${\bf ClassName:}\ {\bf Class_08.2bp\text{-}35}$

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

TypeNum: <u>79</u>
Num: <u>80</u>
OutS: <u>220000</u>
InS: <u>187151</u>
Rate: <u>0.851</u>
UB: <u>22</u>
LB0: <u>22</u>

LB0: **22** LB: **22**

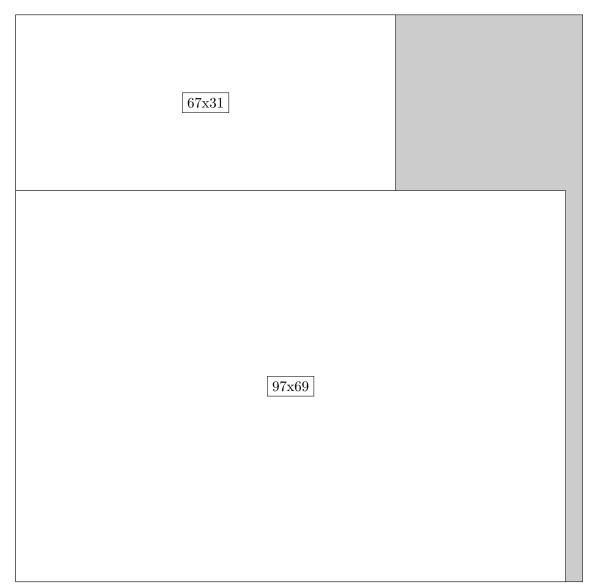
LBWithCut: $\underline{22}$ NodeCut: $\underline{0}$

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

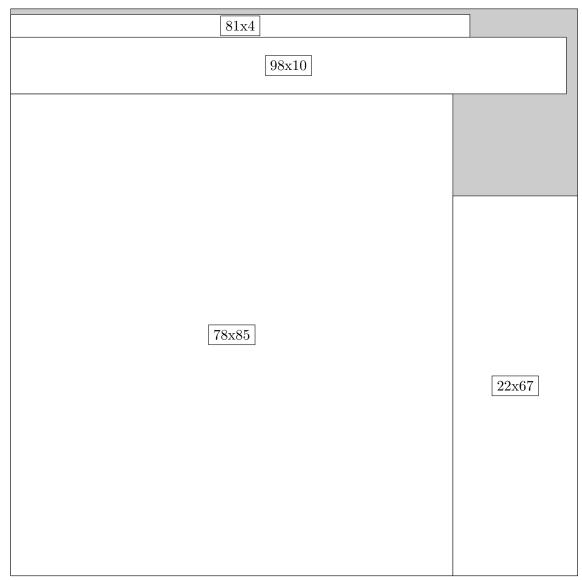
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{22}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.125 s



$$\begin{array}{l} w = \! 97 \ , \ h = \! 69 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6693 \\ w = \! 67 \ , \ h = \! 31 \ , \ x = \! 0 \ , \ y = \! 69 \ , \ v = \! 2077 \end{array}$$

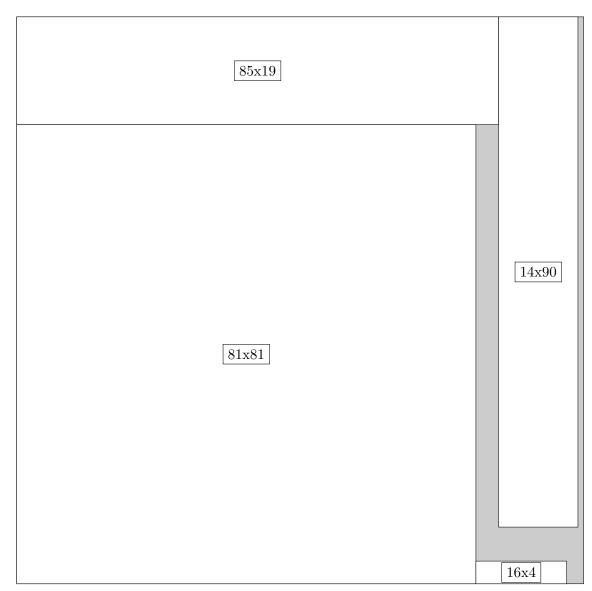


$$\le -78$$
 , h =
85 , x =0 , y =
0 , v =
6630

$$\le =22$$
 , h =67 , x =78 , y =0 , v =1474

$$\le =98$$
 , h =10 , x =0 , y =85 , v =980

$$\le =81$$
 , h =4 , x =0 , y =95 , v =324



 ≤ 81 , ≥ 81 , \ge

 $\le =85$, h =19 , x =0 , y =81 , v =1615

 $\le =14$, h =90 , x =85 , y =10 , v =1260

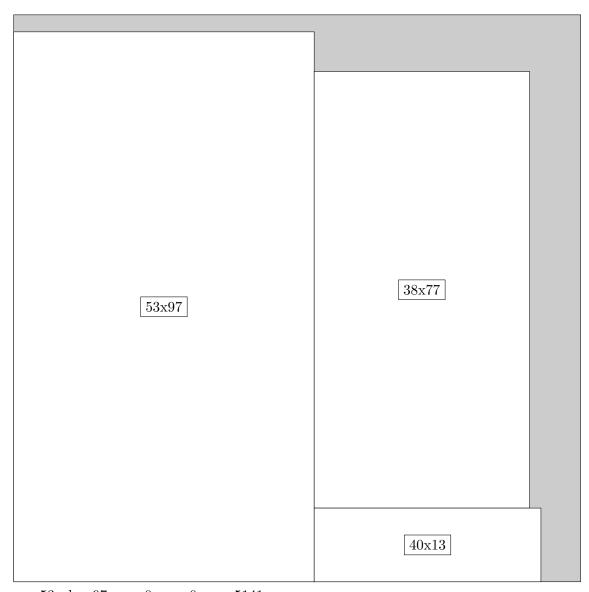
 \mathbf{w} =16 , h =4 , x =81 , y =0 , v =64

[74x32]	
80x68	20x88

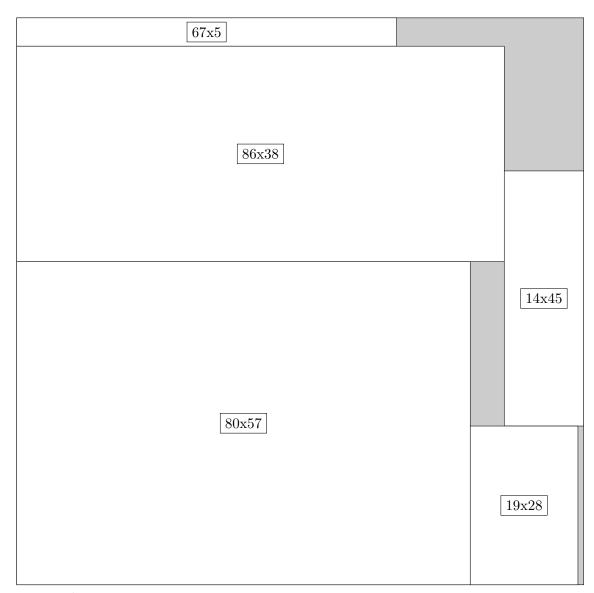
$$w = 80$$
, $h = 68$, $x = 0$, $y = 0$, $v = 5440$

$$\le =74$$
 , h =32 , x =0 , y =68 , v =2368

$$\le =20$$
 , h =88 , x =80 , y =0 , v =1760



$$\begin{array}{l} w = \! 53 \ , \ h = \! 97 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5141 \\ w = \! 38 \ , \ h = \! 77 \ , \ x = \! 53 \ , \ y = \! 13 \ , \ v = \! 2926 \\ w = \! 40 \ , \ h = \! 13 \ , \ x = \! 53 \ , \ y = \! 0 \ , \ v = \! 520 \end{array}$$



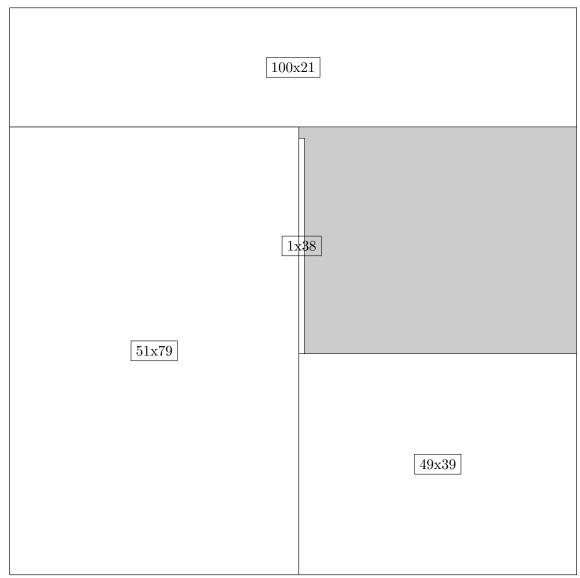
 $\le =80$, h =57 , x =0 , y =0 , v =4560

 $\le =67$, h =5 , x =0 , y =95 , v =335

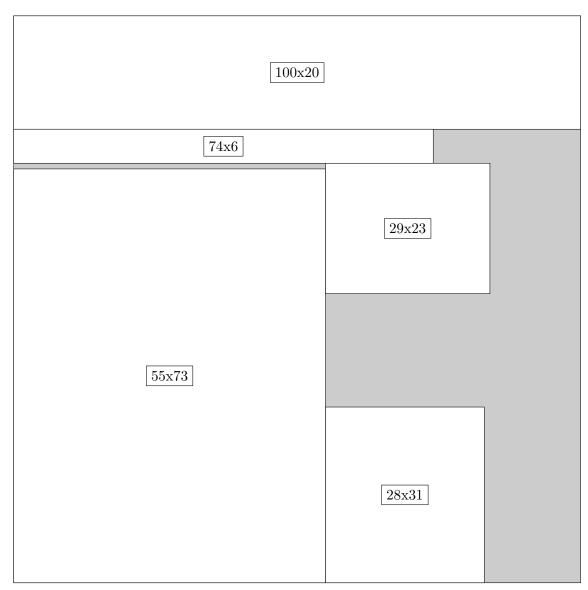
 $\le =86$, h =38 , x =0 , y =57 , v =3268

 $\le =14$, h =45 , x =86 , y =28 , v =630

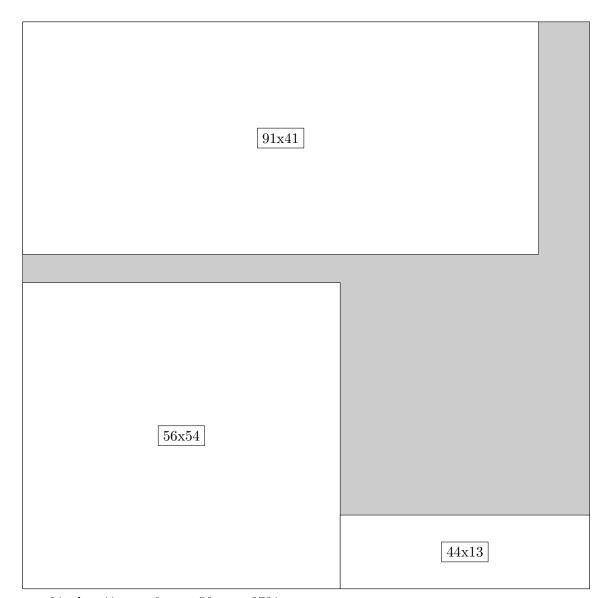
 $w=\!19$, $h=\!28$, $x=\!80$, $y=\!0$, $v=\!532$



 $\begin{array}{l} w = \!\!51 \ , \ h = \!\!79 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!4029 \\ w = \!\!100 \ , \ h = \!\!21 \ , \ x = \!\!0 \ , \ y = \!\!79 \ , \ v = \!\!2100 \\ w = \!\!49 \ , \ h = \!\!39 \ , \ x = \!\!51 \ , \ y = \!\!0 \ , \ v = \!\!1911 \\ w = \!\!1 \ , \ h = \!\!38 \ , \ x = \!\!51 \ , \ y = \!\!39 \ , \ v = \!\!38 \end{array}$

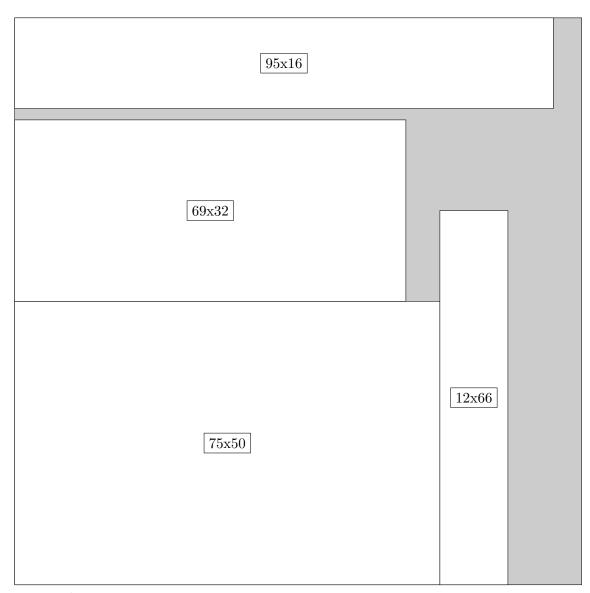


$$\begin{array}{l} w = \!\!55 \;,\; h = \!\!73 \;,\; x = \!\!0 \;,\; y = \!\!0 \;,\; v = \!\!4015 \\ w = \!\!100 \;,\; h = \!\!20 \;,\; x = \!\!0 \;,\; y = \!\!80 \;,\; v = \!\!2000 \\ w = \!\!28 \;,\; h = \!\!31 \;,\; x = \!\!55 \;,\; y = \!\!0 \;,\; v = \!\!868 \\ w = \!\!29 \;,\; h = \!\!23 \;,\; x = \!\!55 \;,\; y = \!\!51 \;,\; v = \!\!667 \\ w = \!\!74 \;,\; h = \!\!6 \;,\; x = \!\!0 \;,\; y = \!\!74 \;,\; v = \!\!444 \end{array}$$



$$\begin{array}{l} w = \! 91 \ , \ h = \! 41 \ , \ x = \! 0 \ , \ y = \! 59 \ , \ v = \! 3731 \\ w = \! 56 \ , \ h = \! 54 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3024 \end{array}$$

$$w = 44$$
, $h = 13$, $x = 56$, $y = 0$, $v = 572$

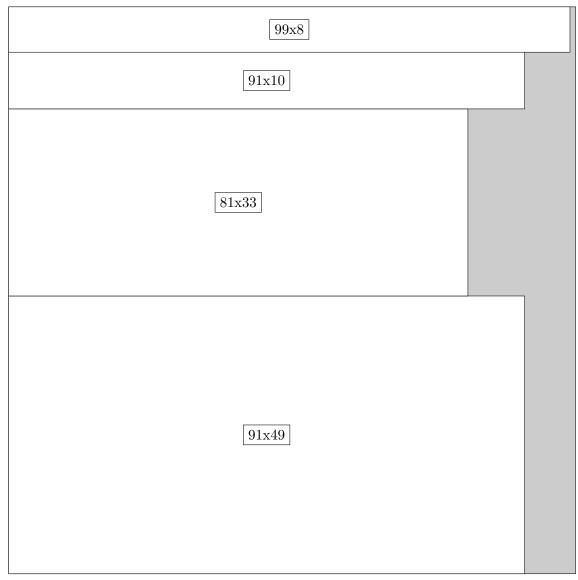


$$\le =75$$
 , h =50 , x =0 , y =0 , v =3750

$$\le =95$$
 , h =16 , x =0 , y =84 , v =1520

$$\le =69$$
 , h =32 , x =0 , y =50 , v =2208

$$\mathbf{w}$$
 =12 , h =66 , x =75 , y =0 , v =792

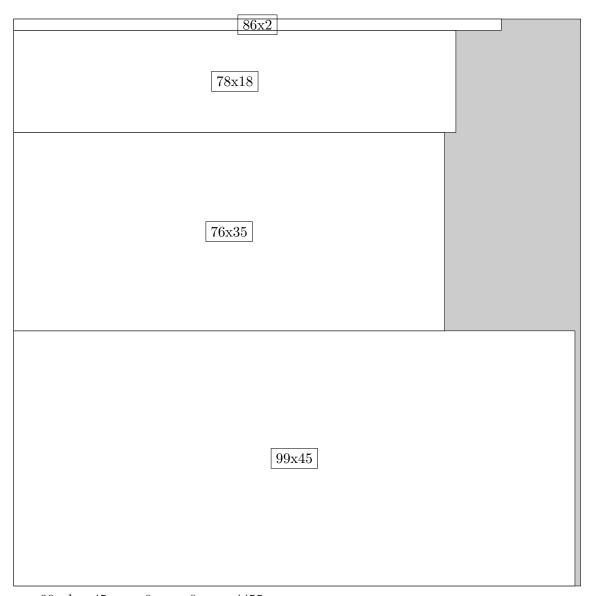


$$\le =91$$
 , $h=49$, $x=0$, $y=0$, $v=4459$

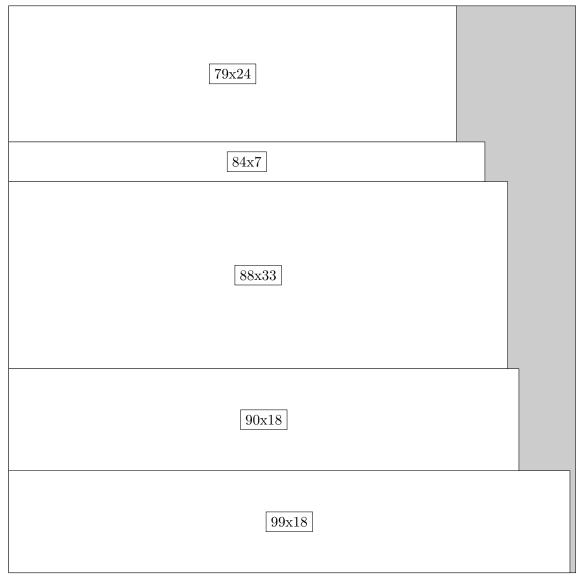
$$\le =81$$
 , h =33 , x =0 , y =49 , v =2673

$$\le =91$$
 , h =10 , x =0 , y =82 , v =910

$$\le =99$$
 , h =8 , x =0 , y =92 , v =792



$$\begin{array}{l} w = 99 \ , \ h = \!\! 45 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4455 \\ w = \!\! 76 \ , \ h = \!\! 35 \ , \ x = \!\! 0 \ , \ y = \!\! 45 \ , \ v = \!\! 2660 \\ w = \!\! 78 \ , \ h = \!\! 18 \ , \ x = \!\! 0 \ , \ y = \!\! 80 \ , \ v = \!\! 1404 \\ w = \!\! 86 \ , \ h = \!\! 2 \ , \ x = \!\! 0 \ , \ y = \!\! 98 \ , \ v = \!\! 172 \end{array}$$



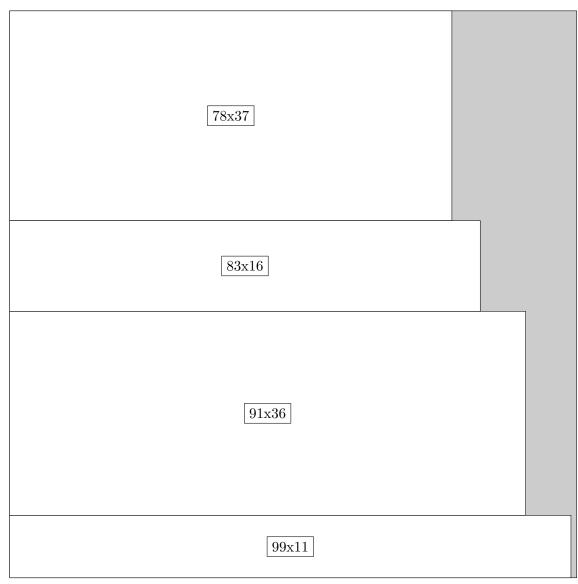
$$w = 88$$
, $h = 33$, $x = 0$, $y = 36$, $v = 2904$

$$\le =79$$
 , h =24 , x =0 , y =76 , v =1896

$$\le =99$$
 , h =18 , x =0 , y =0 , v =1782

$$\le =90$$
 , h =18 , x =0 , y =18 , v =1620

$$\le =84$$
 , h =7 , x =0 , y =69 , v =588

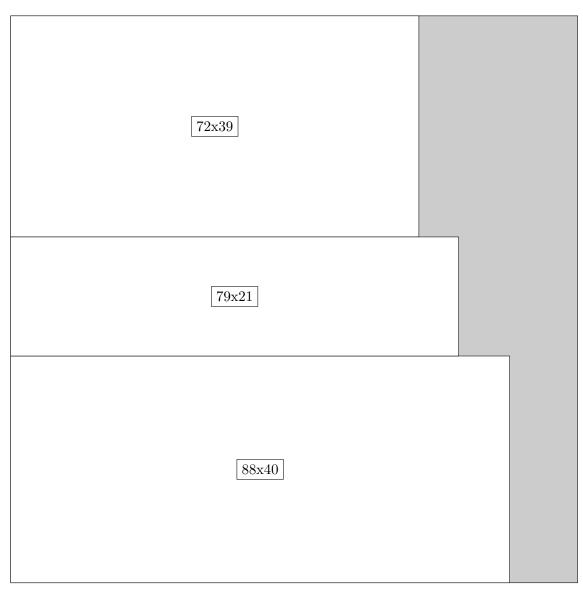


$$\le =91$$
 , $h=36$, $x=0$, $y=11$, $v=3276$

$$\le -78$$
 , h =37 , x =0 , y =63 , v =2886

$$\le =83$$
 , h =16 , x =0 , y =47 , v =1328

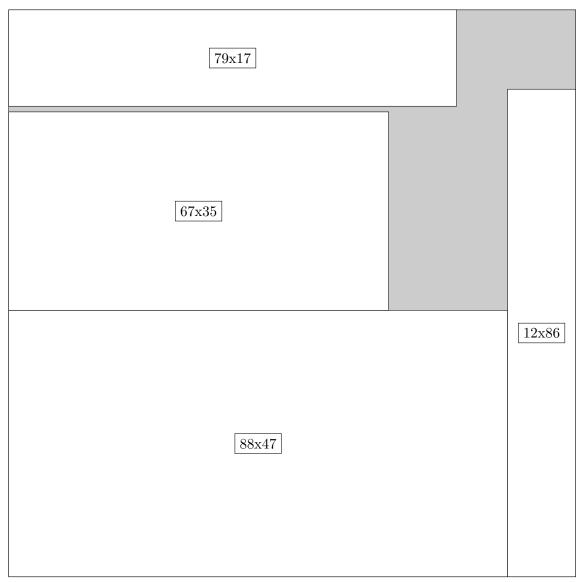
$$\le =99$$
 , h =11 , x =0 , y =0 , v =1089



$$w = 88$$
, $h = 40$, $x = 0$, $y = 0$, $v = 3520$

$$\le =72$$
 , h =39 , x =0 , y =61 , v =2808

$$\le =79$$
 , h =21 , x =0 , y =40 , v =1659

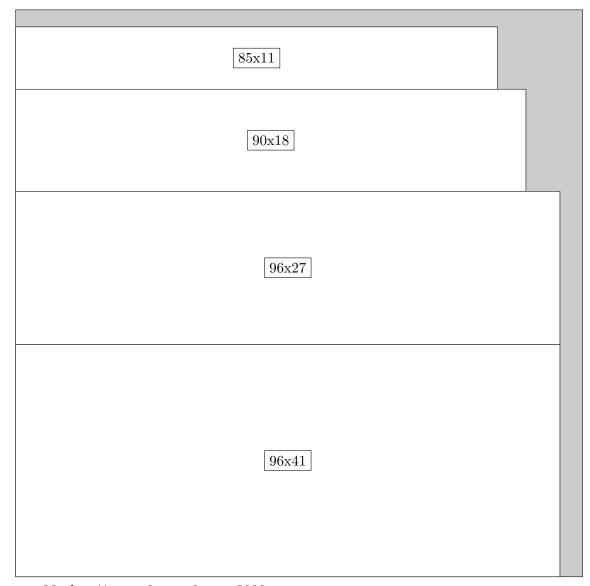


$$\le =88$$
 , $h=47$, $x=0$, $y=0$, $v=4136$

$$\le =67$$
 , h =35 , x =0 , y =47 , v =2345

$$\le =79$$
 , h =17 , x =0 , y =83 , v =1343

$$\le =12$$
 , h =86 , x =88 , y =0 , v =1032

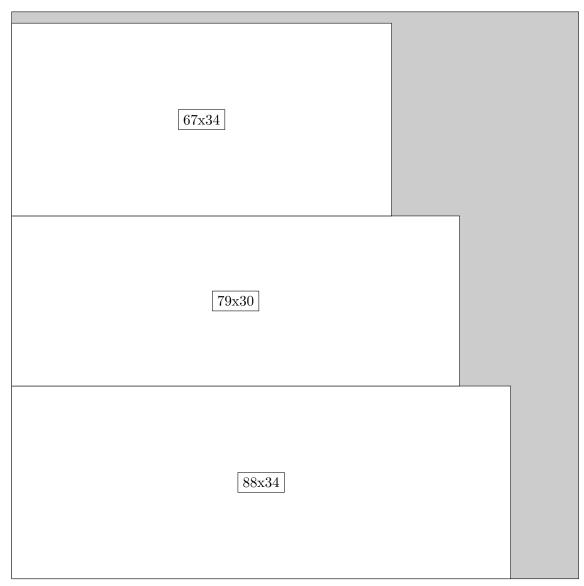


$$\le =96$$
 , h =41 , x =0 , y =0 , v =3936

$$\le =96$$
 , h =27 , x =0 , y =41 , v =2592

$$\le =90$$
 , h =18 , x =0 , y =68 , v =1620

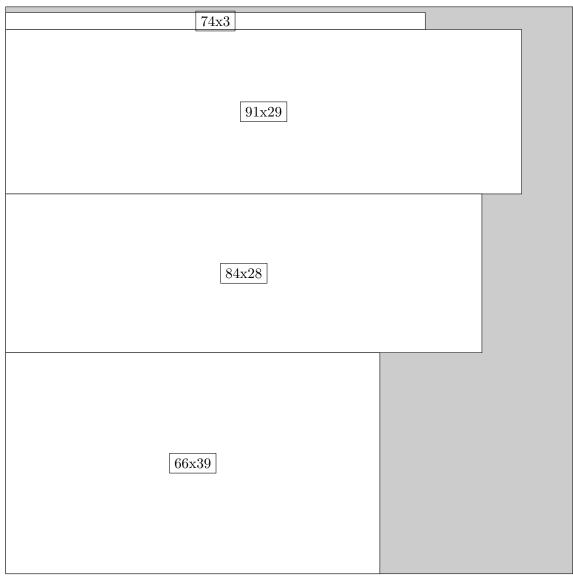
$$\le =85$$
 , h =11 , x =0 , y =86 , v =935



$$w = 88$$
, $h = 34$, $x = 0$, $y = 0$, $v = 2992$

$$\le =79$$
 , h =30 , x =0 , y =34 , v =2370

$$\le =67$$
 , h =34 , x =0 , y =64 , v =2278



$$\le =91$$
 , h =29 , x =0 , y =67 , v =2639

$$\le =84$$
 , h =28 , x =0 , y =39 , v =2352

$$\le =66$$
 , h =39 , x =0 , y =0 , v =2574

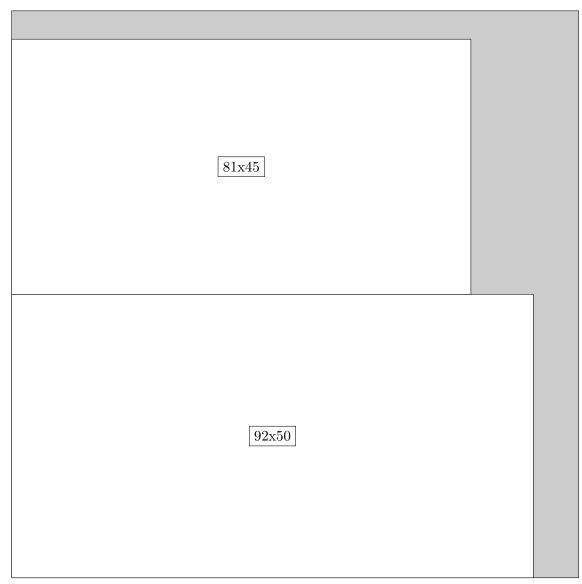
$$\le =74$$
 , h =3 , x =0 , y =96 , v =222



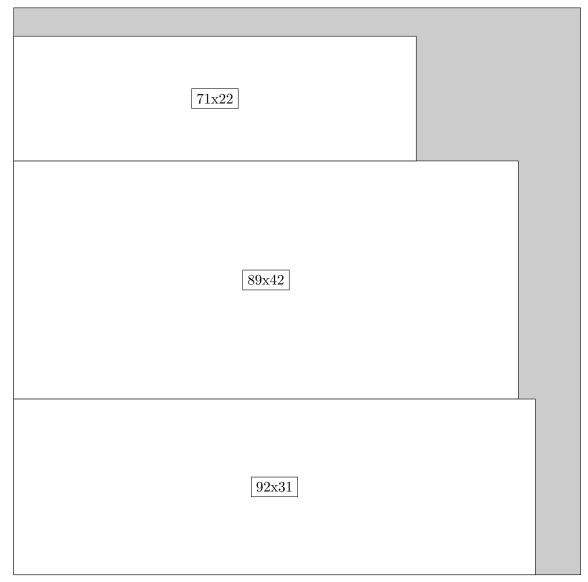
$$w = 94$$
, $h = 34$, $x = 0$, $y = 0$, $v = 3196$

$$\le =88$$
 , h =43 , x =0 , y =34 , v =3784

$$\mathbf{w}$$
 =70 , h =10 , x =0 , y =77 , v =700



$$\begin{array}{c} w = 92 \; , \; h = \!\! 50 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 4600 \\ w = \!\! 81 \; , \; h = \!\! 45 \; , \; x = \!\! 0 \; , \; y = \!\! 50 \; , \; v = \!\! 3645 \\ \end{array}$$



$$w$$
 =89 , h =42 , x =0 , y =31 , v =3738

$$\le =92$$
 , h =31 , x =0 , y =0 , v =2852

$$\le =71$$
 , h =22 , x =0 , y =73 , v =1562