$ClassName: {\bf Class_08.2bp-21}$

BinSize: 100×100 ReduceSize: 100×100

TypeNum: **60** Num: **60** OutS: **170000** InS: 143565Rate: $\underline{0.845}$ UB: <u>17</u>

LB0: **17** LB: **17**

LBWithCut: 17 NodeCut: **0**

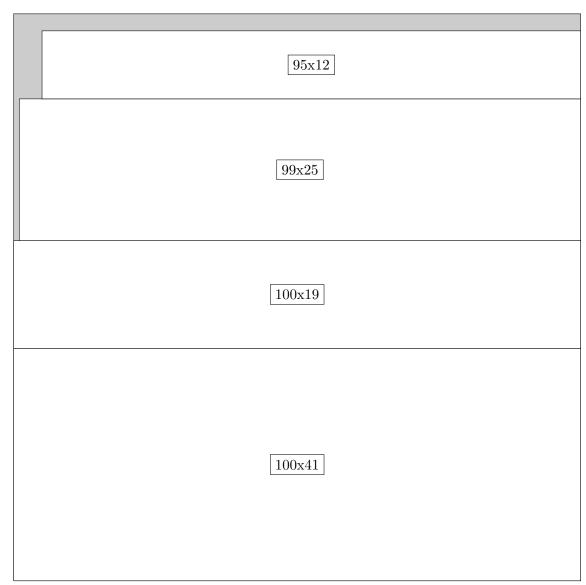
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\mathbf{1}$ PrimalNode: $\mathbf{0}$ ColumnCount: 17 $TotalCutCount: \ \mathbf{0}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

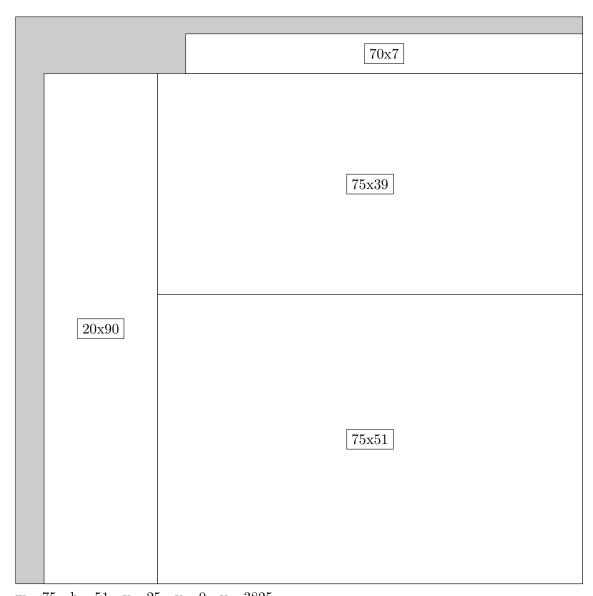
isOpt: $\underline{\mathbf{true}}$

TimeOnInitSolution: $\underline{600.000 \text{ s}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 s TimeOnRmp: 0.084 sTotal Time: 600.340 s

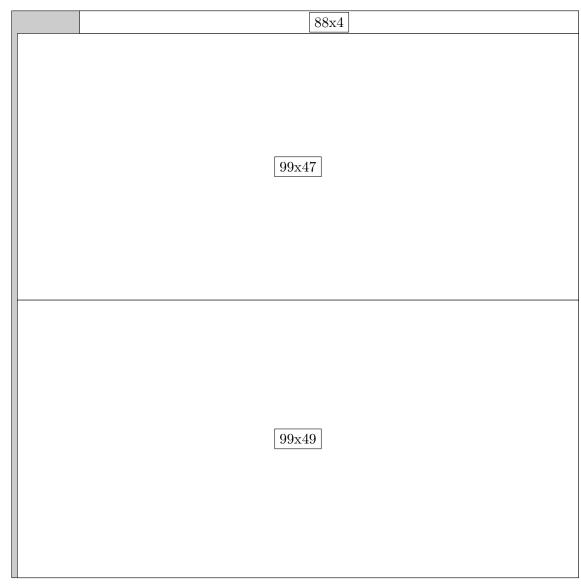


 $\begin{array}{l} w = & 100 \ , \ h = & 41 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 4100 \\ w = & 100 \ , \ h = & 19 \ , \ x = & 0 \ , \ y = & 41 \ , \ v = & 1900 \\ w = & 99 \ , \ h = & 25 \ , \ x = & 1 \ , \ y = & 60 \ , \ v = & 2475 \\ w = & 95 \ , \ h = & 12 \ , \ x = & 5 \ , \ y = & 85 \ , \ v = & 1140 \end{array}$

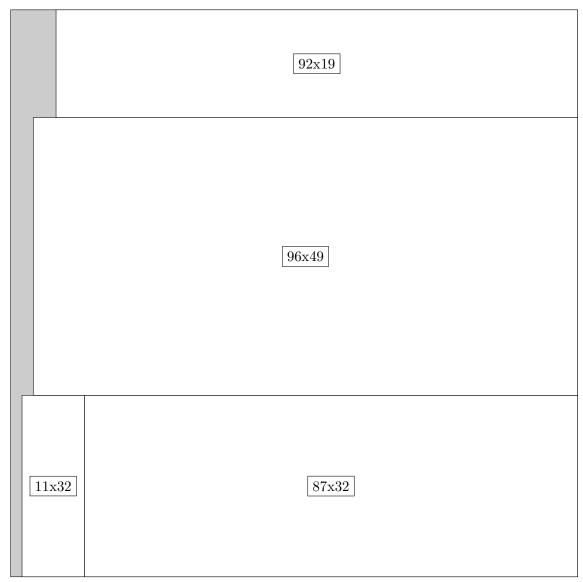


$$\begin{array}{l} w = \!\!\! 75 \ , \ h = \!\!\! 51 \ , \ x = \!\!\! 25 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 3825 \\ w = \!\!\! 75 \ , \ h = \!\!\! 39 \ , \ x = \!\!\! 25 \ , \ y = \!\!\! 51 \ , \ v = \!\!\! 2925 \\ w = \!\!\! 70 \ , \ h = \!\!\! 7 \ , \ x = \!\!\! 30 \ , \ y = \!\!\! 90 \ , \ v = \!\!\! 490 \end{array}$$

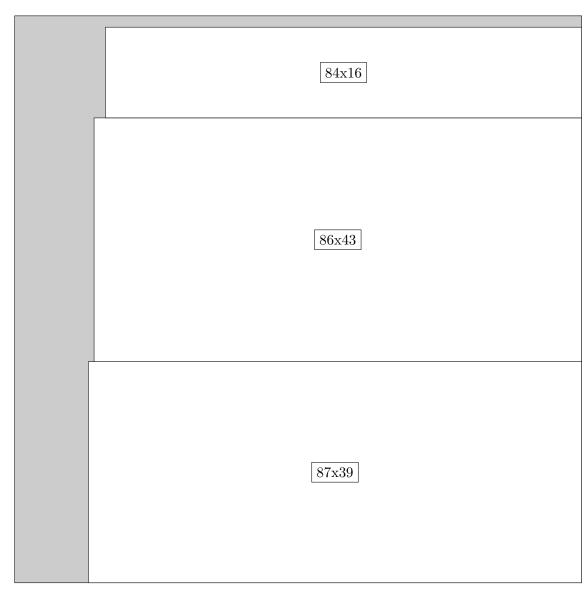
 \mathbf{w} =20 , h =90 , x =5 , y =0 , v =1800



$$\begin{array}{l} w = &99 \ , \ h = &49 \ , \ x = &1 \ , \ y = &0 \ , \ v = &4851 \\ w = &99 \ , \ h = &47 \ , \ x = &1 \ , \ y = &49 \ , \ v = &4653 \\ w = &88 \ , \ h = &4 \ , \ x = &12 \ , \ y = &96 \ , \ v = &352 \end{array}$$



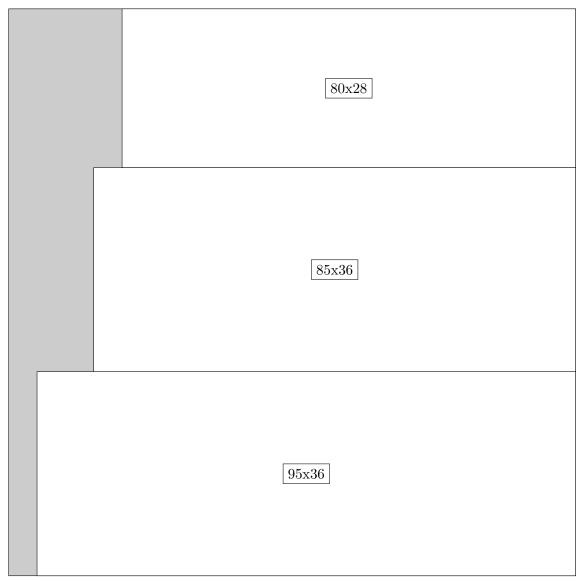
$$\begin{array}{l} w = \!\!87 \;,\; h = \!\!32 \;,\; x = \!\!13 \;,\; y = \!\!0 \;,\; v = \!\!2784 \\ w = \!\!11 \;,\; h = \!\!32 \;,\; x = \!\!2 \;,\; y = \!\!0 \;,\; v = \!\!352 \\ w = \!\!96 \;,\; h = \!\!49 \;,\; x = \!\!4 \;,\; y = \!\!32 \;,\; v = \!\!4704 \\ w = \!\!92 \;,\; h = \!\!19 \;,\; x = \!\!8 \;,\; y = \!\!81 \;,\; v = \!\!1748 \end{array}$$



$$\le =87$$
 , h =39 , x =13 , y =0 , v =3393

$$\le =86$$
 , h =43 , x =14 , y =39 , v =3698

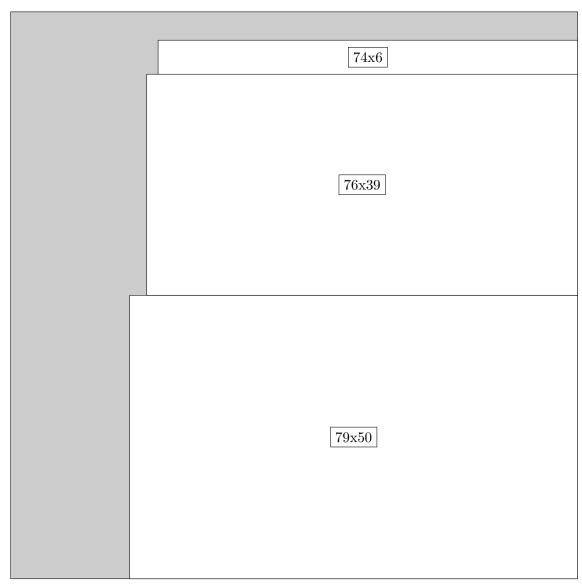
$$\le =84$$
 , h =16 , x =16 , y =82 , v =1344



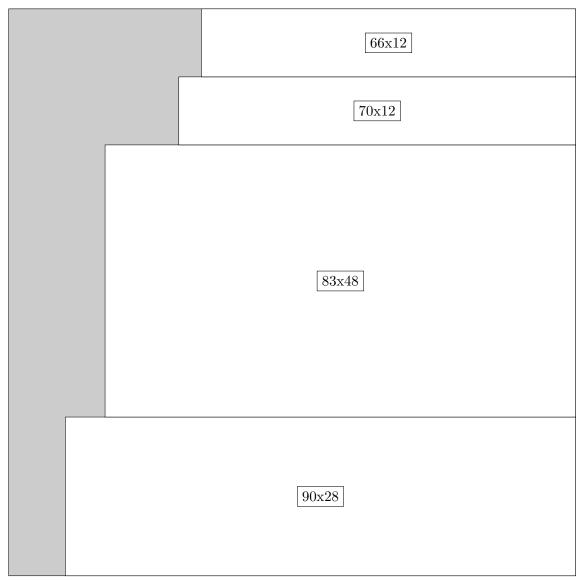
$$\le =95$$
 , h =36 , x =5 , y =0 , v =3420

$$\le =85$$
 , h =36 , x =15 , y =36 , v =3060

$$\le =80$$
 , h =28 , x =20 , y =72 , v =2240



$$\begin{array}{l} w = 79 \ , \ h = 50 \ , \ x = 21 \ , \ y = 0 \ , \ v = 3950 \\ w = 76 \ , \ h = 39 \ , \ x = 24 \ , \ y = 50 \ , \ v = 2964 \\ w = 74 \ , \ h = 6 \ , \ x = 26 \ , \ y = 89 \ , \ v = 444 \end{array}$$

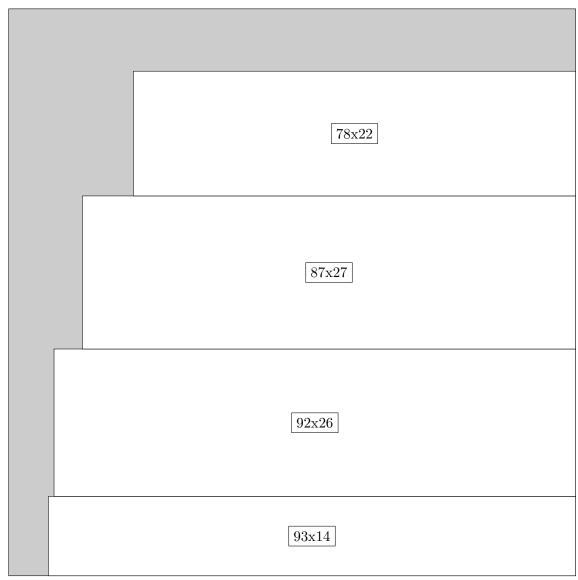


$$\le =90$$
 , $h=28$, $x=10$, $y=0$, $v=2520$

$$\le =83$$
 , h =48 , x =17 , y =28 , v =3984

$$\le =70$$
 , h =12 , x =30 , y =76 , v =840

$$\mathbf{w}$$
 =66 , h =12 , x =34 , y =88 , v =792

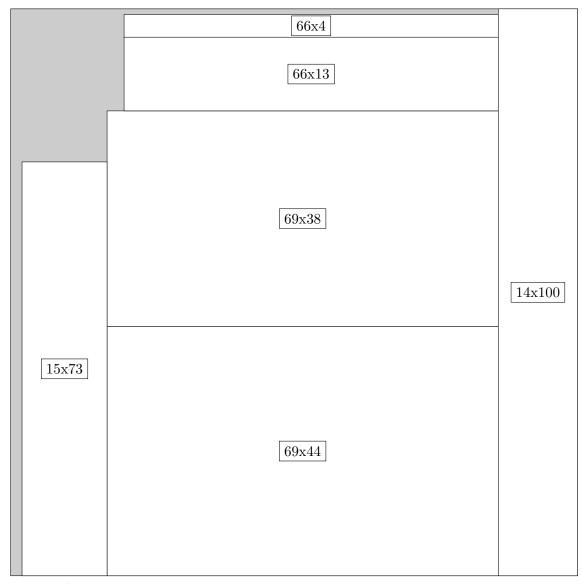


$$\le =93$$
 , $h=14$, $x=7$, $y=0$, $v=1302$

$$\le =92$$
 , h =26 , x =8 , y =14 , v =2392

$$\le =87$$
 , h =27 , x =13 , y =40 , v =2349

$$\le -78$$
 , h =22 , x =22 , y =67 , v =1716



$$w$$
 =14 , h =100 , x =86 , y =0 , v =1400

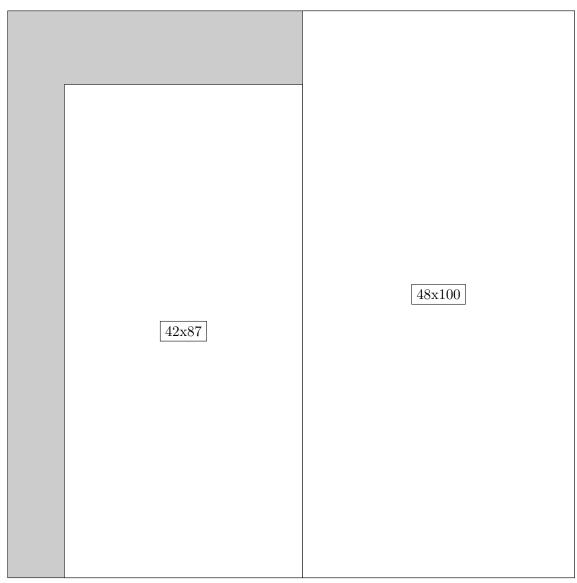
$$\le =69$$
 , h =44 , x =17 , y =0 , v =3036

$$\le =69$$
 , h =38 , x =17 , y =44 , v =2622

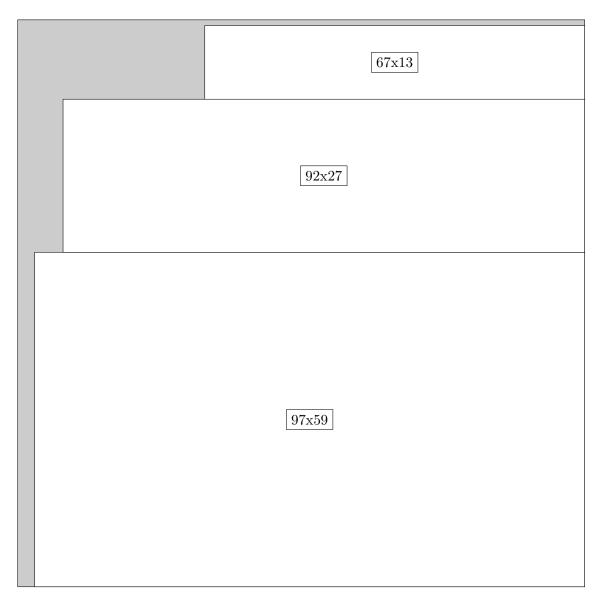
$$\le =66$$
 , h =13 , x =20 , y =82 , v =858

$$\mathbf{w}$$
 =66 , h =4 , x =20 , y =95 , v =264

$$\le =15$$
 , h =73 , x =2 , y =0 , v =1095



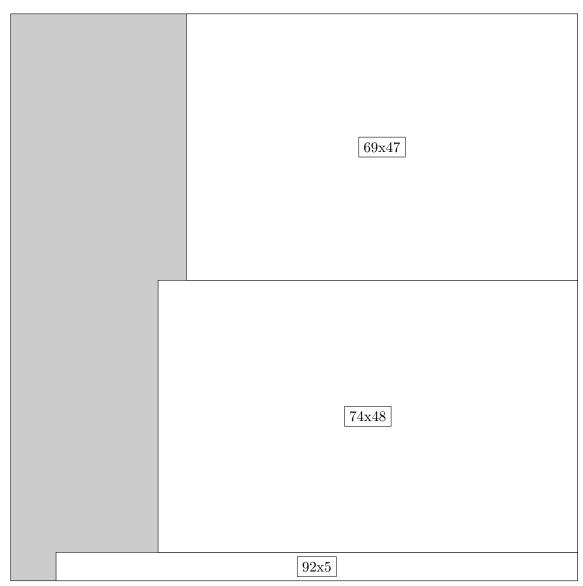
w=48 , $h=\!100$, $x=\!52$, $y=\!0$, $v=\!4800$ $w=\!42$, $h=\!87$, $x=\!10$, $y=\!0$, $v=\!3654$



$$w = 97$$
, $h = 59$, $x = 3$, $y = 0$, $v = 5723$

$$\le =92$$
 , h =27 , x =8 , y =59 , v =2484

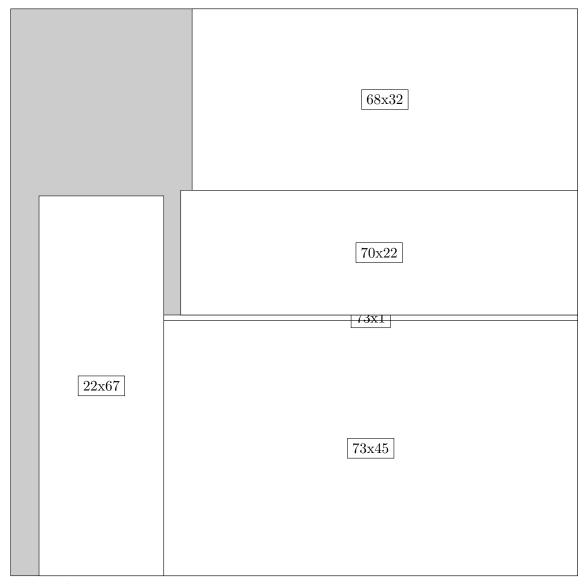
$$\le =67$$
 , h =13 , x =33 , y =86 , v =871



$$\le =92$$
 , h =5 , x =8 , y =0 , v =460

$$\le =74$$
 , h =48 , x =26 , y =5 , v =3552

$$\le =69$$
 , h =47 , x =31 , y =53 , v =3243



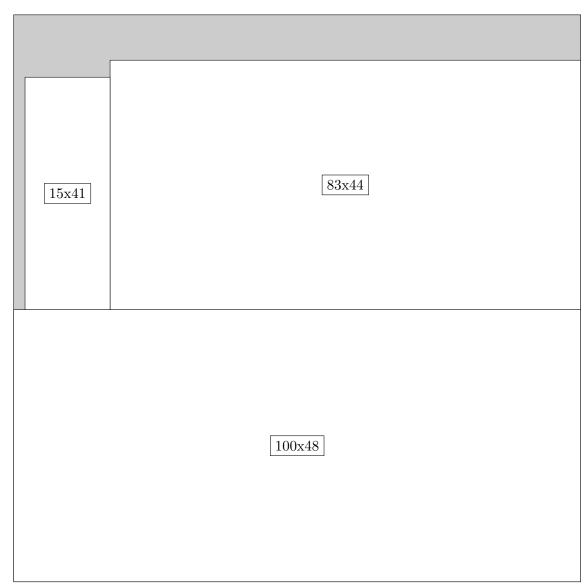
$$\le =73$$
 , h =45 , x =27 , y =0 , v =3285

$$w$$
 =73 , h =1 , x =27 , y =45 , v =73

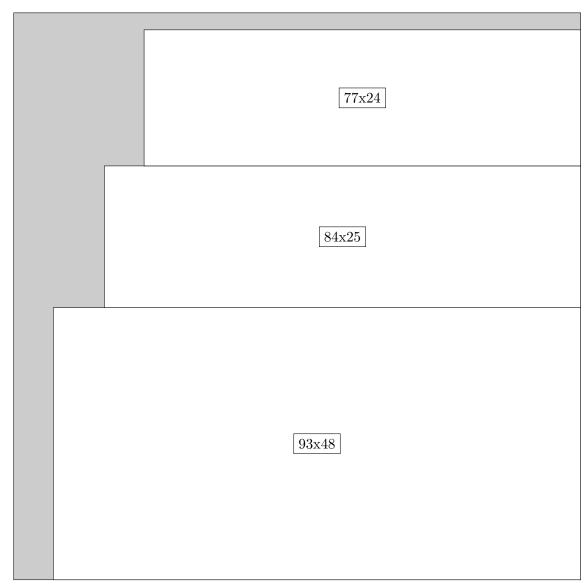
$$\le =70$$
 , h =22 , x =30 , y =46 , v =1540

$$\le =68$$
 , h =32 , x =32 , y =68 , v =2176

$$\le =22$$
 , h =67 , x =5 , y =0 , v =1474

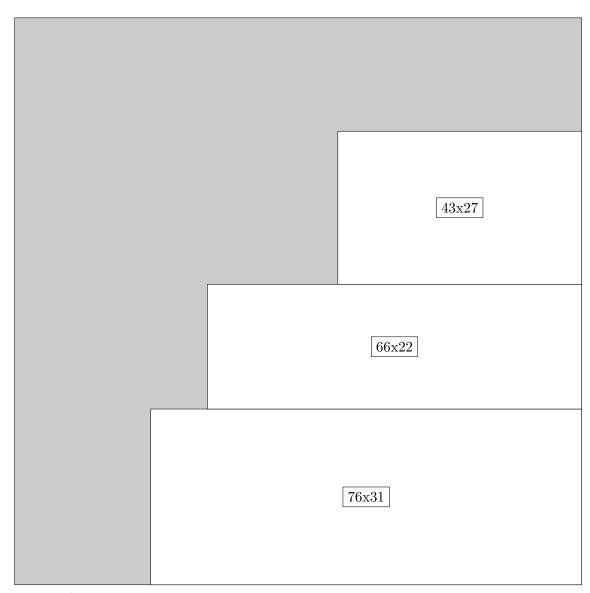


$$\begin{array}{l} w = \! 100 \ , \ h = \! 48 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4800 \\ w = \! 83 \ , \ h = \! 44 \ , \ x = \! 17 \ , \ y = \! 48 \ , \ v = \! 3652 \\ w = \! 15 \ , \ h = \! 41 \ , \ x = \! 2 \ , \ y = \! 48 \ , \ v = \! 615 \end{array}$$



$$\begin{array}{l} w = \! 93 \ , \ h = \! 48 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 4464 \\ w = \! 84 \ , \ h = \! 25 \ , \ x = \! 16 \ , \ y = \! 48 \ , \ v = \! 2100 \end{array}$$

$$\le =77$$
 , h =24 , x =23 , y =73 , v =1848



$$\le =76$$
 , h =31 , x =24 , y =0 , v =2356

$$\le =66$$
 , h =22 , x =34 , y =31 , v =1452

$$\le =43$$
 , h =27 , x =57 , y =53 , v =1161