${\bf ClassName:}\ {\bf Class_08.2bp\text{-}36}$

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>220000</u> InS: <u>189485</u> Rate: <u>0.861</u> UB: <u>22</u> LB0: <u>22</u>

LBWithCut: $\underline{22}$ NodeCut: $\underline{0}$

LB: **22**

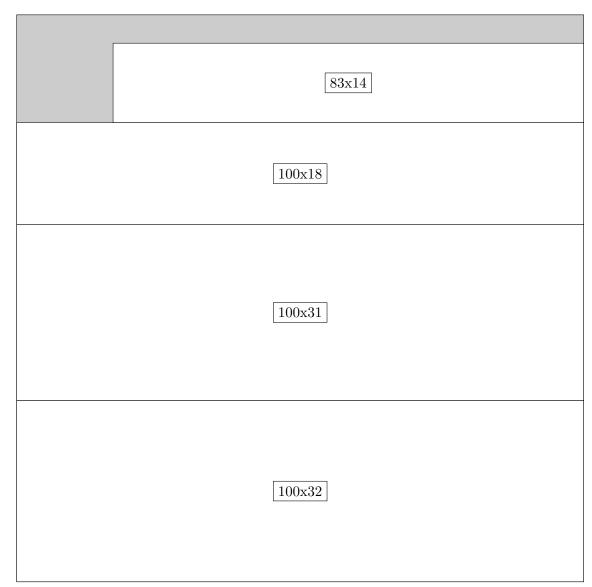
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{22}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

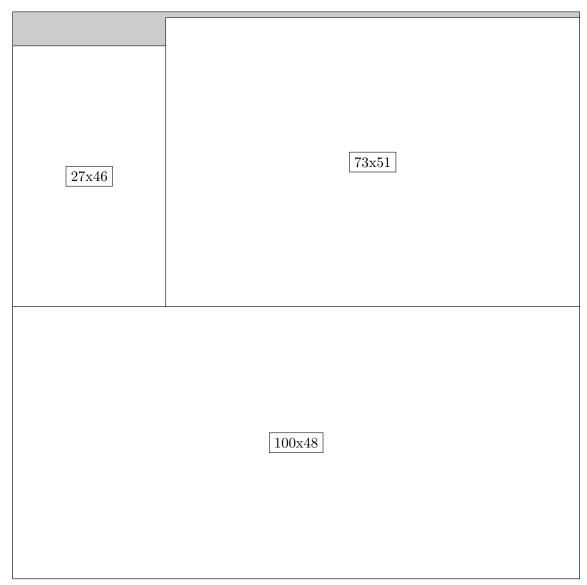
isOpt: $\underline{\mathbf{true}}$

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

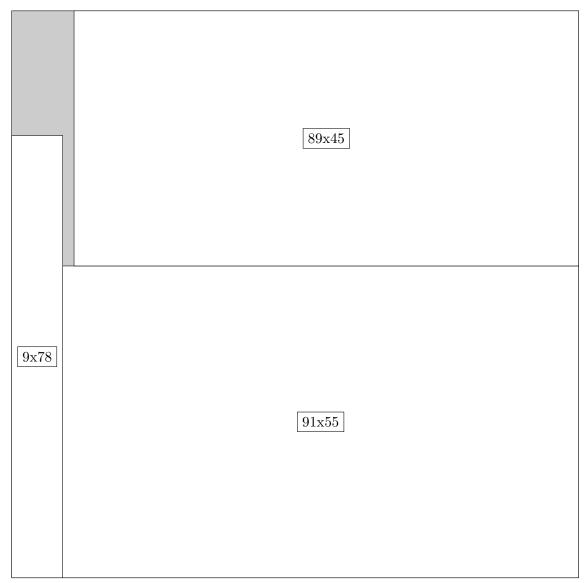
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.328 s



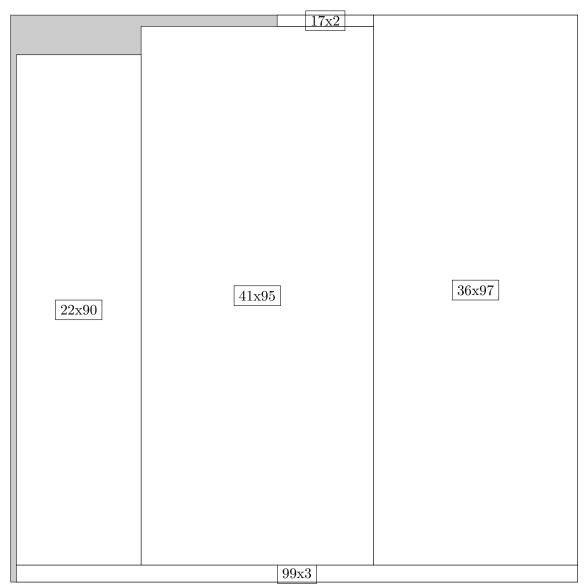
$$\begin{array}{l} w = & 100 \ , \ h = & 32 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 3200 \\ w = & 100 \ , \ h = & 31 \ , \ x = & 0 \ , \ y = & 32 \ , \ v = & 3100 \\ w = & 100 \ , \ h = & 18 \ , \ x = & 0 \ , \ y = & 63 \ , \ v = & 1800 \\ w = & 83 \ , \ h = & 14 \ , \ x = & 17 \ , \ y = & 81 \ , \ v = & 1162 \end{array}$$



 $\begin{array}{l} w = \! 100 \ , \ h = \! 48 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4800 \\ w = \! 73 \ , \ h = \! 51 \ , \ x = \! 27 \ , \ y = \! 48 \ , \ v = \! 3723 \\ w = \! 27 \ , \ h = \! 46 \ , \ x = \! 0 \ , \ y = \! 48 \ , \ v = \! 1242 \end{array}$



 $\begin{array}{l} w = \! 91 \; , \; h = \! 55 \; , \; x = \! 9 \; , \; y = \! 0 \; , \; v = \! 5005 \\ w = \! 89 \; , \; h = \! 45 \; , \; x = \! 11 \; , \; y = \! 55 \; , \; v = \! 4005 \\ w = \! 9 \; , \; h = \! 78 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 702 \end{array}$



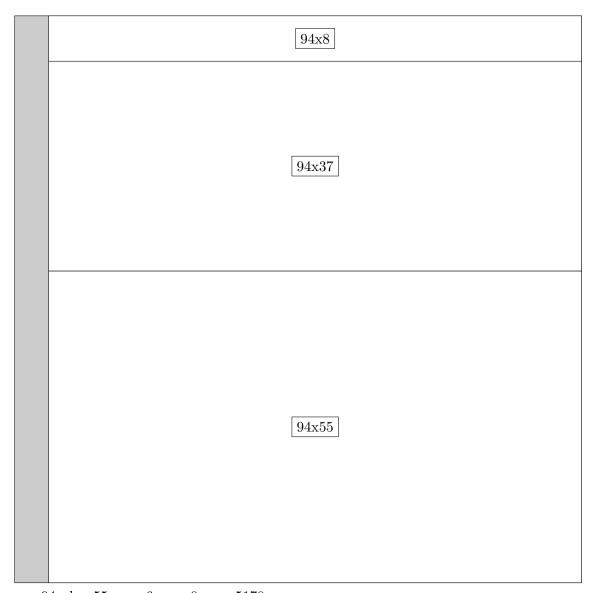
$$\le =99$$
 , h =3 , x =1 , y =0 , v =297

$$\le =36$$
 , h =97 , x =64 , y =3 , v =3492

$$w = 41$$
, $h = 95$, $x = 23$, $y = 3$, $v = 3895$

$$w$$
 =17 , h =2 , x =47 , y =98 , v =34

$$\le =22$$
 , h =90 , x =1 , y =3 , v =1980

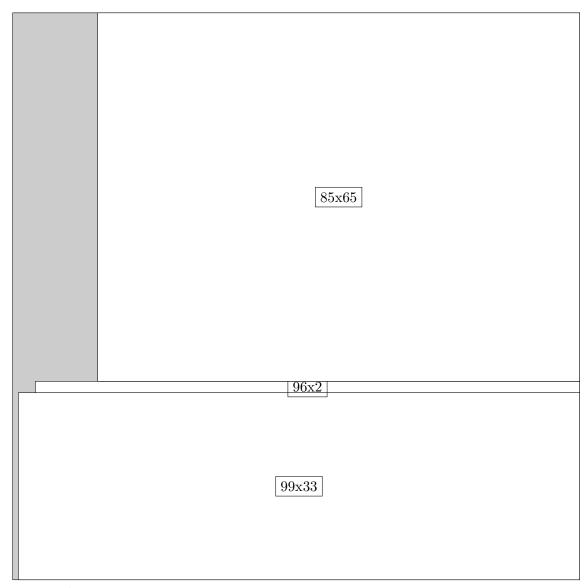


$$\begin{array}{l} w = \! 94 \ , \ h = \! 55 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 5170 \\ w = \! 94 \ , \ h = \! 37 \ , \ x = \! 6 \ , \ y = \! 55 \ , \ v = \! 3478 \end{array}$$

$$w = 94$$
, $h = 8$, $x = 6$, $y = 92$, $v = 752$



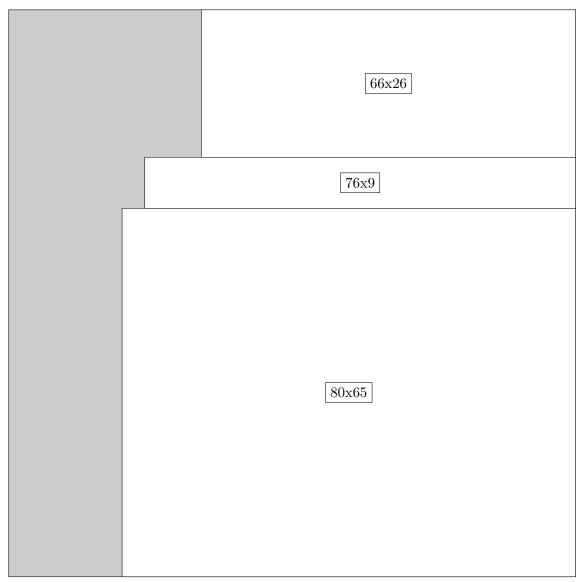
$$\begin{array}{c} w = \! 89 \; , \; h = \! 66 \; , \; x = \! 11 \; , \; y = \! 0 \; , \; v = \! 5874 \\ w = \! 85 \; , \; h = \! 33 \; , \; x = \! 15 \; , \; y = \! 66 \; , \; v = \! 2805 \end{array}$$



$$\le =99$$
 , h =33 , x =1 , y =0 , v =3267

$$\le =96$$
 , h =2 , x =4 , y =33 , v =192

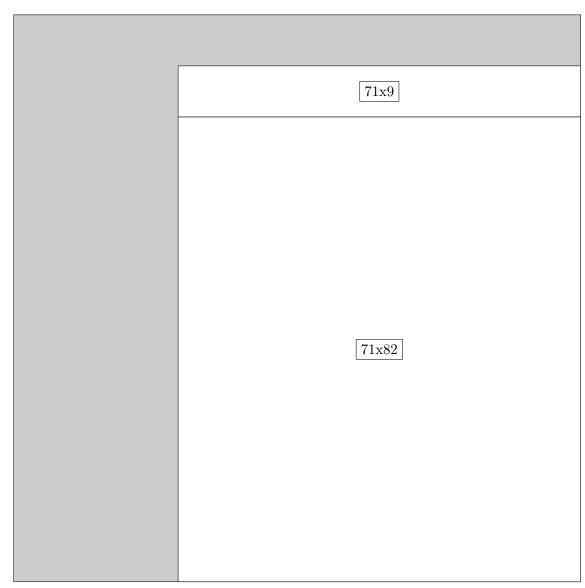
$$\le =85$$
 , h =65 , x =15 , y =35 , v =5525



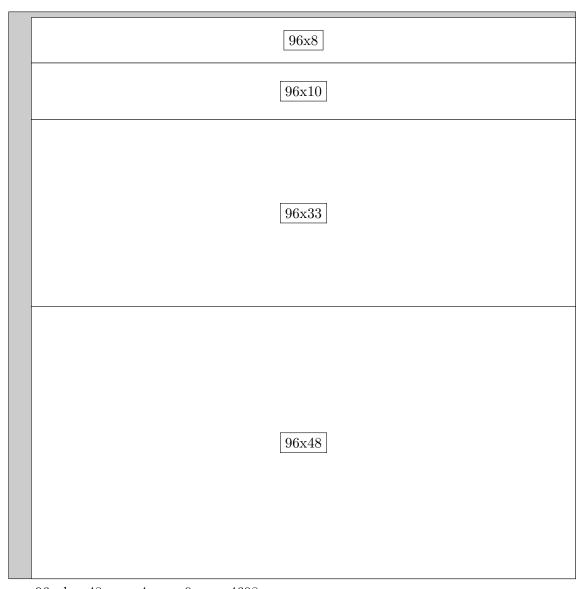
$$\le =80$$
 , h =65 , x =20 , y =0 , v =5200

$$w$$
 =76 , h =9 , x =24 , y =65 , v =684

$$\le =66$$
 , h =26 , x =34 , y =74 , v =1716



$$\begin{array}{l} w = \! 71 \ , \ h = \! 82 \ , \ x = \! 29 \ , \ y = \! 0 \ , \ v = \! 5822 \\ w = \! 71 \ , \ h = \! 9 \ , \ x = \! 29 \ , \ y = \! 82 \ , \ v = \! 639 \end{array}$$

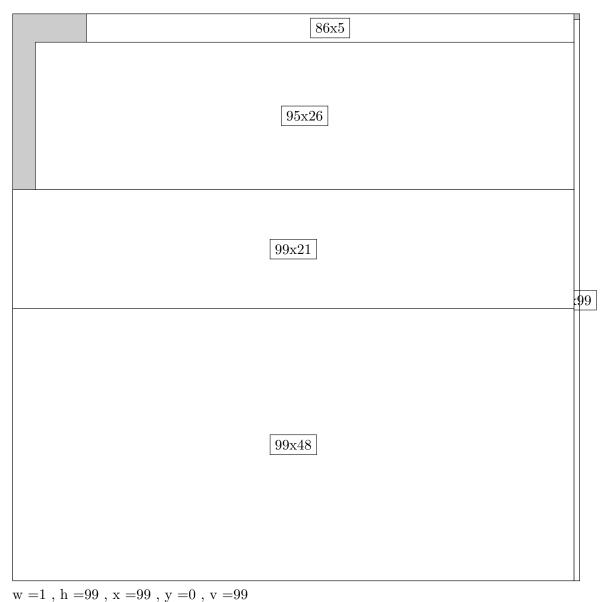


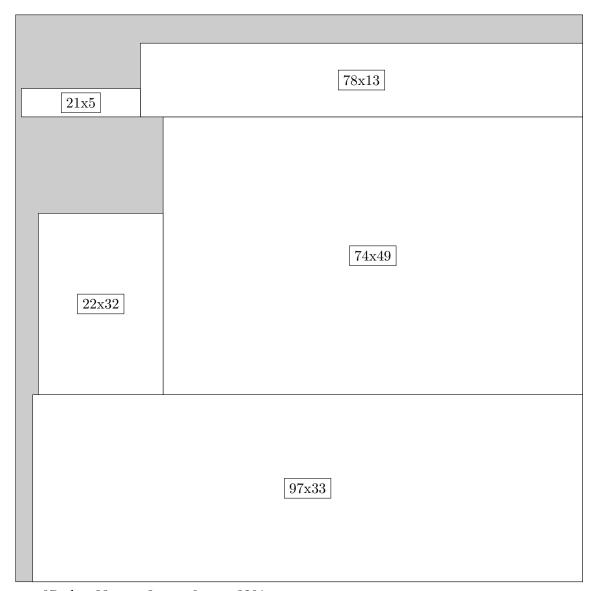
$$\le =96$$
 , h =48 , x =4 , y =0 , v =4608

$$\le =96$$
 , h =33 , x =4 , y =48 , v =3168

$$\le =96$$
 , h =10 , x =4 , y =81 , v =960

$$\le =96$$
 , h =8 , x =4 , y =91 , v =768





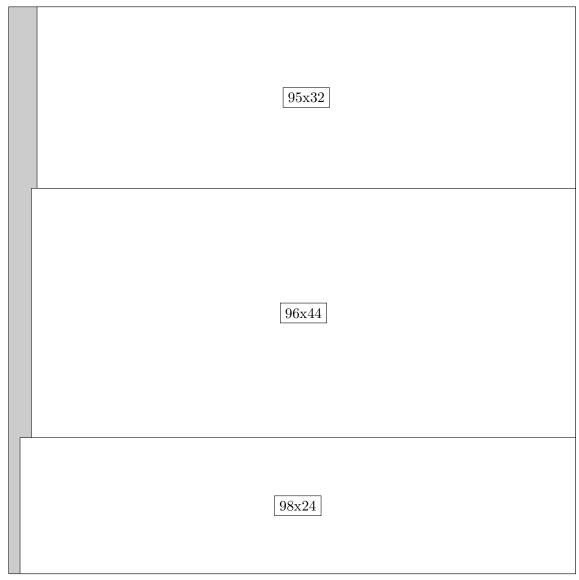
$$\le =97$$
 , h =33 , x =3 , y =0 , v =3201

$$\le =74$$
 , h =49 , x =26 , y =33 , v =3626

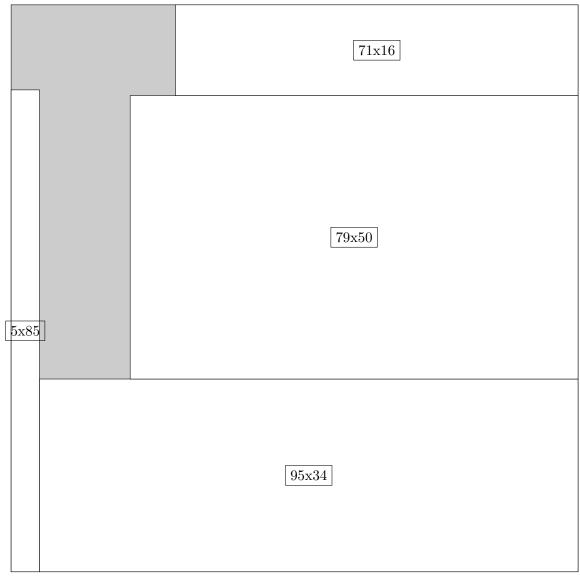
$$\le =22$$
 , h =32 , x =4 , y =33 , v =704

$$\le -78$$
 , h =13 , x =22 , y =82 , v =1014

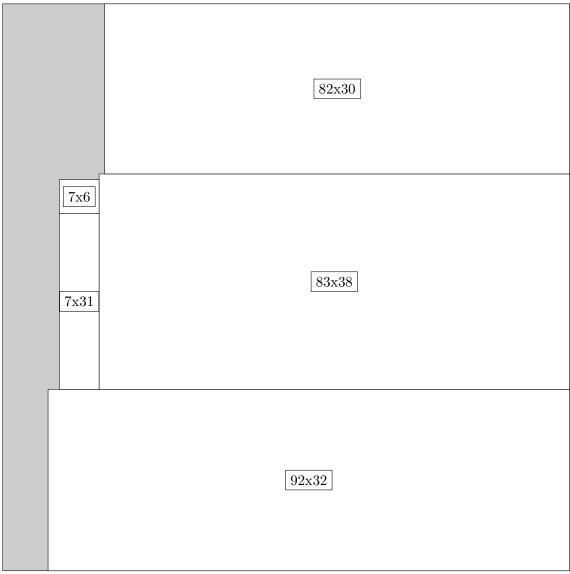
$$w = 21$$
, $h = 5$, $x = 1$, $y = 82$, $v = 105$



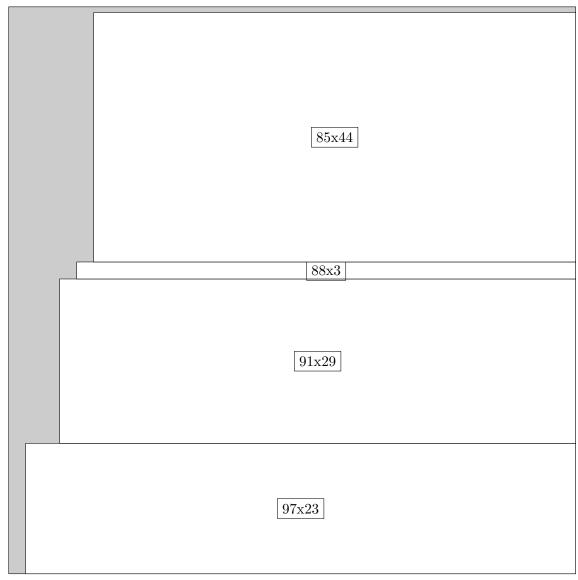
$$\begin{array}{l} w = \! 98 \ , \ h = \! 24 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 2352 \\ w = \! 96 \ , \ h = \! 44 \ , \ x = \! 4 \ , \ y = \! 24 \ , \ v = \! 4224 \\ w = \! 95 \ , \ h = \! 32 \ , \ x = \! 5 \ , \ y = \! 68 \ , \ v = \! 3040 \end{array}$$



 $\begin{array}{l} w = \!95 \ , \ h = \!34 \ , \ x = \!5 \ , \ y = \!0 \ , \ v = \!3230 \\ w = \!79 \ , \ h = \!50 \ , \ x = \!21 \ , \ y = \!34 \ , \ v = \!3950 \\ w = \!71 \ , \ h = \!16 \ , \ x = \!29 \ , \ y = \!84 \ , \ v = \!1136 \\ w = \!5 \ , \ h = \!85 \ , \ x = \!0 \ , \ y = \!0 \ , \ v = \!425 \end{array}$



$$\begin{array}{l} w = 92 \; , \; h = 32 \; , \; x = 8 \; , \; y = 0 \; , \; v = 2944 \\ w = 83 \; , \; h = 38 \; , \; x = 17 \; , \; y = 32 \; , \; v = 3154 \\ w = 7 \; , \; h = 31 \; , \; x = 10 \; , \; y = 32 \; , \; v = 217 \\ w = 7 \; , \; h = 6 \; , \; x = 10 \; , \; y = 63 \; , \; v = 42 \\ w = 82 \; , \; h = 30 \; , \; x = 18 \; , \; y = 70 \; , \; v = 2460 \end{array}$$



$$\le =97$$
 , h =23 , x =3 , y =0 , v =2231

$$\le =91$$
 , h =29 , x =9 , y =23 , v =2639

$$\le =88$$
 , h =3 , x =12 , y =52 , v =264

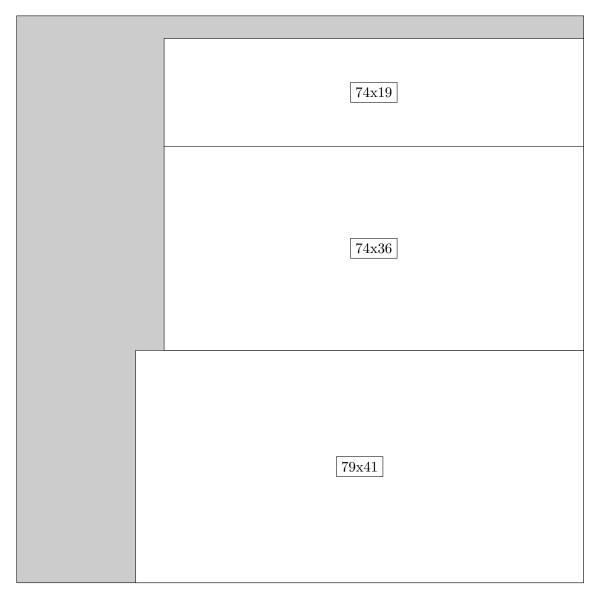
$$\le =85$$
 , h =44 , x =15 , y =55 , v =3740



$$\le =89$$
 , h =37 , x =11 , y =0 , v =3293

$$\le =81$$
 , $h=43$, $x=19$, $y=37$, $v=3483$

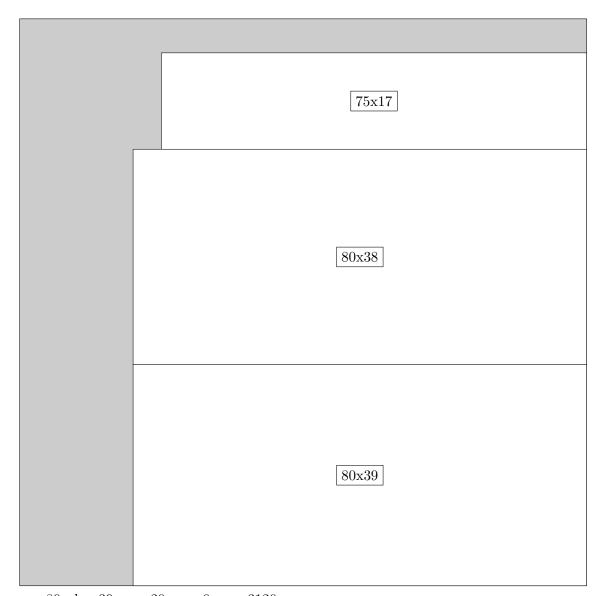
$$\le =81$$
 , h =20 , x =19 , y =80 , v =1620



$$w = 79$$
, $h = 41$, $x = 21$, $y = 0$, $v = 3239$

$$\le =74$$
 , h =36 , x =26 , y =41 , v =2664

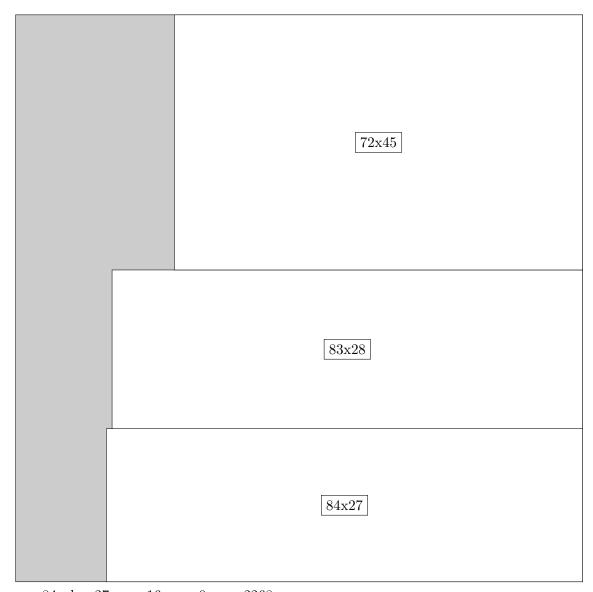
$$\le =74$$
 , h =19 , x =26 , y =77 , v =1406



$$\le =80$$
 , h =39 , x =20 , y =0 , v =3120

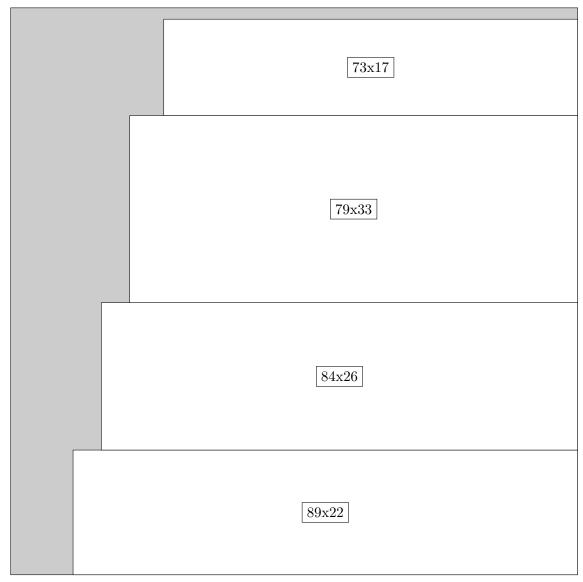
$$\le =80$$
 , h =38 , x =20 , y =39 , v =3040

$$\le =75$$
 , h =17 , x =25 , y =77 , v =1275



$$\begin{array}{l} w = \! 84 \; , \; h = \! 27 \; , \; x = \! 16 \; , \; y = \! 0 \; , \; v = \! 2268 \\ w = \! 83 \; , \; h = \! 28 \; , \; x = \! 17 \; , \; y = \! 27 \; , \; v = \! 2324 \end{array}$$

$$\le =72$$
 , h =45 , x =28 , y =55 , v =3240



$$w$$
 =89 , h =22 , x =11 , y =0 , v =1958

$$\le =84$$
 , h =26 , x =16 , y =22 , v =2184

$$\le =79$$
 , h =33 , x =21 , y =48 , v =2607

$$w$$
 =73 , h =17 , x =27 , y =81 , v =1241



$$w = 90$$
, $h = 27$, $x = 10$, $y = 0$, $v = 2430$

$$w=\!86$$
 , $h=\!11$, $x=\!14$, $y=\!27$, $v=\!946$

$$\le =80$$
 , h =15 , x =20 , y =38 , v =1200

$$w$$
 =72 , h =7 , x =28 , y =53 , v =504

$$w$$
 =50 , h =28 , x =50 , y =60 , v =1400

$$\le =18$$
 , $h=25$, $x=32$, $y=60$, $v=450$