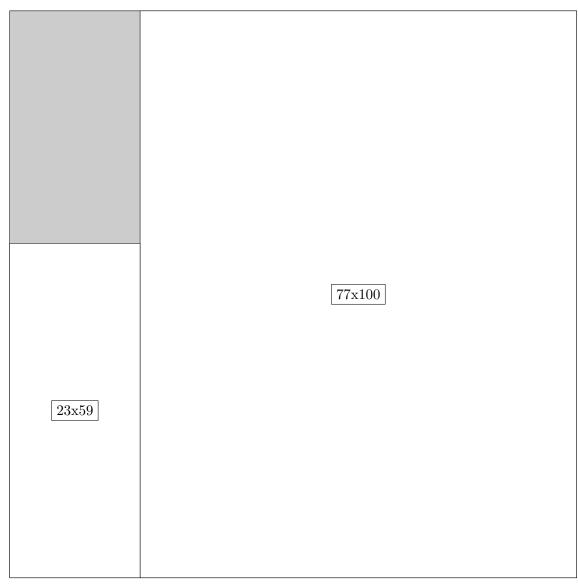
BinSize: $\underline{100 \times 100}$ ReduceSize: $\underline{100 \times 100}$

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>190000</u> InS: <u>161089</u> Rate: <u>0.848</u> UB: <u>19</u> LB: <u>19</u>

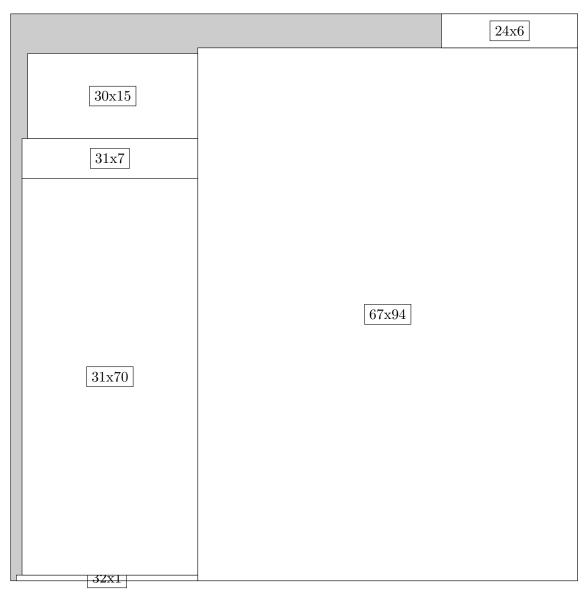
LBWithCut: $\underline{\mathbf{19}}$ NodeCount: $\underline{\mathbf{0}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{19}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: **true**

TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{0.000 \text{ s}}$ TimeOnRmp: $\underline{0.078 \text{ s}}$ TotalTime: $\underline{0.265 \text{ s}}$



$$\begin{array}{l} w = \!\!\! 77 \ , \ h = \!\!\! 100 \ , \ x = \!\!\! 23 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 7700 \\ w = \!\!\! 23 \ , \ h = \!\!\! 59 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 1357 \end{array}$$



$$\le =67$$
 , h =94 , x =33 , y =0 , v =6298

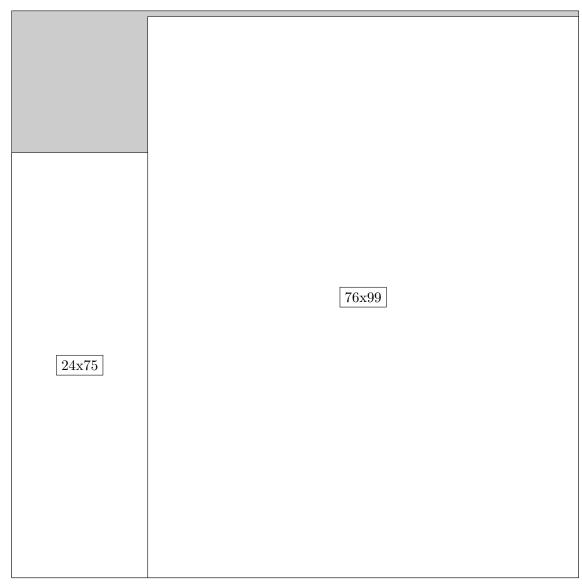
$$\mathbf{w}=\!32$$
 , $\mathbf{h}=\!1$, $\mathbf{x}=\!1$, $\mathbf{y}=\!0$, $\mathbf{v}=\!32$

$$w = 31$$
, $h = 70$, $x = 2$, $y = 1$, $v = 2170$

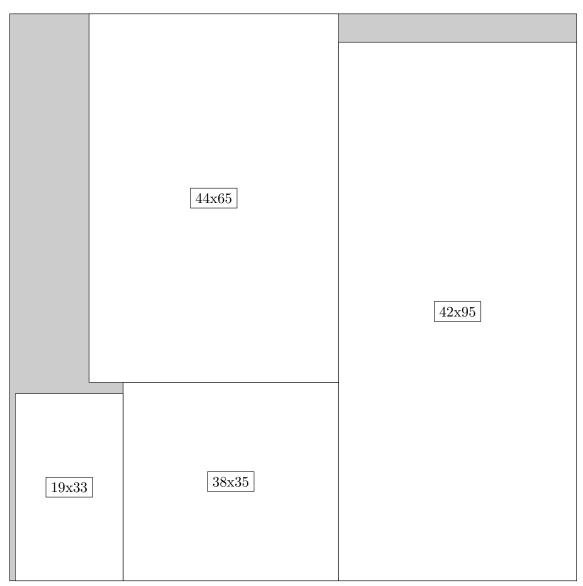
$$\le =31$$
 , h =7 , x =2 , y =71 , v =217

$$w = 30$$
, $h = 15$, $x = 3$, $y = 78$, $v = 450$

$$\le =24$$
 , h =6 , x =76 , y =94 , v =144



$$\begin{array}{l} w = \! 76 \ , \ h = \! 99 \ , \ x = \! 24 \ , \ y = \! 0 \ , \ v = \! 7524 \\ w = \! 24 \ , \ h = \! 75 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1800 \end{array}$$

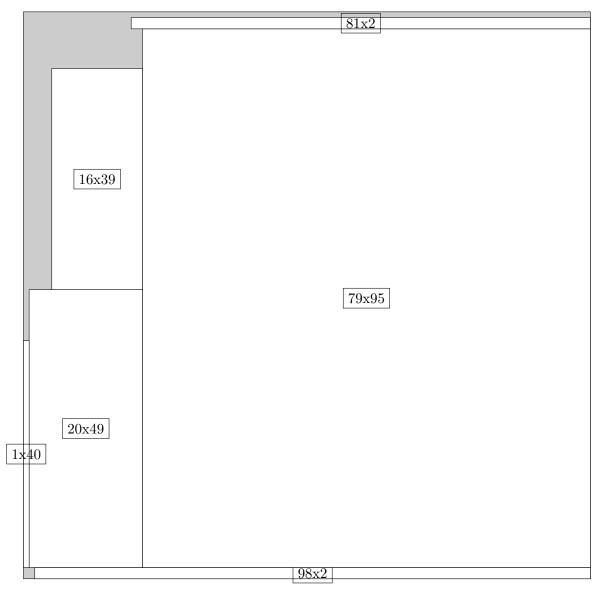


$$\le =42$$
 , h =95 , x =58 , y =0 , v =3990

$$\le =38$$
 , h =35 , x =20 , y =0 , v =1330

$$\le =19$$
 , h =33 , x =1 , y =0 , v =627

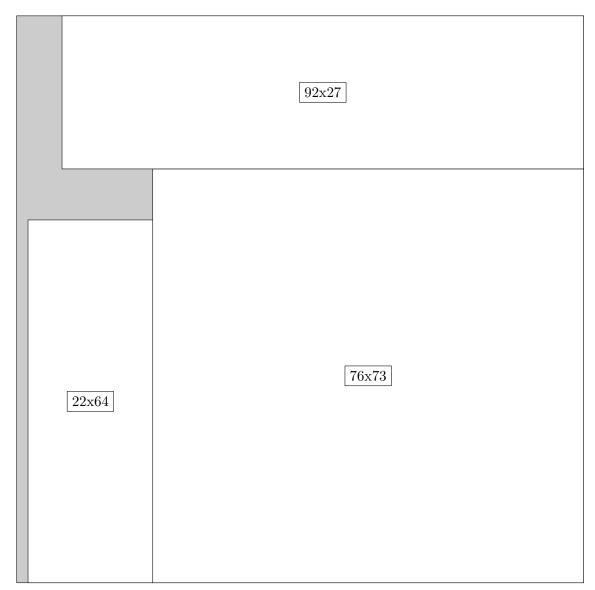
$$\le =44$$
 , h =65 , x =14 , y =35 , v =2860



 $\begin{array}{l} w = 98 \; , \; h = 2 \; , \; x = 2 \; , \; y = 0 \; , \; v = 196 \\ w = 79 \; , \; h = 95 \; , \; x = 21 \; , \; y = 2 \; , \; v = 7505 \\ w = 20 \; , \; h = 49 \; , \; x = 1 \; , \; y = 2 \; , \; v = 980 \\ w = 1 \; , \; h = 40 \; , \; x = 0 \; , \; y = 2 \; , \; v = 40 \\ w = 16 \; , \; h = 39 \; , \; x = 5 \; , \; y = 51 \; , \; v = 624 \\ w = 81 \; , \; h = 2 \; , \; x = 19 \; , \; y = 97 \; , \; v = 162 \end{array}$



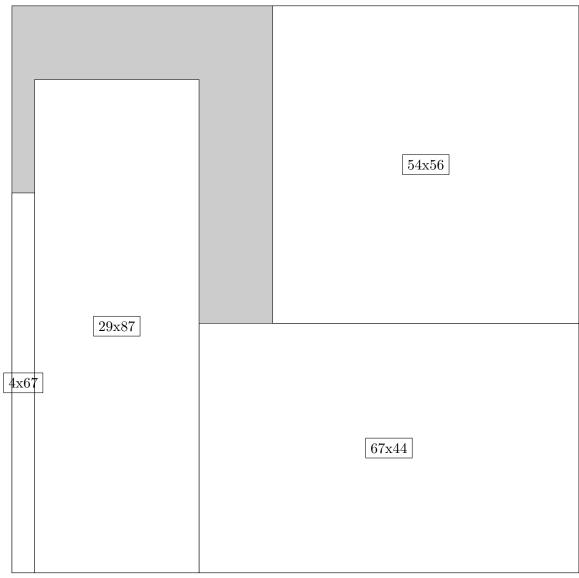
$$\begin{array}{l} w = 74 \ , \ h = \!\! 57 \ , \ x = \!\! 26 \ , \ y = \!\! 0 \ , \ v = \!\! 4218 \\ w = \!\! 72 \ , \ h = \!\! 37 \ , \ x = \!\! 28 \ , \ y = \!\! 57 \ , \ v = \!\! 2664 \end{array}$$



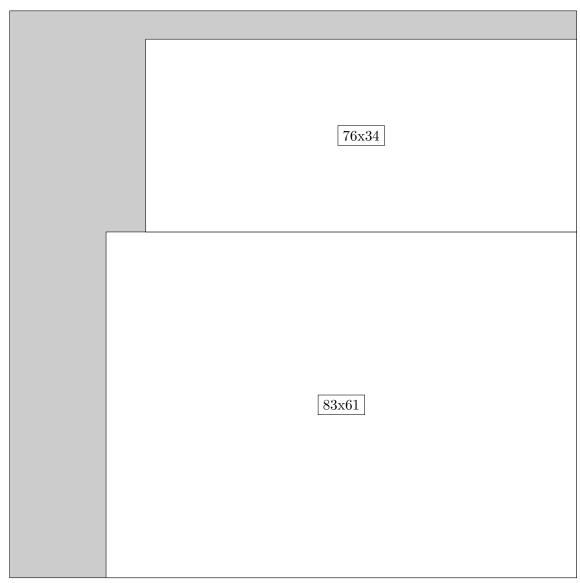
$$w$$
 =76 , h =73 , x =24 , y =0 , v =5548

$$\le =22$$
 , h =64 , x =2 , y =0 , v =1408

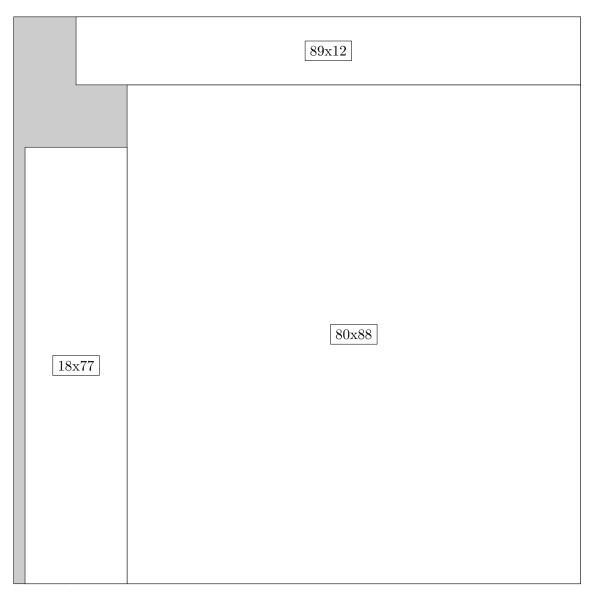
$$w=92$$
 , $h=27$, $x=8$, $y=73$, $v=2484$



 $\begin{array}{l} w=67 \;,\; h=44 \;,\; x=33 \;,\; y=0 \;,\; v=2948 \\ w=54 \;,\; h=56 \;,\; x=46 \;,\; y=44 \;,\; v=3024 \\ w=29 \;,\; h=87 \;,\; x=4 \;,\; y=0 \;,\; v=2523 \\ w=4 \;,\; h=67 \;,\; x=0 \;,\; y=0 \;,\; v=268 \end{array}$

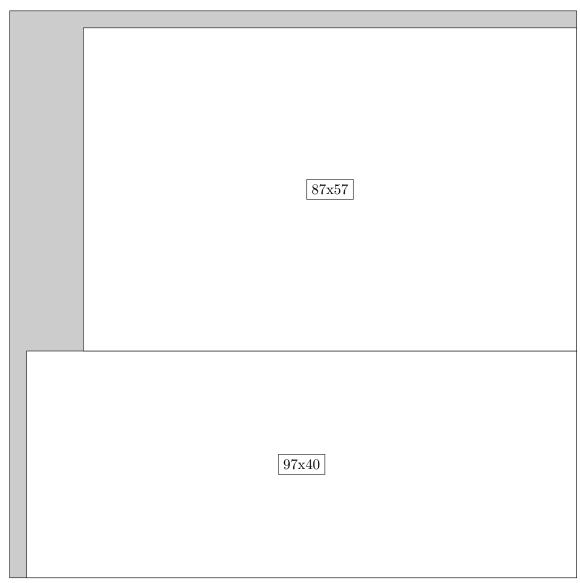


$$\begin{array}{l} w = \! 83 \ , \, h = \! 61 \ , \, x = \! 17 \ , \, y = \! 0 \ , \, v = \! 5063 \\ w = \! 76 \ , \, h = \! 34 \ , \, x = \! 24 \ , \, y = \! 61 \ , \, v = \! 2584 \end{array}$$

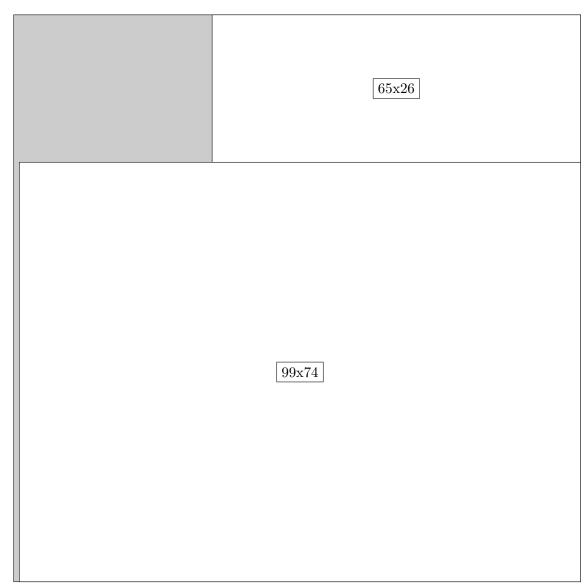


$$w$$
 =80 , h =88 , x =20 , y =0 , v =7040 w =18 , h =77 , x =2 , y =0 , v =1386

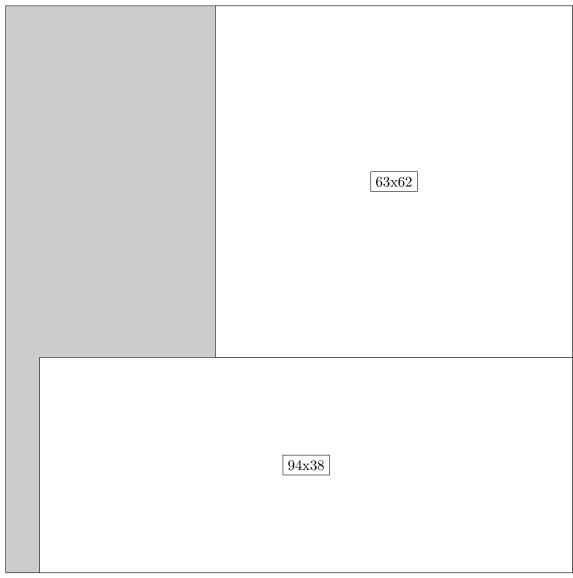
$$\le =89$$
 , h =12 , x =11 , y =88 , v =1068



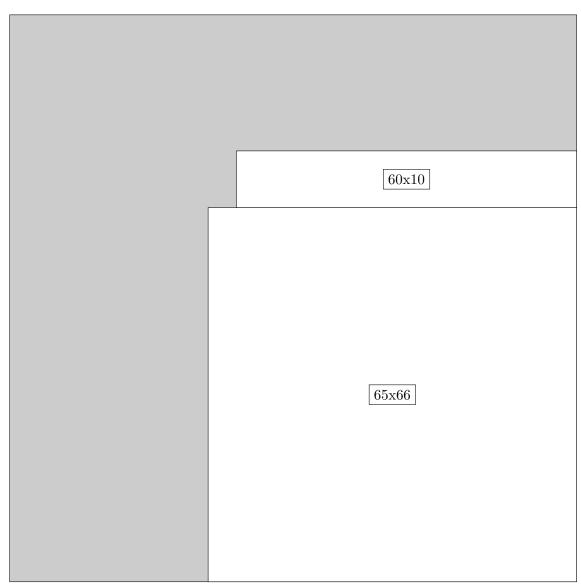
$$\begin{array}{l} w = \! 97 \; , \; h = \! 40 \; , \; x = \! 3 \; , \; y = \! 0 \; , \; v = \! 3880 \\ w = \! 87 \; , \; h = \! 57 \; , \; x = \! 13 \; , \; y = \! 40 \; , \; v = \! 4959 \end{array}$$



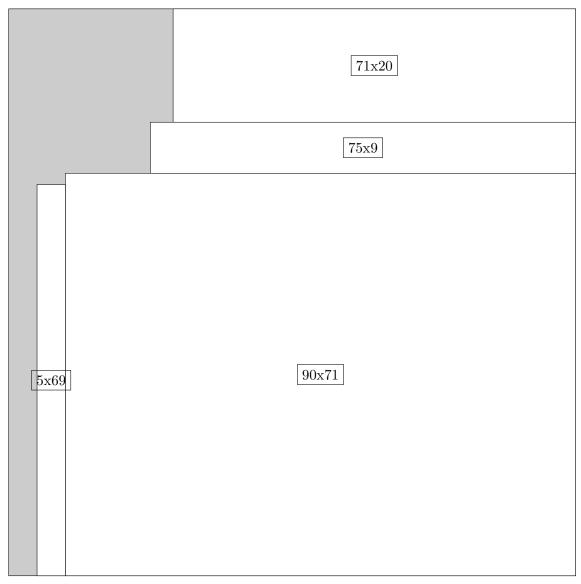
$$\begin{array}{l} w = 99 \ , \ h = 74 \ , \ x = 1 \ , \ y = 0 \ , \ v = 7326 \\ w = 65 \ , \ h = 26 \ , \ x = 35 \ , \ y = 74 \ , \ v = 1690 \end{array}$$



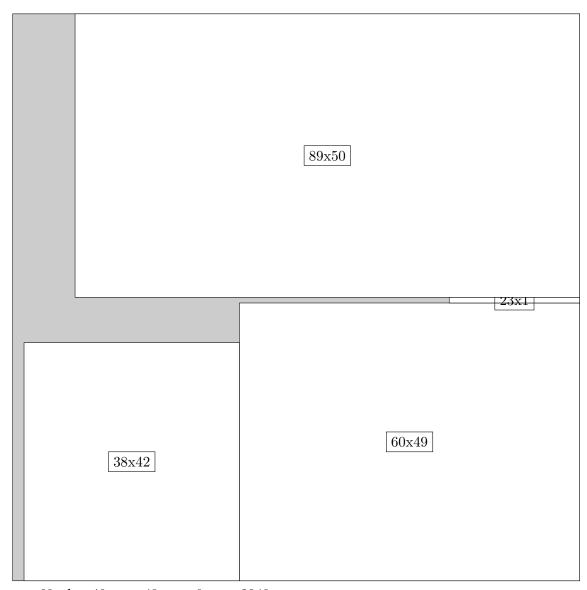
$$\begin{array}{l} w = 94 \; , \; h = 38 \; , \; x = 6 \; , \; y = 0 \; , \; v = 3572 \\ w = 63 \; , \; h = 62 \; , \; x = 37 \; , \; y = 38 \; , \; v = 3906 \end{array}$$



$$\begin{array}{l} w = \!65 \ , \ h = \!66 \ , \ x = \!35 \ , \ y = \!0 \ , \ v = \!4290 \\ w = \!60 \ , \ h = \!10 \ , \ x = \!40 \ , \ y = \!66 \ , \ v = \!600 \end{array}$$



 $\begin{array}{l} w = \! 90 \ , \, h = \! 71 \ , \, x = \! 10 \ , \, y = \! 0 \ , \, v = \! 6390 \\ w = \! 75 \ , \, h = \! 9 \ , \, x = \! 25 \ , \, y = \! 71 \ , \, v = \! 675 \\ w = \! 71 \ , \, h = \! 20 \ , \, x = \! 29 \ , \, y = \! 80 \ , \, v = \! 1420 \\ w = \! 5 \ , \, h = \! 69 \ , \, x = \! 5 \ , \, y = \! 0 \ , \, v = \! 345 \end{array}$

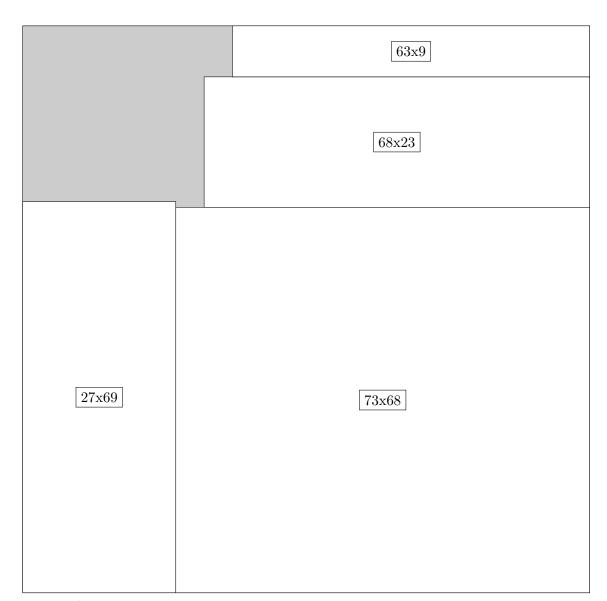


$$\le =60$$
 , $h=49$, $x=40$, $y=0$, $v=2940$

$$w$$
 =23 , h =1 , x =77 , y =49 , v =23

$$\le =38$$
 , h =42 , x =2 , y =0 , v =1596

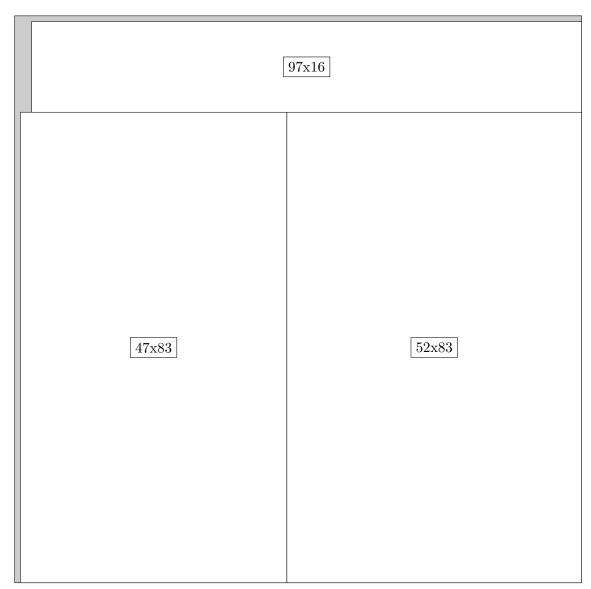
$$\le =89$$
 , h =50 , x =11 , y =50 , v =4450



$$\begin{array}{l} w = \!\! 73 \ , \, h = \!\! 68 \ , \, x = \!\! 27 \ , \, y = \!\! 0 \ , \, v = \!\! 4964 \\ w = \!\! 68 \ , \, h = \!\! 23 \ , \, x = \!\! 32 \ , \, y = \!\! 68 \ , \, v = \!\! 1564 \end{array}$$

$$\le =63$$
 , h =9 , x =37 , y =91 , v =
567

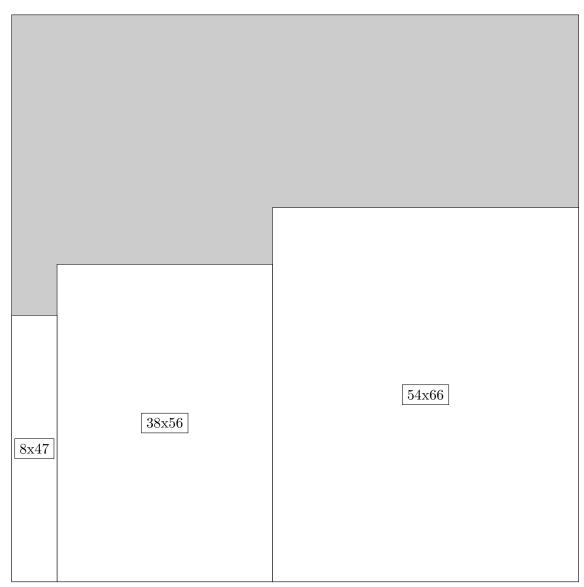
$$\mathbf{w}$$
 =27 , h =69 , x =0 , y =0 , v =1863



$$w = 52$$
, $h = 83$, $x = 48$, $y = 0$, $v = 4316$

$$\le =47$$
 , h =83 , x =1 , y =0 , v =3901

$$\le =97$$
 , h =16 , x =3 , y =83 , v =1552



 $\begin{array}{l} w = \!54 \;,\; h = \!66 \;,\; x = \!46 \;,\; y = \!0 \;,\; v = \!3564 \\ w = \!38 \;,\; h = \!56 \;,\; x = \!8 \;,\; y = \!0 \;,\; v = \!2128 \\ w = \!8 \;,\; h = \!47 \;,\; x = \!0 \;,\; y = \!0 \;,\; v = \!376 \end{array}$