${\bf ClassName:}~{\bf Class_08.2bp\text{-}39}$

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

TypeNum: <u>79</u>
Num: <u>80</u>
OutS: <u>240000</u>
InS: <u>208285</u>
Rate: <u>0.868</u>
UB: <u>24</u>
LB0: <u>24</u>
LB: <u>24</u>

LBWithCut: $\underline{\mathbf{24}}$ NodeCut: $\underline{\mathbf{0}}$

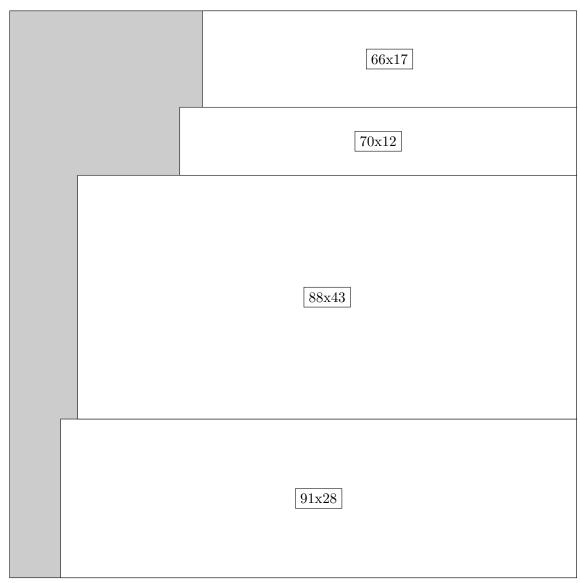
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{24}}$ 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: 0.047 sTotalTime: 600.344 s

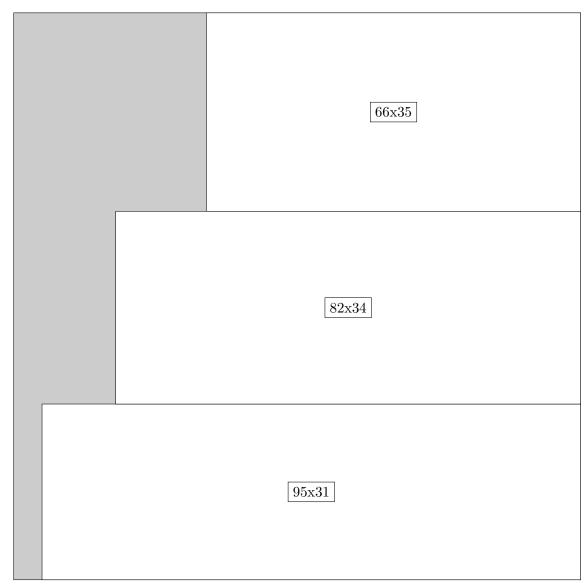


$$\le =91$$
 , h =28 , x =9 , y =0 , v =2548

$$\le =88$$
 , h =43 , x =12 , y =28 , v =3784

$$\le =70$$
 , h =12 , x =30 , y =71 , v =840

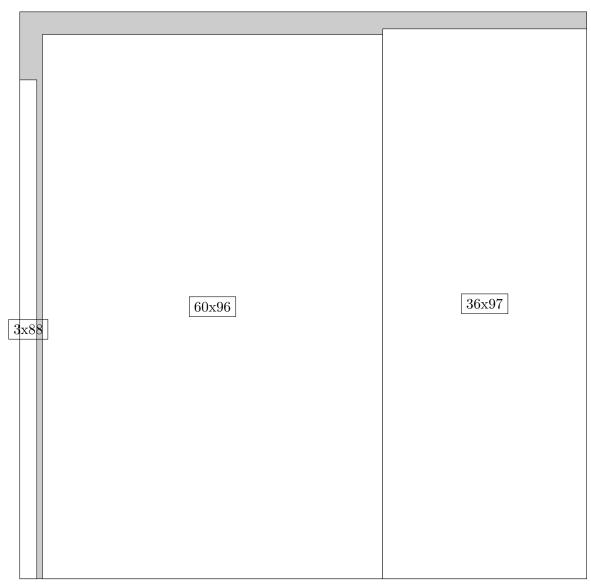
$$\le =66$$
 , $h=17$, $x=34$, $y=83$, $v=1122$



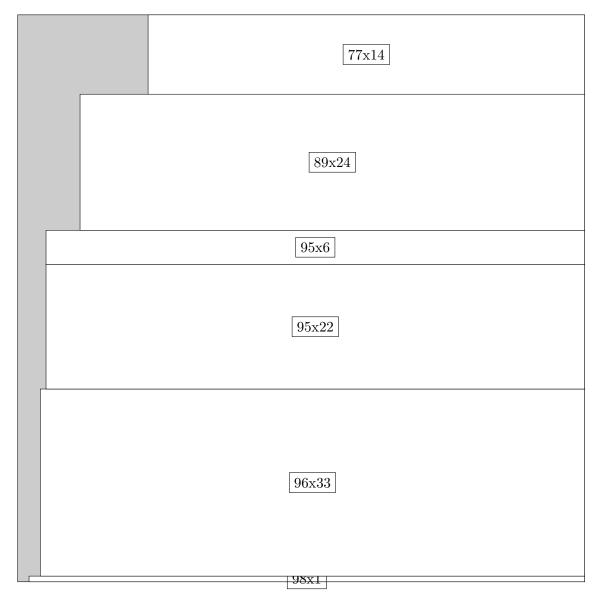
$$\le 95$$
 , h =31 , x =5 , y =0 , v =2945

$$\le =82$$
 , h =34 , x =18 , y =31 , v =2788

$$\le =66$$
 , h =35 , x =34 , y =65 , v =2310



 $\begin{array}{l} w = \!\! 36 \ , \ h = \!\! 97 \ , \ x = \!\! 64 \ , \ y = \!\! 0 \ , \ v = \!\! 3492 \\ w = \!\! 60 \ , \ h = \!\! 96 \ , \ x = \!\! 4 \ , \ y = \!\! 0 \ , \ v = \!\! 5760 \\ w = \!\! 3 \ , \ h = \!\! 88 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 264 \end{array}$



$$w=98$$
 , $h=1$, $x=2$, $y=0$, $v=98$

$$\le =96$$
 , h =33 , x =4 , y =1 , v =3168

$$\le =95$$
 , h =22 , x =5 , y =34 , v =2090

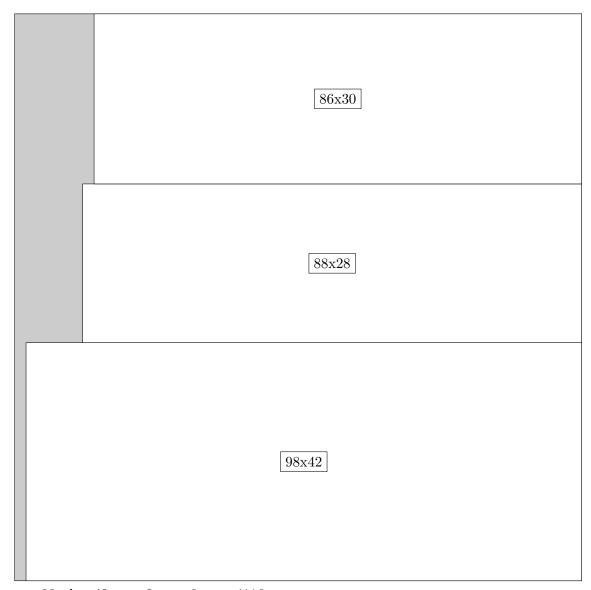
$$\le =95$$
 , h =6 , x =5 , y =56 , v =570

$$w$$
 =89 , h =24 , x =11 , y =62 , v =2136

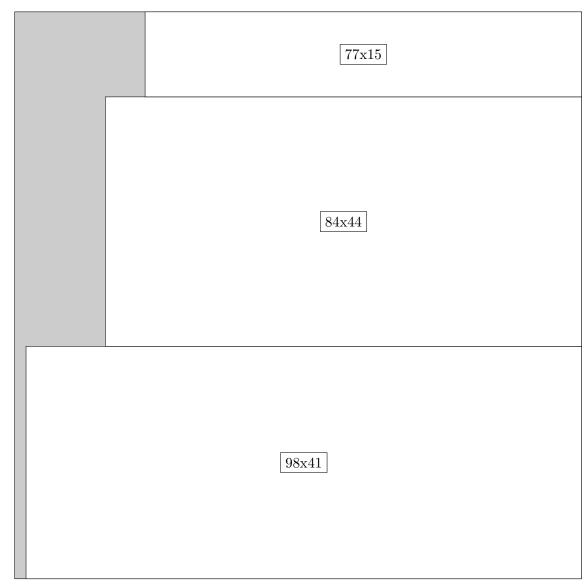
$$w$$
 =77 , h =14 , x =23 , y =86 , v =1078



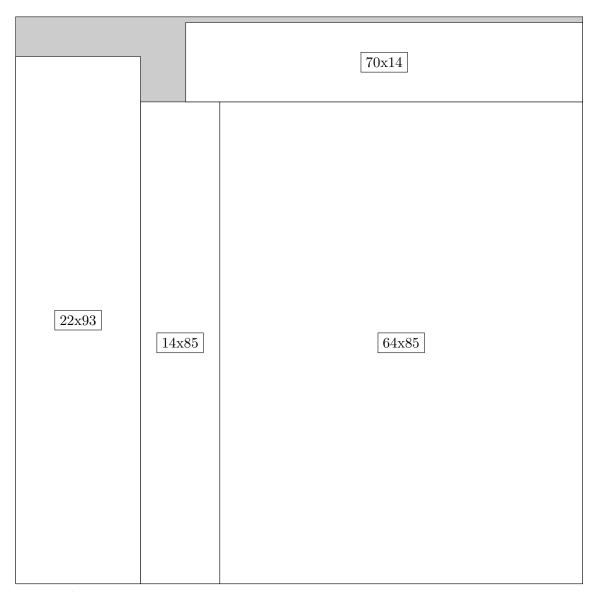
$$\begin{array}{l} w = \! 84 \ , \, h = \! 46 \ , \, x = \! 16 \ , \, y = \! 0 \ , \, v = \! 3864 \\ w = \! 82 \ , \, h = \! 47 \ , \, x = \! 18 \ , \, y = \! 46 \ , \, v = \! 3854 \end{array}$$



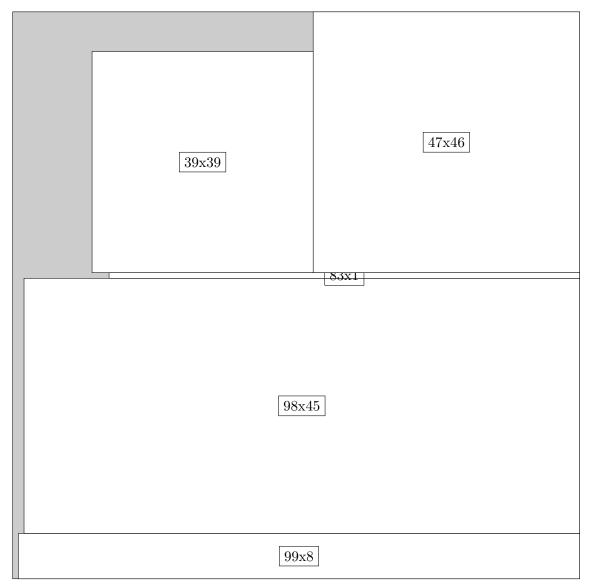
$$\begin{array}{l} w = \! 98 \ , \ h = \! 42 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 4116 \\ w = \! 88 \ , \ h = \! 28 \ , \ x = \! 12 \ , \ y = \! 42 \ , \ v = \! 2464 \\ w = \! 86 \ , \ h = \! 30 \ , \ x = \! 14 \ , \ y = \! 70 \ , \ v = \! 2580 \end{array}$$



$$\begin{array}{l} w = \! 98 \ , \ h = \! 41 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 4018 \\ w = \! 84 \ , \ h = \! 44 \ , \ x = \! 16 \ , \ y = \! 41 \ , \ v = \! 3696 \\ w = \! 77 \ , \ h = \! 15 \ , \ x = \! 23 \ , \ y = \! 85 \ , \ v = \! 1155 \end{array}$$



 $\begin{array}{l} w = \!64 \; , \; h = \!85 \; , \; x = \!36 \; , \; y = \!0 \; , \; v = \!5440 \\ w = \!14 \; , \; h = \!85 \; , \; x = \!22 \; , \; y = \!0 \; , \; v = \!1190 \\ w = \!70 \; , \; h = \!14 \; , \; x = \!30 \; , \; y = \!85 \; , \; v = \!980 \\ w = \!22 \; , \; h = \!93 \; , \; x = \!0 \; , \; y = \!0 \; , \; v = \!2046 \end{array}$



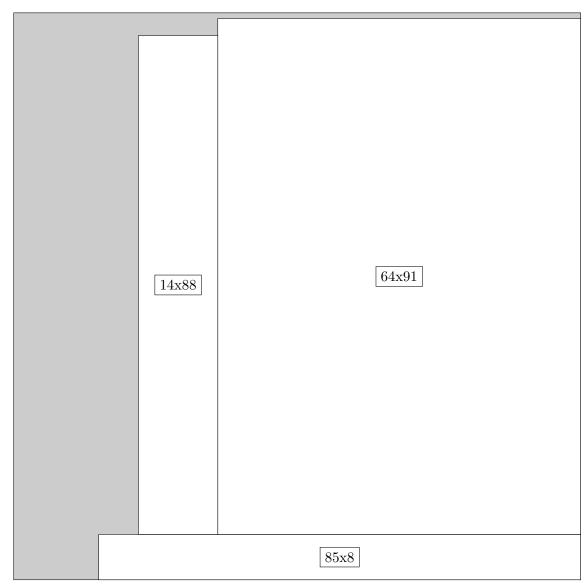
$$\le =99$$
 , h =8 , x =1 , y =0 , v =792

$$\le =98$$
 , h =45 , x =2 , y =8 , v =4410

$$\le =83$$
 , h =1 , x =17 , y =53 , v =83

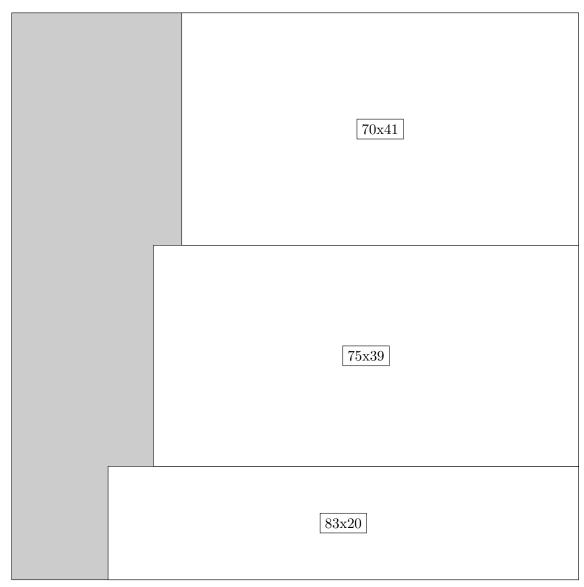
$$\le =47$$
 , h =46 , x =53 , y =54 , v =2162

$$\le =39$$
 , h =39 , x =14 , y =54 , v =1521



 $\begin{array}{l} w = \! 85 \ , \ h = \! 8 \ , \ x = \! 15 \ , \ y = \! 0 \ , \ v = \! 680 \\ w = \! 64 \ , \ h = \! 91 \ , \ x = \! 36 \ , \ y = \! 8 \ , \ v = \! 5824 \end{array}$

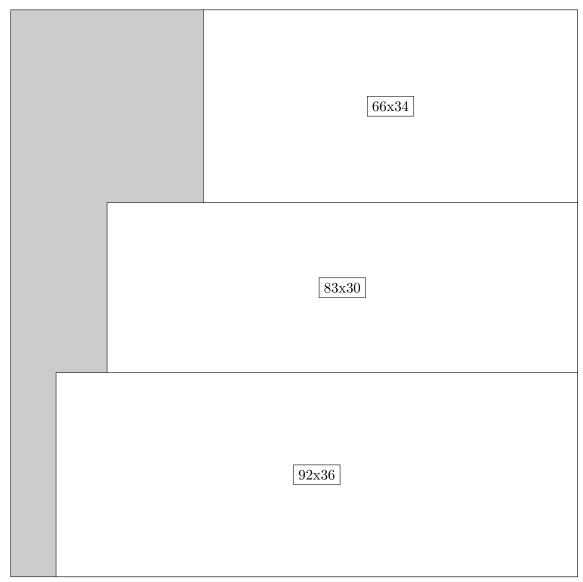
 \mathbf{w} =14 , h =88 , x =22 , y =8 , v =1232



$$\le = 83$$
 , $h = 20$, $x = 17$, $y = 0$, $v = 1660$

$$\le =75$$
 , h =39 , x =25 , y =20 , v =2925

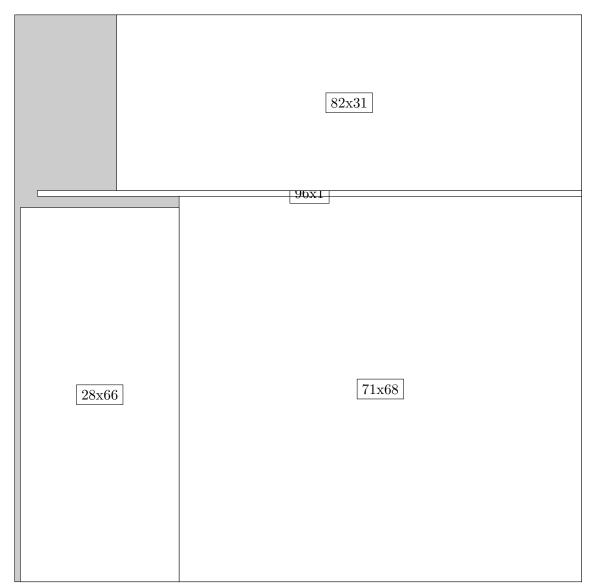
$$\le =70$$
 , h =41 , x =30 , y =59 , v =2870



$$\le =92$$
 , h =36 , x =8 , y =0 , v =3312

$$\le =83$$
 , h =30 , x =17 , y =36 , v =2490

$$\le =66$$
 , h =34 , x =34 , y =66 , v =2244

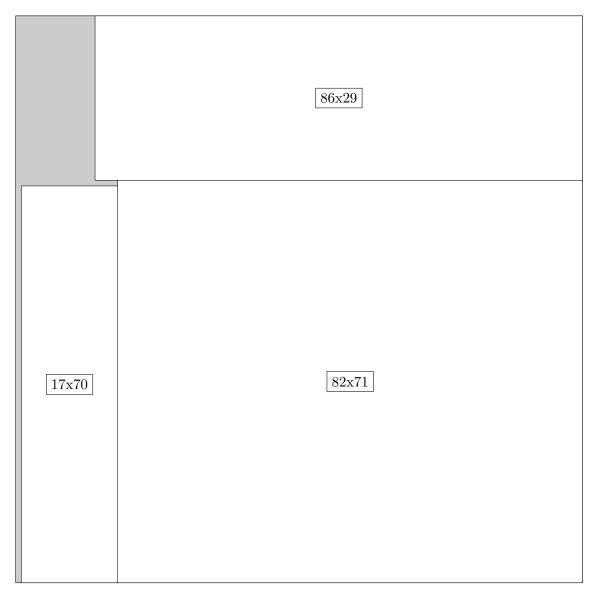


$$\le =71$$
 , h =68 , x =29 , y =0 , v =4828

$$\le =28$$
 , h =66 , x =1 , y =0 , v =1848

$$\le =96$$
 , h =1 , x =4 , y =68 , v =96

$$\le =82$$
 , h =31 , x =18 , y =69 , v =2542



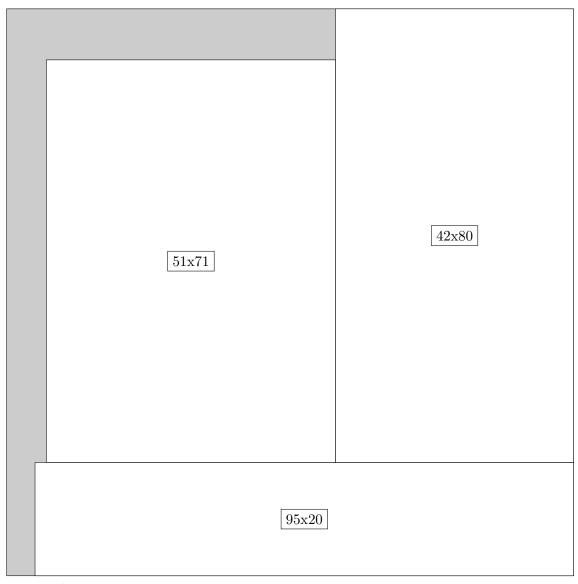
$$w$$
 =82 , h =71 , x =18 , y =0 , v =5822

$$\mathbf{w}$$
 =17 , \mathbf{h} =70 , \mathbf{x} =1 , \mathbf{y} =0 , \mathbf{v} =1190

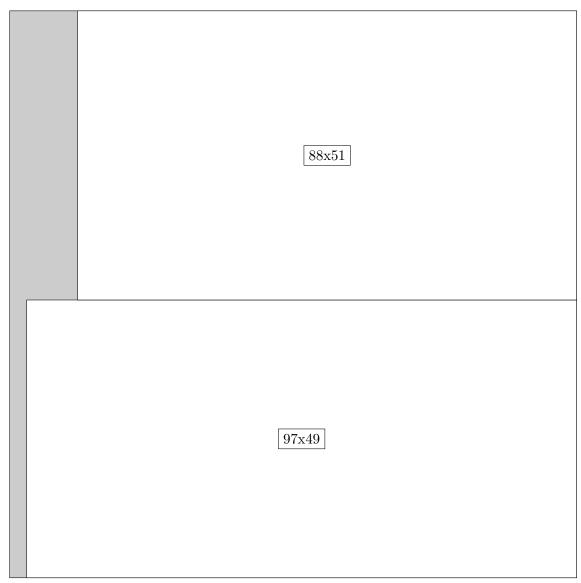
$$\le =86$$
 , h =29 , x =14 , y =71 , v =2494



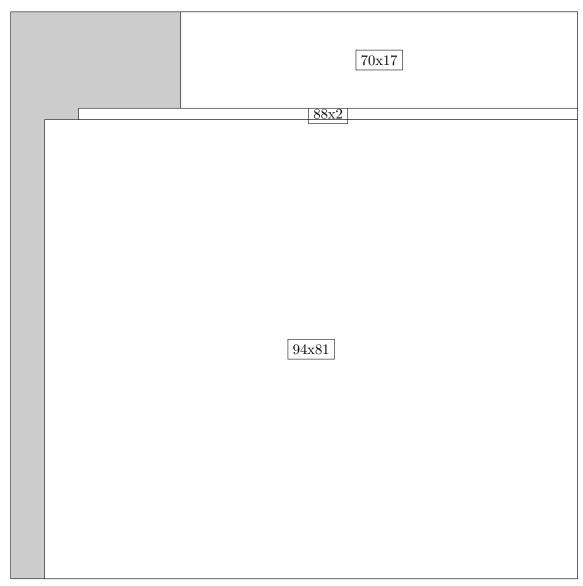
$$\begin{array}{l} w = \! 87 \; , \; h = \! 48 \; , \; x = \! 13 \; , \; y = \! 0 \; , \; v = \! 4176 \\ w = \! 78 \; , \; h = \! 52 \; , \; x = \! 22 \; , \; y = \! 48 \; , \; v = \! 4056 \end{array}$$



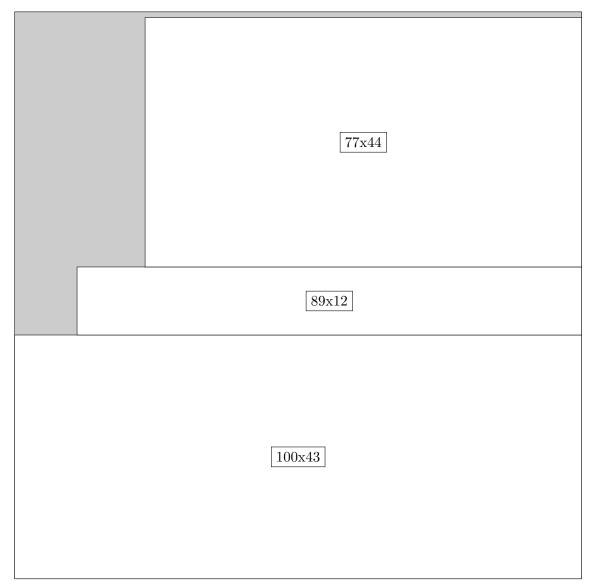
$$\begin{array}{l} w = \! 95 \ , \ h = \! 20 \ , \ x = \! 5 \ , \ y = \! 0 \ , \ v = \! 1900 \\ w = \! 42 \ , \ h = \! 80 \ , \ x = \! 58 \ , \ y = \! 20 \ , \ v = \! 3360 \\ w = \! 51 \ , \ h = \! 71 \ , \ x = \! 7 \ , \ y = \! 20 \ , \ v = \! 3621 \end{array}$$



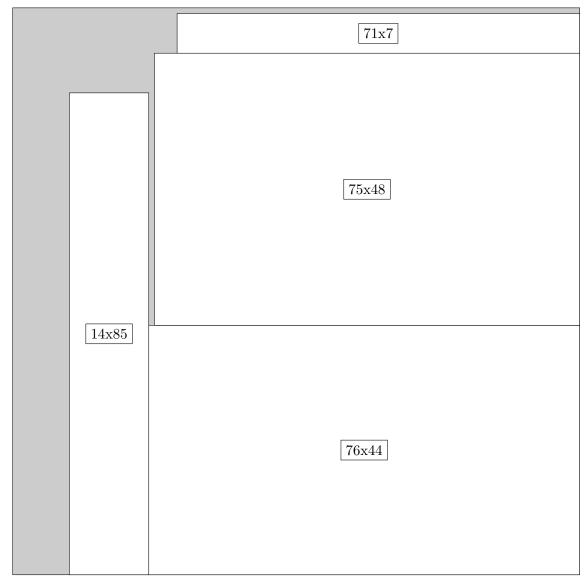
$$\begin{array}{l} w = \! 97 \ , \ h = \! 49 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 4753 \\ w = \! 88 \ , \ h = \! 51 \ , \ x = \! 12 \ , \ y = \! 49 \ , \ v = \! 4488 \end{array}$$

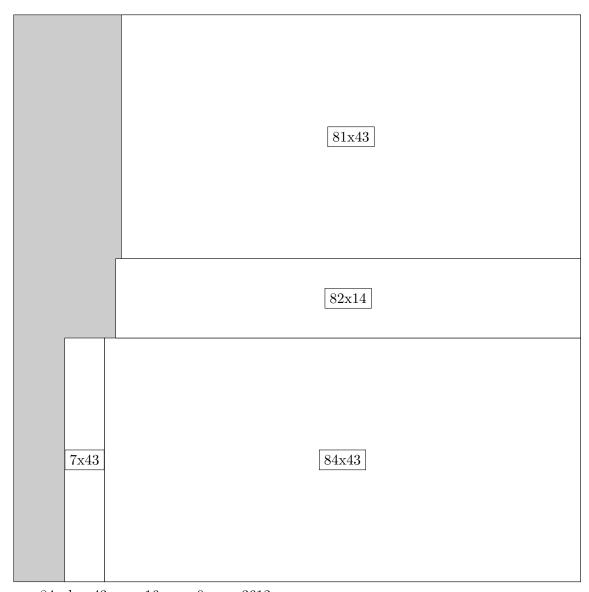


$$\begin{array}{l} w = \! 94 \; , \; h = \! 81 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 7614 \\ w = \! 88 \; , \; h = \! 2 \; , \; x = \! 12 \; , \; y = \! 81 \; , \; v = \! 176 \\ w = \! 70 \; , \; h = \! 17 \; , \; x = \! 30 \; , \; y = \! 83 \; , \; v = \! 1190 \end{array}$$



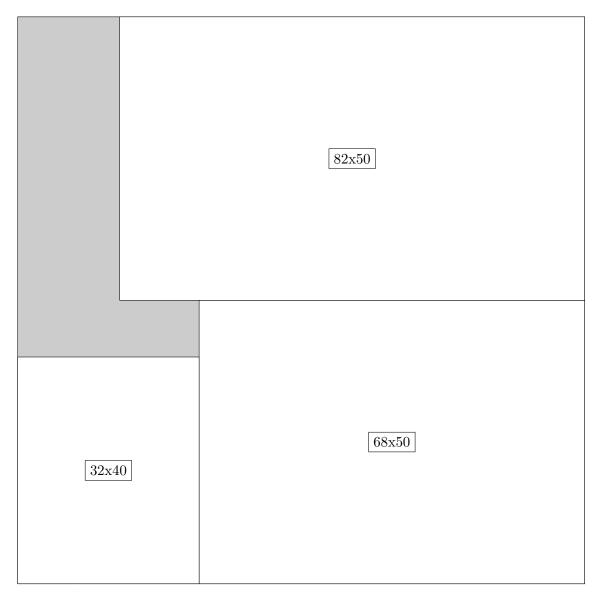
$$\begin{array}{l} w = \! 100 \ , \ h = \! 43 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4300 \\ w = \! 89 \ , \ h = \! 12 \ , \ x = \! 11 \ , \ y = \! 43 \ , \ v = \! 1068 \\ w = \! 77 \ , \ h = \! 44 \ , \ x = \! 23 \ , \ y = \! 55 \ , \ v = \! 3388 \end{array}$$





 $\begin{array}{l} w = \! 84 \; , \; h = \! 43 \; , \; x = \! 16 \; , \; y = \! 0 \; , \; v = \! 3612 \\ w = \! 7 \; , \; h = \! 43 \; , \; x = \! 9 \; , \; y = \! 0 \; , \; v = \! 301 \\ w = \! 82 \; , \; h = \! 14 \; , \; x = \! 18 \; , \; y = \! 43 \; , \; v = \! 1148 \end{array}$

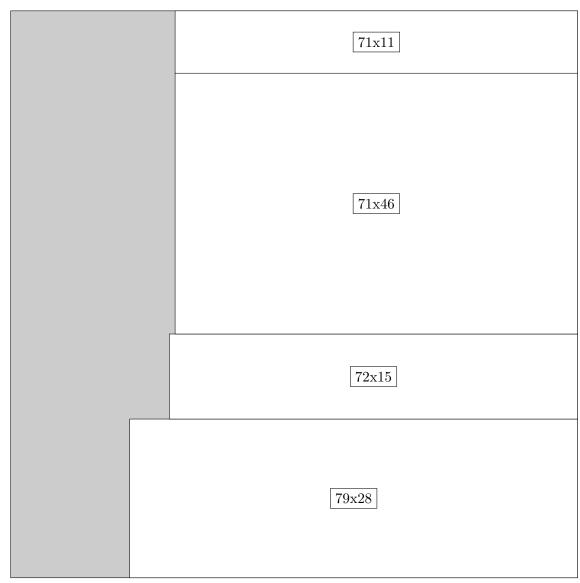
 $\le =81$, h=43 , x=19 , y=57 , v=3483



$$\le =68$$
 , h =50 , x =32 , y =0 , v =3400

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

$$\le =82$$
 , h =50 , x =18 , y =50 , v =4100

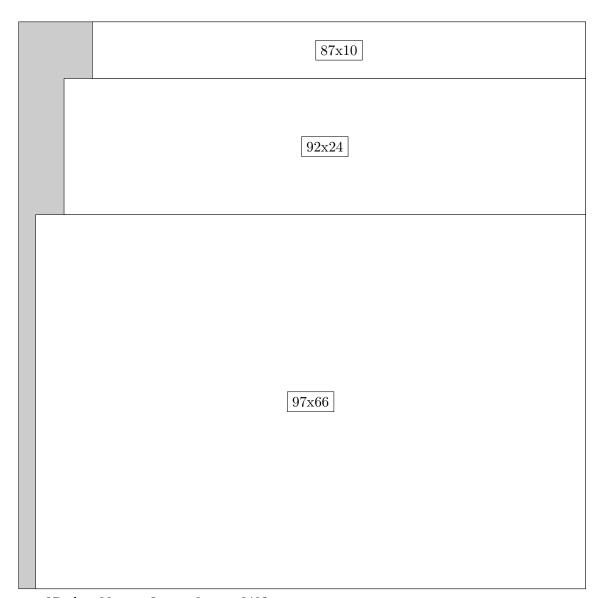


$$w = 79$$
, $h = 28$, $x = 21$, $y = 0$, $v = 2212$

$$\le =72$$
 , h =15 , x =28 , y =28 , v =1080

$$\le =71$$
 , h =46 , x =29 , y =43 , v =3266

$$w$$
 =71 , h =11 , x =29 , y =89 , v =781



$$\begin{array}{l} w = \! 97 \ , \ h = \! 66 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 6402 \\ w = \! 92 \ , \ h = \! 24 \ , \ x = \! 8 \ , \ y = \! 66 \ , \ v = \! 2208 \\ w = \! 87 \ , \ h = \! 10 \ , \ x = \! 13 \ , \ y = \! 90 \ , \ v = \! 870 \end{array}$$