$ClassName: \ Class_08.2bp\text{-}34$

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

TypeNum: <u>78</u> Num: <u>80</u> OutS: <u>260000</u> InS: <u>219007</u> Rate: <u>0.842</u> UB: <u>26</u> LB0: <u>26</u>

LBWithCut: $\underline{26}$ NodeCut: $\underline{0}$

LB: **26**

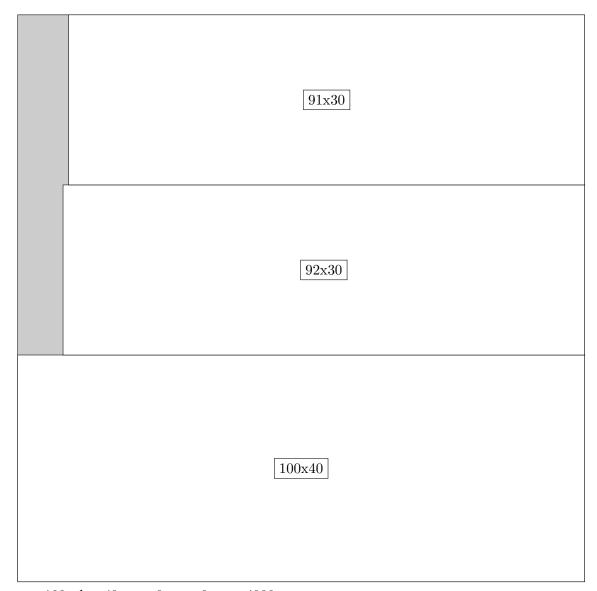
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{26}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

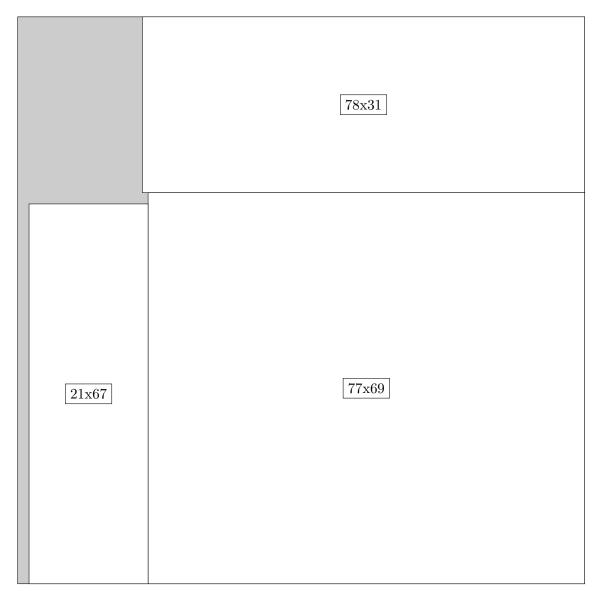
isOpt: $\underline{\mathbf{true}}$

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 600.328 s



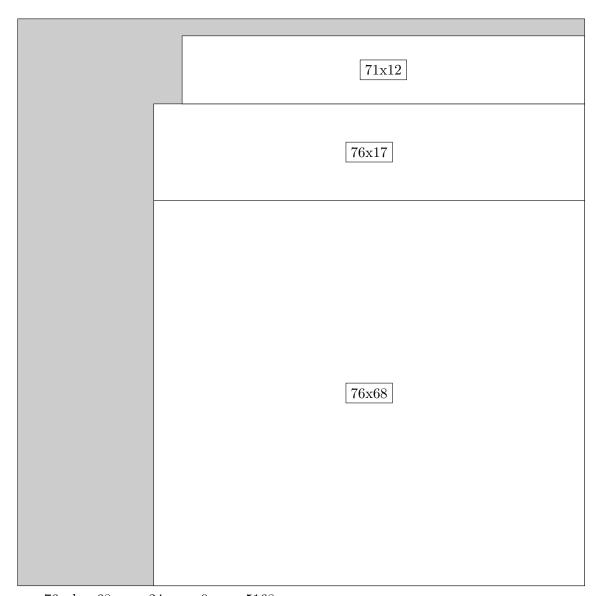
$$\begin{array}{l} w = & 100 \ , \ h = & 40 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 4000 \\ w = & 92 \ , \ h = & 30 \ , \ x = & 8 \ , \ y = & 40 \ , \ v = & 2760 \\ w = & 91 \ , \ h = & 30 \ , \ x = & 9 \ , \ y = & 70 \ , \ v = & 2730 \end{array}$$



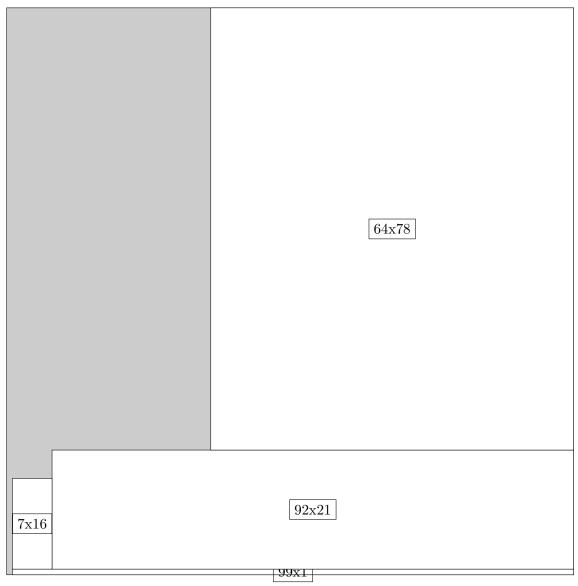
$$w$$
 =77 , h =69 , x =23 , y =0 , v =5313

$$\le =21$$
 , h =67 , x =2 , y =0 , v =1407

$$\le =78$$
 , h =31 , x =22 , y =69 , v =2418



$$w = 71$$
, $h = 12$, $x = 29$, $y = 85$, $v = 852$



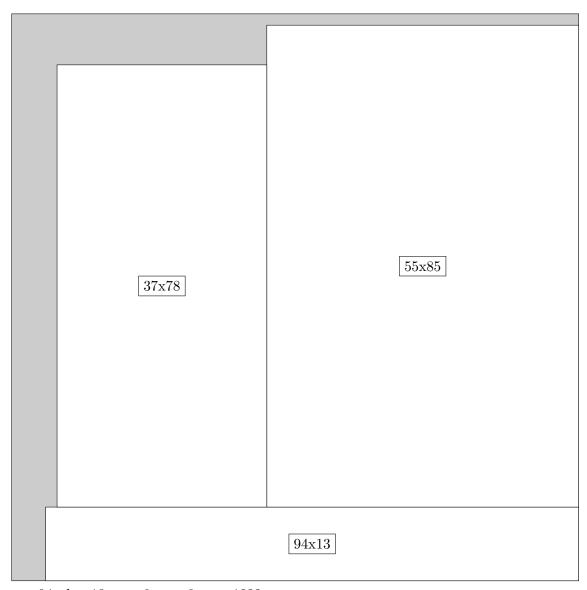
$$\begin{array}{l} w = 99 \ , \ h = 1 \ , \ x = 1 \ , \ y = 0 \ , \ v = 99 \\ w = 92 \ , \ h = 21 \ , \ x = 8 \ , \ y = 1 \ , \ v = 1932 \\ w = 7 \ , \ h = 16 \ , \ x = 1 \ , \ y = 1 \ , \ v = 112 \\ w = 64 \ , \ h = 78 \ , \ x = 36 \ , \ y = 22 \ , \ v = 4992 \end{array}$$



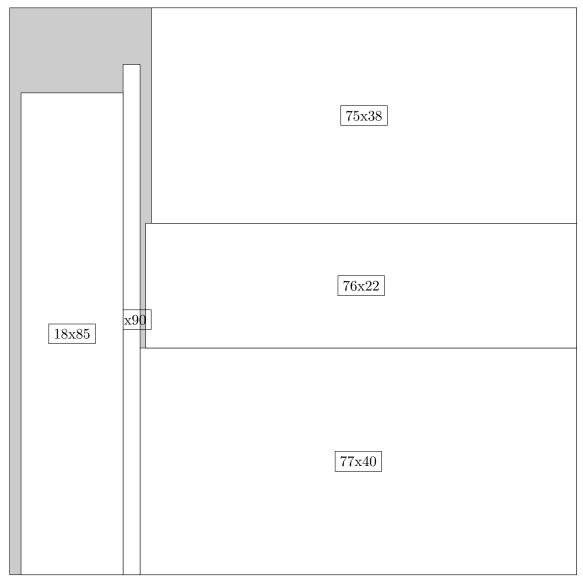
$$\le =92$$
 , h =49 , x =8 , y =0 , v =4508

$$\le =91$$
 , h =40 , x =9 , y =49 , v =3640

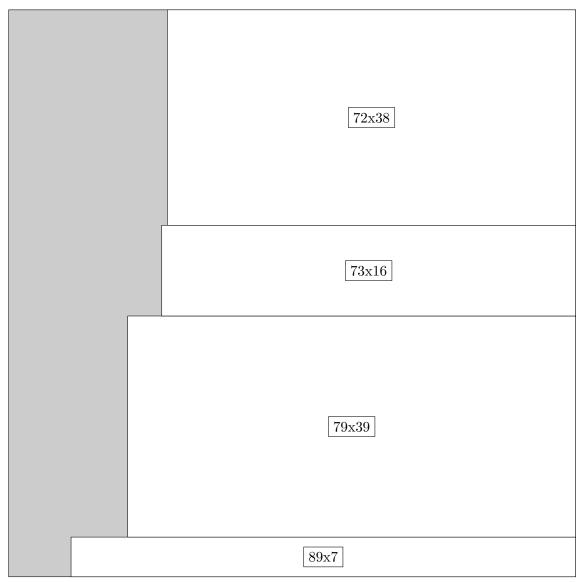
$$\le =86$$
 , h =8 , x =14 , y =89 , v =688



$$\begin{array}{l} w = \! 94 \; , \; h = \! 13 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 1222 \\ w = \! 55 \; , \; h = \! 85 \; , \; x = \! 45 \; , \; y = \! 13 \; , \; v = \! 4675 \\ w = \! 37 \; , \; h = \! 78 \; , \; x = \! 8 \; , \; y = \! 13 \; , \; v = \! 2886 \end{array}$$



$$\begin{array}{l} w = \!77 \;, \; h = \!40 \;, \; x = \!23 \;, \; y = \!0 \;, \; v = \!3080 \\ w = \!76 \;, \; h = \!22 \;, \; x = \!24 \;, \; y = \!40 \;, \; v = \!1672 \\ w = \!75 \;, \; h = \!38 \;, \; x = \!25 \;, \; y = \!62 \;, \; v = \!2850 \\ w = \!3 \;, \; h = \!90 \;, \; x = \!20 \;, \; y = \!0 \;, \; v = \!270 \\ w = \!18 \;, \; h = \!85 \;, \; x = \!2 \;, \; y = \!0 \;, \; v = \!1530 \end{array}$$

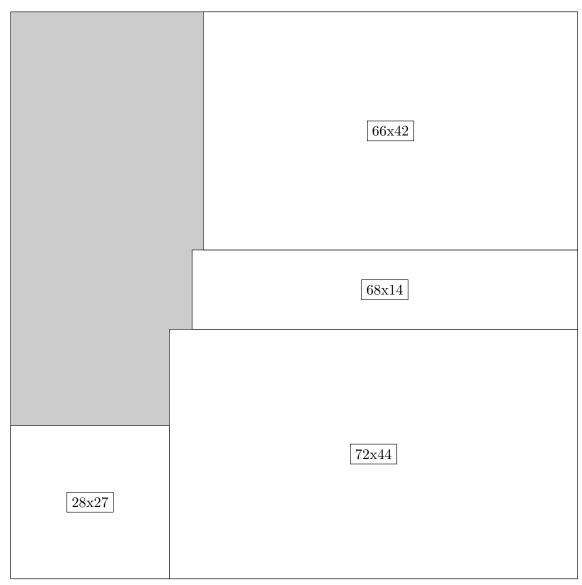


$$\le =89$$
 , h =7 , x =11 , y =0 , v =623

$$\le =79$$
 , h =39 , x =21 , y =7 , v =3081

$$\le =73$$
 , h =16 , x =27 , y =46 , v =1168

$$\le =72$$
 , h =38 , x =28 , y =62 , v =2736

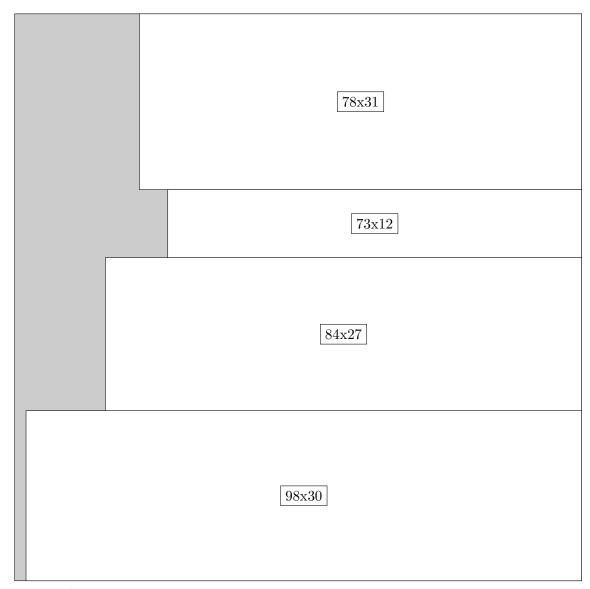


$$w = 72$$
, $h = 44$, $x = 28$, $y = 0$, $v = 3168$

$$\le =28$$
 , h =27 , x =0 , y =0 , v =756

$$\le =68$$
 , h =14 , x =32 , y =44 , v =952

$$\le =66$$
 , h =42 , x =34 , y =58 , v =2772

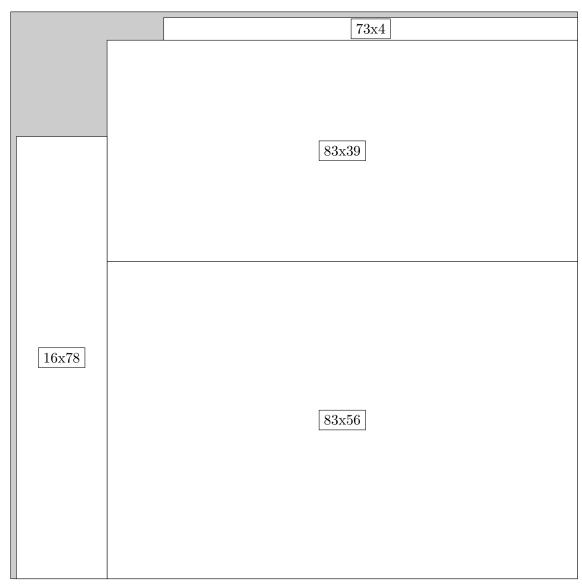


$$\le =98$$
 , h =30 , x =2 , y =0 , v =2940

$$\le =84$$
 , h =27 , x =16 , y =30 , v =2268

$$\le =73$$
 , h =12 , x =27 , y =57 , v =876

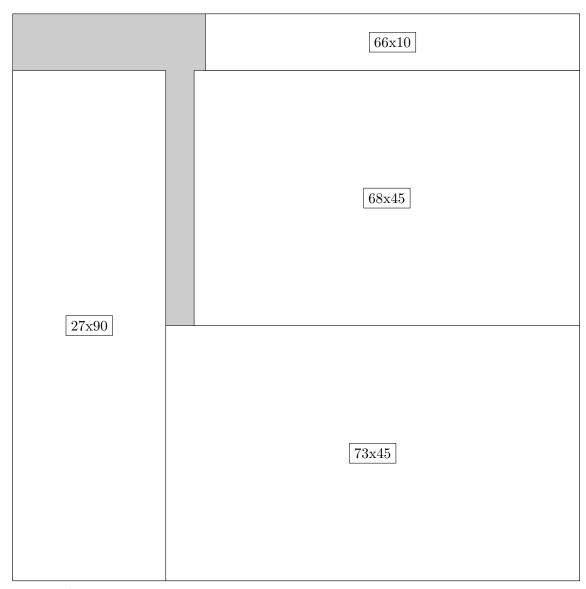
$$\le -78$$
 , h =31 , x =22 , y =69 , v =2418



 $\begin{array}{l} w = \! 83 \ , \ h = \! 56 \ , \ x = \! 17 \ , \ y = \! 0 \ , \ v = \! 4648 \\ w = \! 83 \ , \ h = \! 39 \ , \ x = \! 17 \ , \ y = \! 56 \ , \ v = \! 3237 \end{array}$

w = 73, h = 4, x = 27, y = 95, v = 292

 \mathbf{w} =16 , h =78 , x =1 , y =0 , v =1248

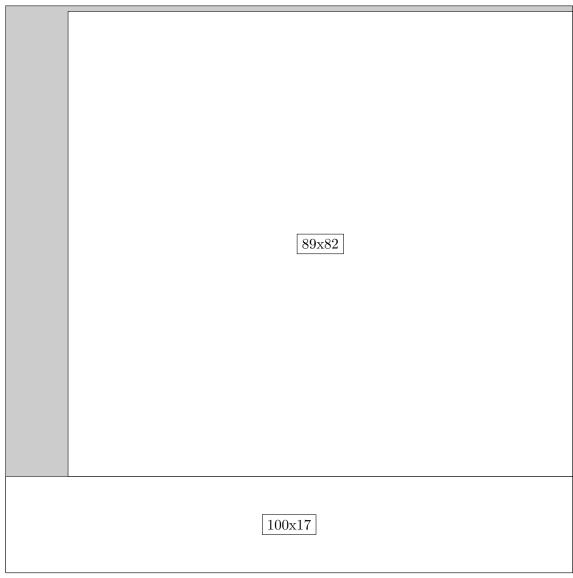


$$\le =73$$
 , h =45 , x =27 , y =0 , v =3285

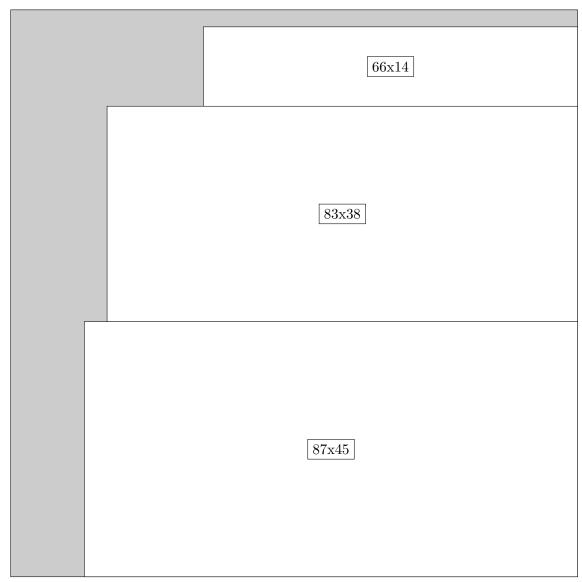
$$\le =68$$
 , h =45 , x =32 , y =45 , v =3060

$$\le =66$$
 , h =10 , x =34 , y =90 , v =660

$$\le =27$$
 , h =90 , x =0 , y =0 , v =2430



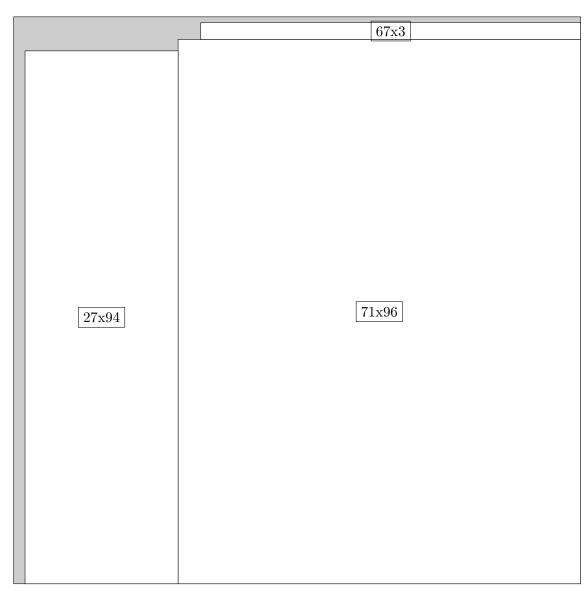
$$\begin{array}{l} w = \! 100 \ , \, h = \! 17 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 1700 \\ w = \! 89 \ , \, h = \! 82 \ , \, x = \! 11 \ , \, y = \! 17 \ , \, v = \! 7298 \end{array}$$



$$\le =87$$
 , h =45 , x =13 , y =0 , v =3915

$$\le =83$$
 , h =38 , x =17 , y =45 , v =3154

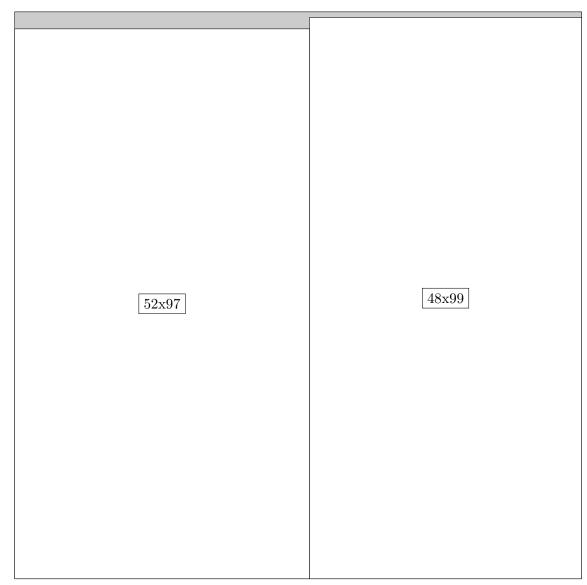
$$\le =66$$
 , h =14 , x =34 , y =83 , v =924



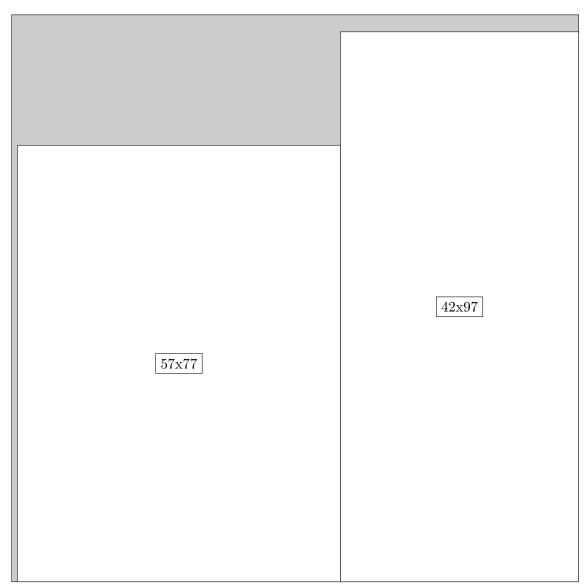
 \mathbf{w} =71 , h =96 , x =29 , y =0 , v =6816

 $\le =67$, h =3 , x =33 , y =96 , v =201

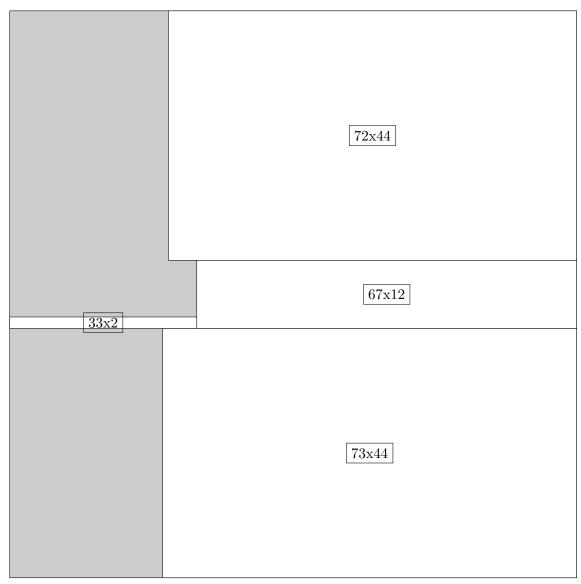
 $\le =27$, h =94 , x =2 , y =0 , v =2538



 $\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 99 \ , \ x = \!\! 52 \ , \ y = \!\! 0 \ , \ v = \!\! 4752 \\ w = \!\! 52 \ , \ h = \!\! 97 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 5044 \end{array}$



$$\begin{array}{l} w = \!\! 42 \ , \ h = \!\! 97 \ , \ x = \!\! 58 \ , \ y = \!\! 0 \ , \ v = \!\! 4074 \\ w = \!\! 57 \ , \ h = \!\! 77 \ , \ x = \!\! 1 \ , \ y = \!\! 0 \ , \ v = \!\! 4389 \end{array}$$

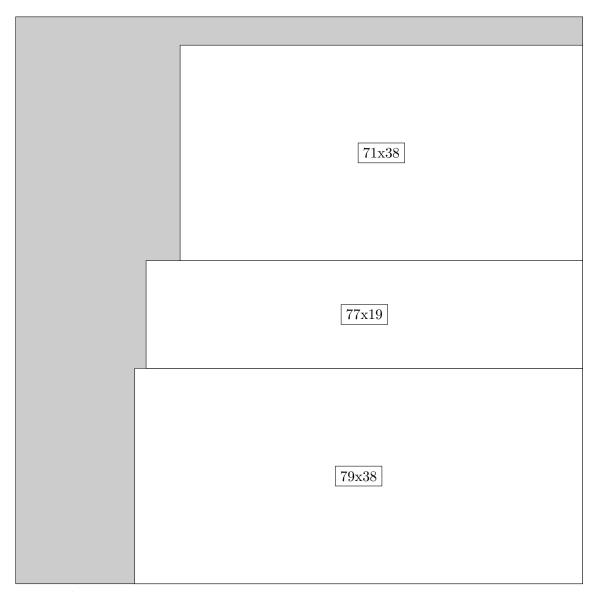


$$\le =73$$
 , h =44 , x =27 , y =0 , v =3212

$$\le =67$$
 , h =12 , x =33 , y =44 , v =804

$$\le =33$$
 , h =2 , x =0 , y =44 , v =66

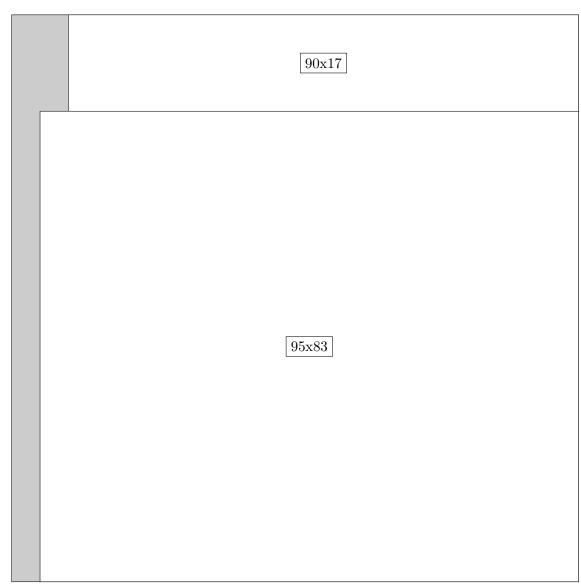
$$w$$
 =72 , h =44 , x =28 , y =56 , v =3168



$$\le =79$$
 , h =38 , x =21 , y =0 , v =3002

$$w$$
 =77 , h =19 , x =23 , y =38 , v =1463

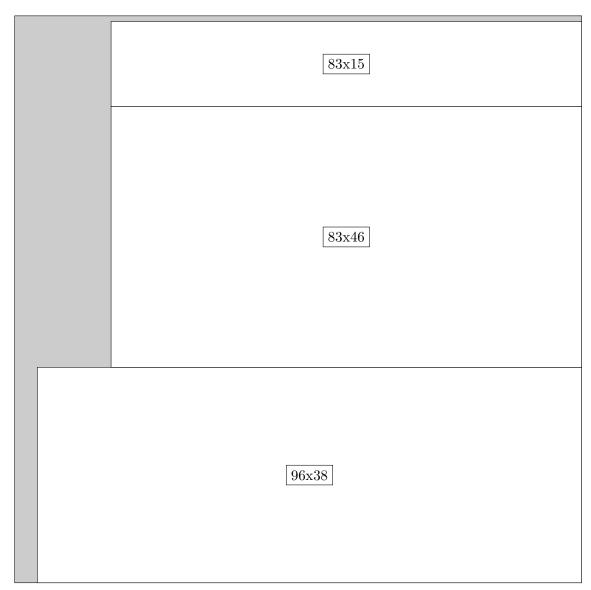
$$\le =71$$
 , h =38 , x =29 , y =57 , v =2698





$$\begin{array}{l} w = \! 80 \ , \, h = \! 43 \ , \, x = \! 20 \ , \, y = \! 0 \ , \, v = \! 3440 \\ w = \! 80 \ , \, h = \! 41 \ , \, x = \! 20 \ , \, y = \! 43 \ , \, v = \! 3280 \end{array}$$

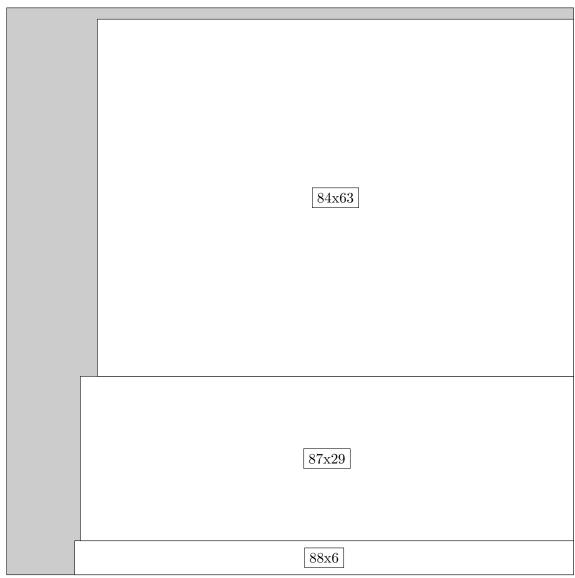




$$w = 96$$
, $h = 38$, $x = 4$, $y = 0$, $v = 3648$

$$\le =83$$
 , h =46 , x =17 , y =38 , v =3818

$$\le =83$$
 , h =15 , x =17 , y =84 , v =1245



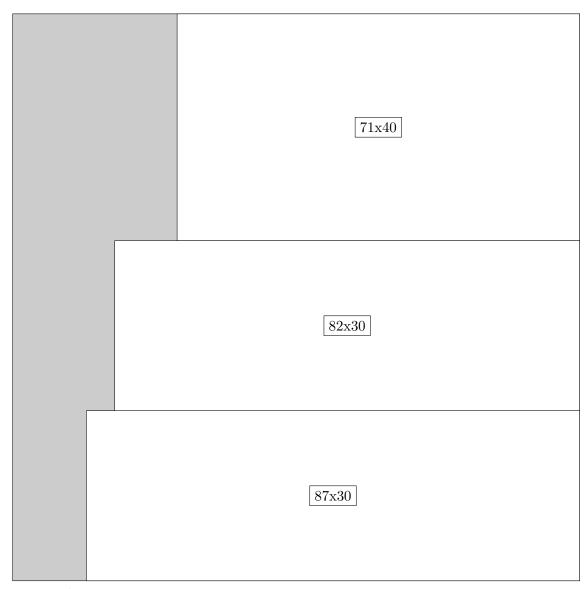
$$\le =88$$
 , h =6 , x =12 , y =0 , v =528

$$\le =87$$
 , h =29 , x =13 , y =6 , v =2523

$$\le =84$$
 , h =63 , x =16 , y =35 , v =5292



$$\begin{array}{l} w = \! 70 \ , \, h = \! 46 \ , \, x = \! 30 \ , \, y = \! 0 \ , \, v = \! 3220 \\ w = \! 69 \ , \, h = \! 49 \ , \, x = \! 31 \ , \, y = \! 46 \ , \, v = \! 3381 \end{array}$$



$$\le =87$$
 , h =30 , x =13 , y =0 , v =2610

$$\le =82$$
 , h =30 , x =18 , y =30 , v =2460

$$\le =71$$
 , h =40 , x =29 , y =60 , v =2840