$ClassName: \ Class_07.2bp\text{-}35$

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

TypeNum: 79
Num: 80
OutS: 230000
InS: 191663
Rate: 0.833
UB: 23
LB0: 23

LBWithCut: $\underline{\mathbf{23}}$ NodeCut: $\underline{\mathbf{0}}$

LB: **23**

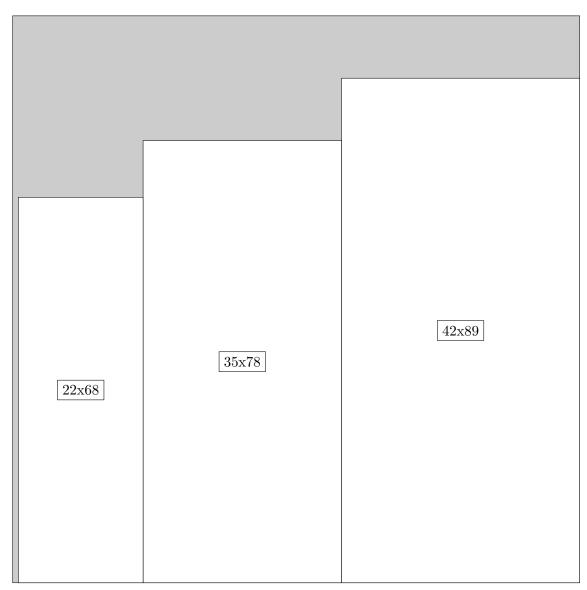
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{23}}$ 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: $\underline{600.000 \text{ s}}$

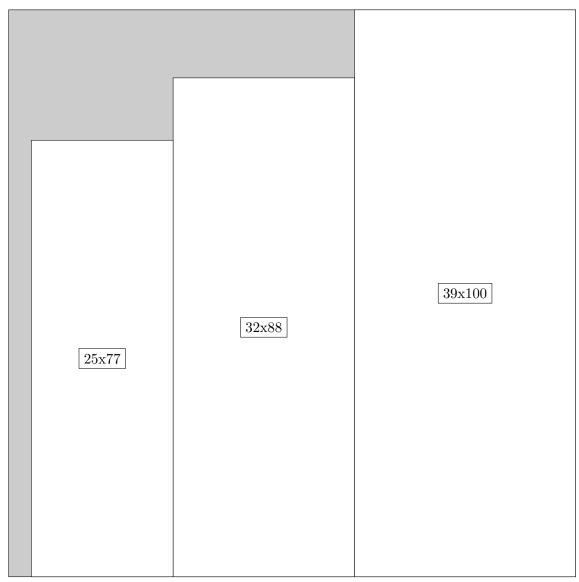
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.065 sTotalTime: 600.321 s



$$w = 42$$
, $h = 89$, $x = 58$, $y = 0$, $v = 3738$

$$\le =35$$
 , h =78 , x =23 , y =0 , v =2730

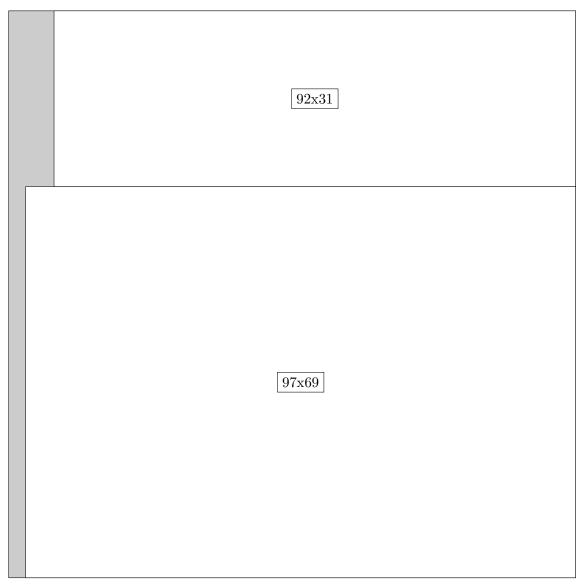
$$\le =22$$
 , h =68 , x =1 , y =0 , v =1496

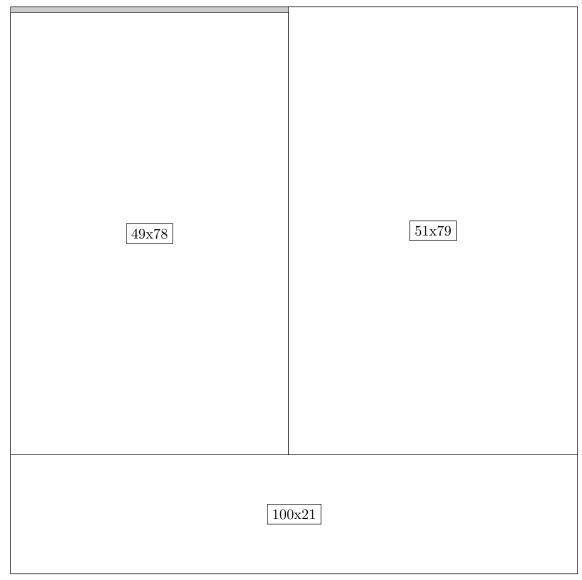


 $\le =39$, h=100 , x=61 , y=0 , v=3900

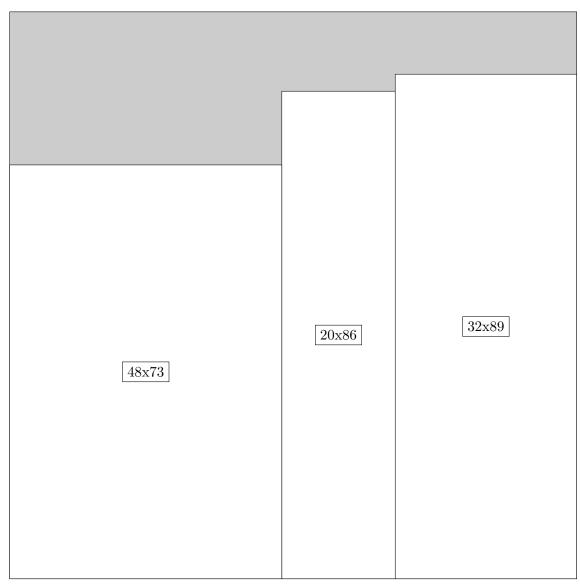
 $\le =32$, h =88 , x =29 , y =0 , v =2816

 $\le =25$, h =77 , x =4 , y =0 , v =1925





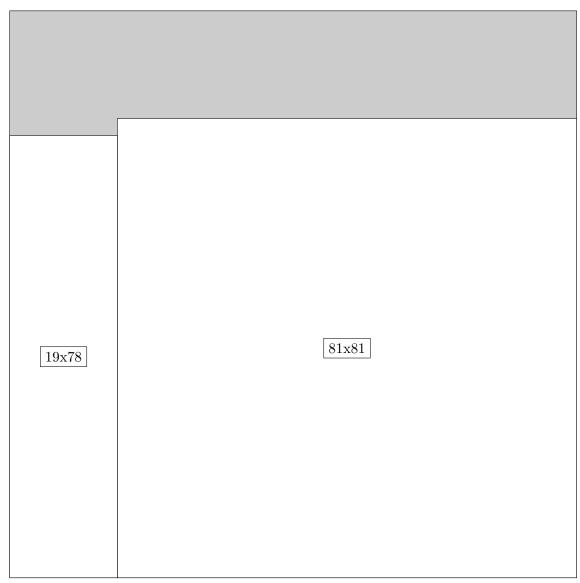
 $\begin{array}{l} w = \! 100 \ , \ h = \! 21 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2100 \\ w = \! 51 \ , \ h = \! 79 \ , \ x = \! 49 \ , \ y = \! 21 \ , \ v = \! 4029 \\ w = \! 49 \ , \ h = \! 78 \ , \ x = \! 0 \ , \ y = \! 21 \ , \ v = \! 3822 \end{array}$



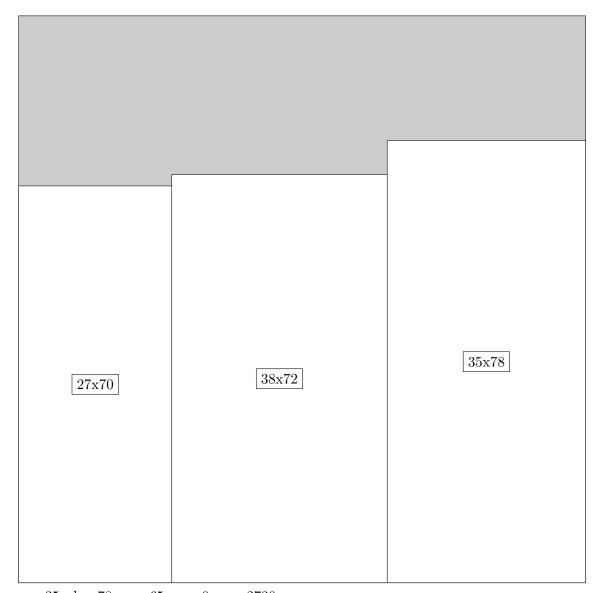
$$w = 32$$
, $h = 89$, $x = 68$, $y = 0$, $v = 2848$

$$\le =20$$
 , h =86 , x =48 , y =0 , v =1720

$$\le =48$$
 , h =73 , x =0 , y =0 , v =3504

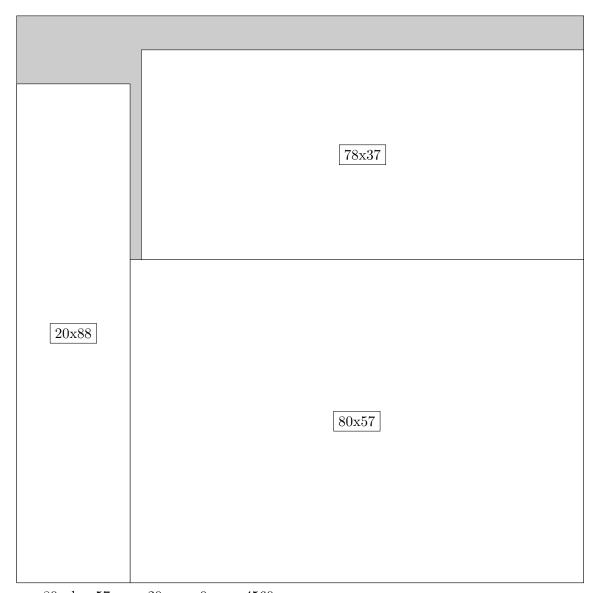


$$\begin{array}{l} w = \! 81 \ , \ h = \! 81 \ , \ x = \! 19 \ , \ y = \! 0 \ , \ v = \! 6561 \\ w = \! 19 \ , \ h = \! 78 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1482 \end{array}$$



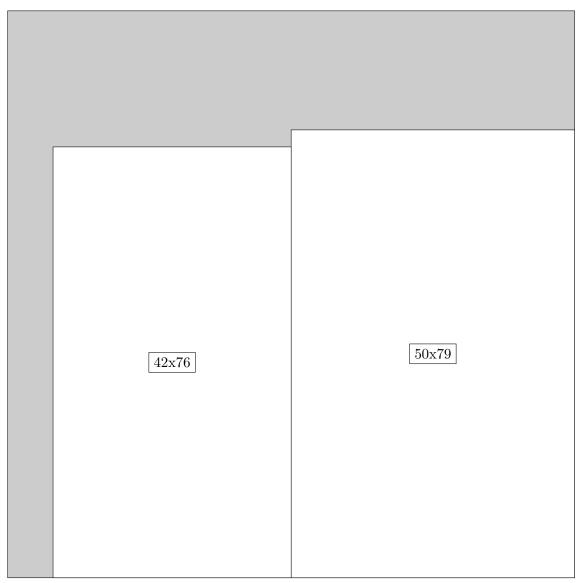
$$\begin{array}{l} w = \! 35 \ , \ h = \! 78 \ , \ x = \! 65 \ , \ y = \! 0 \ , \ v = \! 2730 \\ w = \! 38 \ , \ h = \! 72 \ , \ x = \! 27 \ , \ y = \! 0 \ , \ v = \! 2736 \end{array}$$

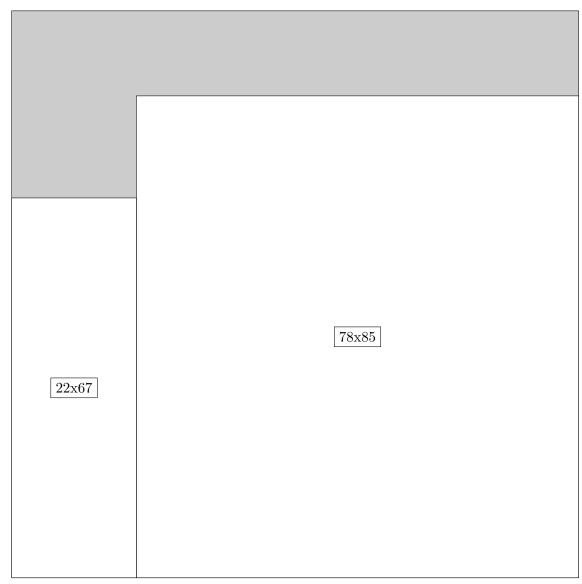
$$w = 27$$
, $h = 70$, $x = 0$, $y = 0$, $v = 1890$



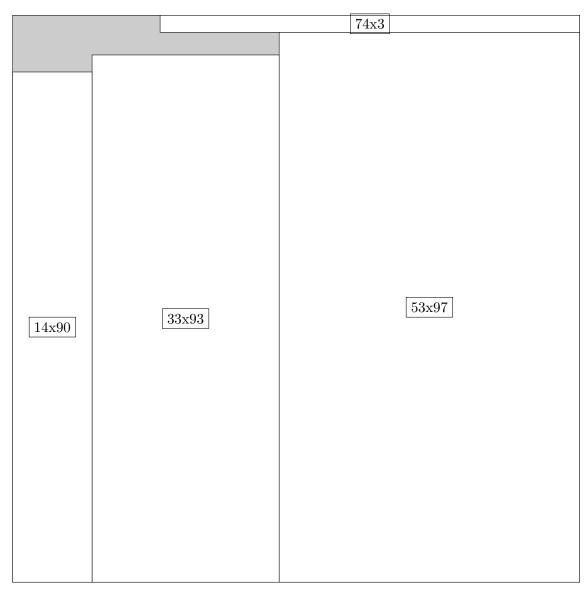
$$\begin{array}{l} w = \! 80 \ , \ h = \! 57 \ , \ x = \! 20 \ , \ y = \! 0 \ , \ v = \! 4560 \\ w = \! 78 \ , \ h = \! 37 \ , \ x = \! 22 \ , \ y = \! 57 \ , \ v = \! 2886 \end{array}$$

$$w = 78$$
, $h = 87$, $x = 22$, $y = 97$, $v = 288$
 $w = 20$, $h = 88$, $x = 0$, $y = 0$, $v = 1760$

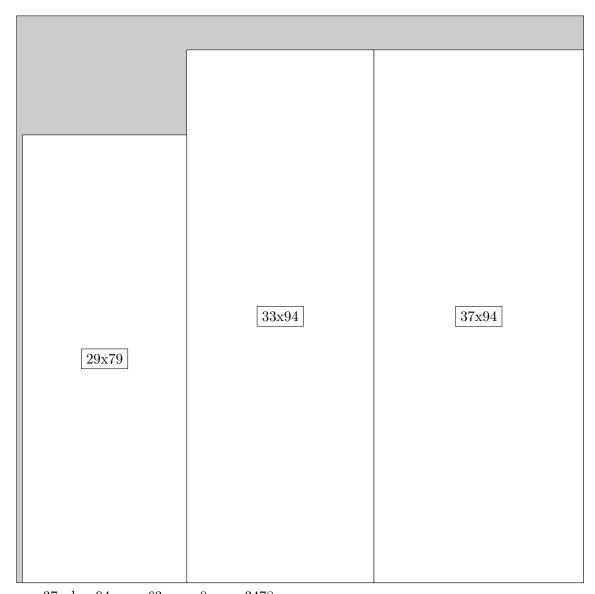




$$\begin{array}{l} w = \! 78 \ , \ h = \! 85 \ , \ x = \! 22 \ , \ y = \! 0 \ , \ v = \! 6630 \\ w = \! 22 \ , \ h = \! 67 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1474 \end{array}$$

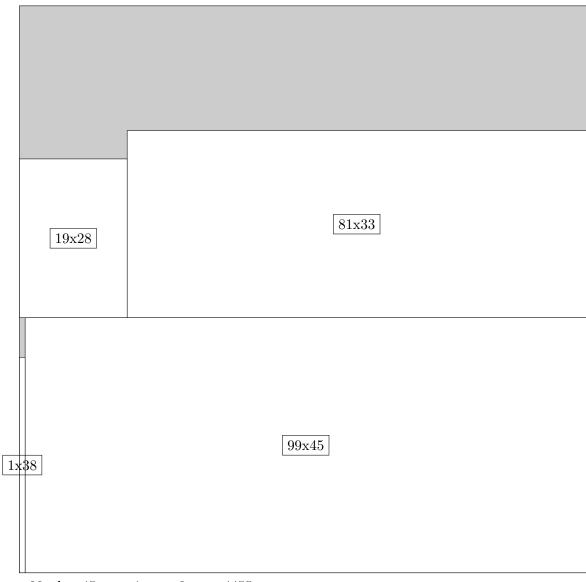


 $\begin{array}{l} w = \!53 \ , \ h = \!97 \ , \ x = \!47 \ , \ y = \!0 \ , \ v = \!5141 \\ w = \!33 \ , \ h = \!93 \ , \ x = \!14 \ , \ y = \!0 \ , \ v = \!3069 \\ w = \!14 \ , \ h = \!90 \ , \ x = \!0 \ , \ y = \!0 \ , \ v = \!1260 \\ w = \!74 \ , \ h = \!3 \ , \ x = \!26 \ , \ y = \!97 \ , \ v = \!222 \end{array}$



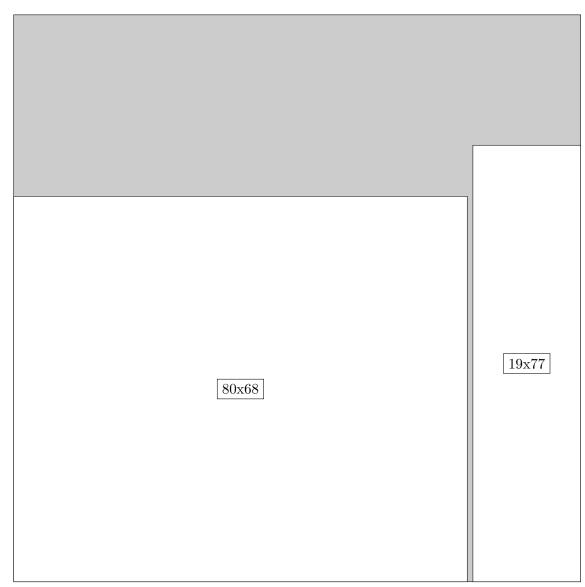
$$w = 37$$
, $h = 94$, $x = 63$, $y = 0$, $v = 3478$

$$\begin{array}{l} w = \! 33 \ , \ h = \! 94 \ , \ x = \! 30 \ , \ y = \! 0 \ , \ v = \! 3102 \\ w = \! 29 \ , \ h = \! 79 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 2291 \end{array}$$

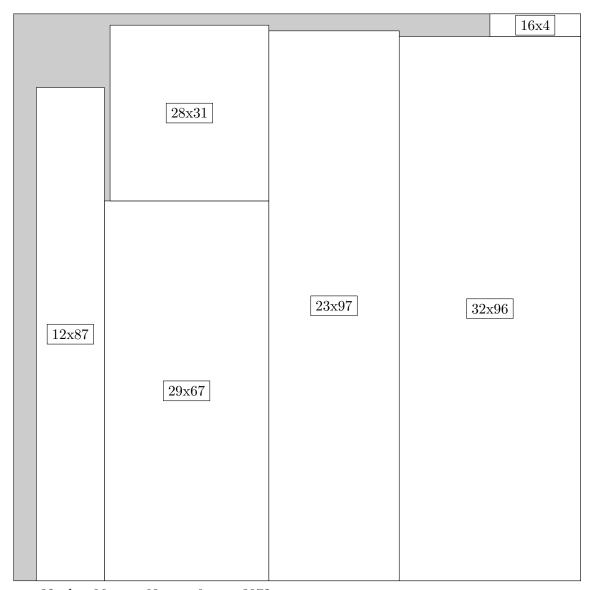


 $\begin{array}{l} w = 99 \; , \; h = \!\!\! 45 \; , \; x = \!\!\! 1 \; , \; y = \!\!\! 0 \; , \; v = \!\!\! 4455 \\ w = \!\!\! 1 \; , \; h = \!\!\! 38 \; , \; x = \!\!\! 0 \; , \; y = \!\!\! 0 \; , \; v = \!\!\! 38 \\ w = \!\!\! 81 \; , \; h = \!\!\! 33 \; , \; x = \!\!\! 19 \; , \; y = \!\!\! 45 \; , \; v = \!\!\! 2673 \end{array}$

w = 19, h = 28, x = 0, y = 45, v = 532



$$\begin{array}{c} w = 19 \ , \ h = 77 \ , \ x = 81 \ , \ y = 0 \ , \ v = 1463 \\ w = 80 \ , \ h = 68 \ , \ x = 0 \ , \ y = 0 \ , \ v = 5440 \\ \end{array}$$



$$\le =32$$
 , h =96 , x =68 , y =0 , v =3072

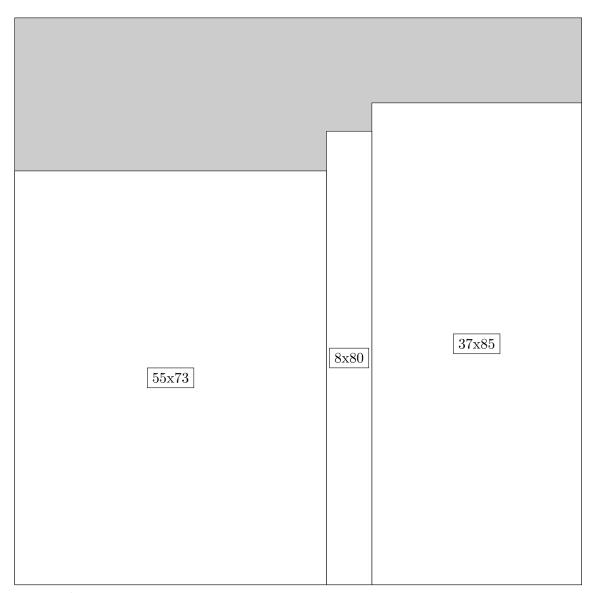
$$w = 16$$
, $h = 4$, $x = 84$, $y = 96$, $v = 64$

$$\le =23$$
 , h =97 , x =45 , y =0 , v =2231

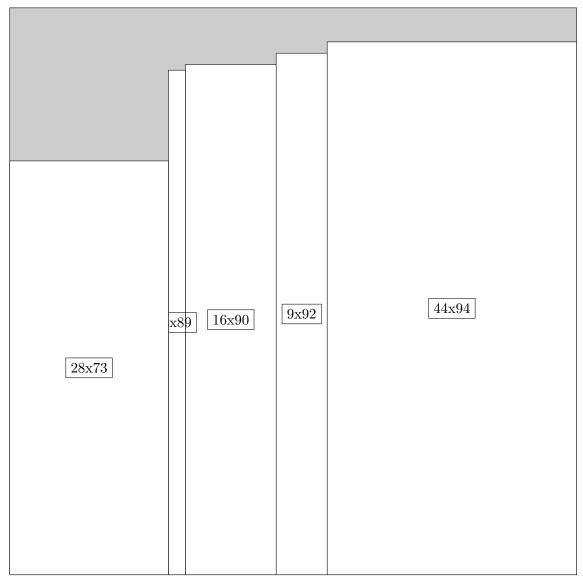
$$\le =29$$
 , h =67 , x =16 , y =0 , v =1943

$$\le =28$$
 , h =31 , x =17 , y =67 , v =868

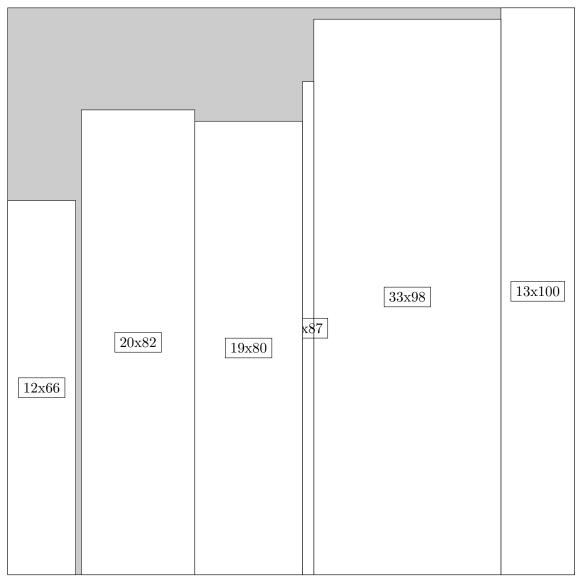
$$w$$
 =12 , h =87 , x =4 , y =0 , v =1044



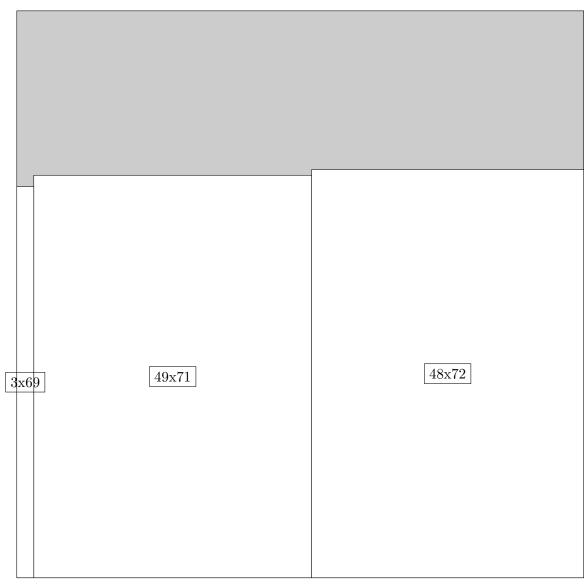
 $\begin{array}{l} w = \! 37 \ , \ h = \! 85 \ , \ x = \! 63 \ , \ y = \! 0 \ , \ v = \! 3145 \\ w = \! 8 \ , \ h = \! 80 \ , \ x = \! 55 \ , \ y = \! 0 \ , \ v = \! 640 \\ w = \! 55 \ , \ h = \! 73 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4015 \end{array}$



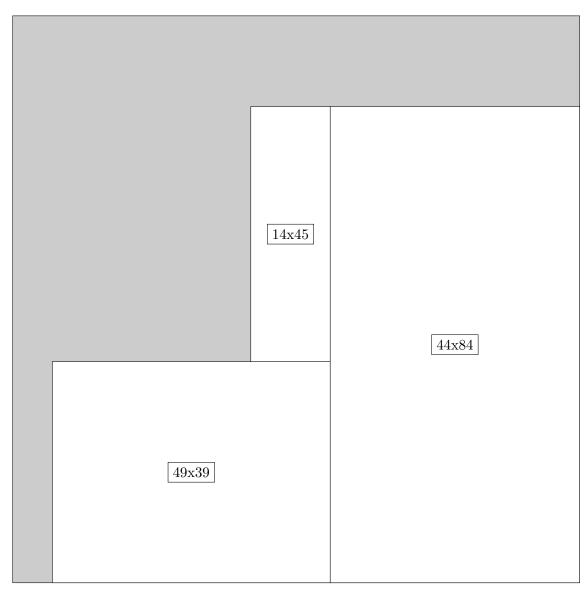
 $\begin{array}{l} w = \!\!44 \;,\; h = \!\!94 \;,\; x = \!\!56 \;,\; y = \!\!0 \;,\; v = \!\!4136 \\ w = \!\!9 \;,\; h = \!\!92 \;,\; x = \!\!47 \;,\; y = \!\!0 \;,\; v = \!\!828 \\ w = \!\!16 \;,\; h = \!\!90 \;,\; x = \!\!31 \;,\; y = \!\!0 \;,\; v = \!\!1440 \\ w = \!\!3 \;,\; h = \!\!89 \;,\; x = \!\!28 \;,\; y = \!\!0 \;,\; v = \!\!267 \\ w = \!\!28 \;,\; h = \!\!73 \;,\; x = \!\!0 \;,\; y = \!\!0 \;,\; v = \!\!2044 \end{array}$



 $\begin{array}{l} w=13 \ , \ h=100 \ , \ x=87 \ , \ y=0 \ , \ v=1300 \\ w=33 \ , \ h=98 \ , \ x=54 \ , \ y=0 \ , \ v=3234 \\ w=2 \ , \ h=87 \ , \ x=52 \ , \ y=0 \ , \ v=174 \\ w=19 \ , \ h=80 \ , \ x=33 \ , \ y=0 \ , \ v=1520 \\ w=20 \ , \ h=82 \ , \ x=13 \ , \ y=0 \ , \ v=1640 \\ w=12 \ , \ h=66 \ , \ x=0 \ , \ y=0 \ , \ v=792 \end{array}$



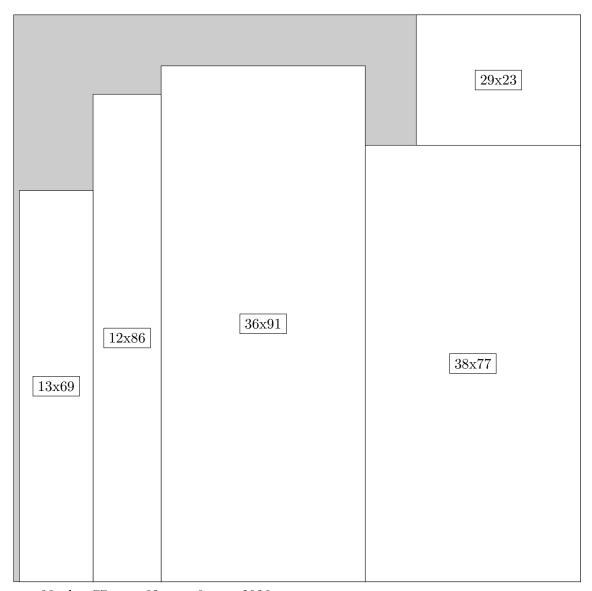
 $\begin{array}{l} w = \! 48 \ , \ h = \! 72 \ , \ x = \! 52 \ , \ y = \! 0 \ , \ v = \! 3456 \\ w = \! 49 \ , \ h = \! 71 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 3479 \\ w = \! 3 \ , \ h = \! 69 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 207 \end{array}$



$$w = 44$$
, $h = 84$, $x = 56$, $y = 0$, $v = 3696$

$$\mathbf{w}$$
 =49 , h =39 , x =7 , y =0 , v =1911

$$\le =14$$
 , h =45 , x =42 , y =39 , v =630

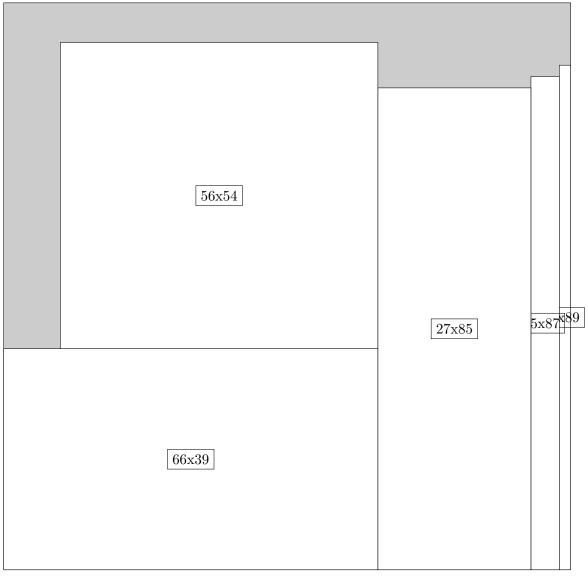


$$\begin{array}{l} w = \! 38 \ , \ h = \! 77 \ , \ x = \! 62 \ , \ y = \! 0 \ , \ v = \! 2926 \\ w = \! 29 \ , \ h = \! 23 \ , \ x = \! 71 \ , \ y = \! 77 \ , \ v = \! 667 \end{array}$$

$$w = 36$$
, $h = 91$, $x = 26$, $y = 0$, $v = 3276$

$$w = 12$$
, $h = 86$, $x = 14$, $y = 0$, $v = 1032$

$$w = 13$$
, $h = 69$, $x = 1$, $y = 0$, $v = 897$

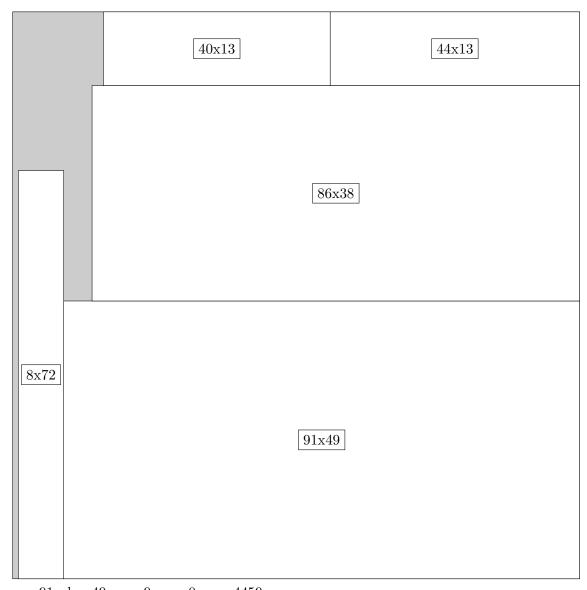


$$\begin{array}{l} w = 2 \ , \ h = \! 89 \ , \ x = \! 98 \ , \ y = \! 0 \ , \ v = \! 178 \\ w = \! 5 \ , \ h = \! 87 \ , \ x = \! 93 \ , \ y = \! 0 \ , \ v = \! 435 \end{array}$$

$$w = 27$$
, $h = 85$, $x = 66$, $y = 0$, $v = 2295$

$$w = 66$$
, $h = 39$, $x = 0$, $y = 0$, $v = 2574$

$$w$$
 =56 , h =54 , x =10 , y =39 , v =3024



$$\begin{array}{l} w = \! 91 \; , \; h = \! 49 \; , \; x = \! 9 \; , \; y = \! 0 \; , \; v = \! 4459 \\ w = \! 86 \; , \; h = \! 38 \; , \; x = \! 14 \; , \; y = \! 49 \; , \; v = \! 3268 \\ w = \! 44 \; , \; h = \! 13 \; , \; x = \! 56 \; , \; y = \! 87 \; , \; v = \! 572 \\ w = \! 40 \; , \; h = \! 13 \; , \; x = \! 16 \; , \; y = \! 87 \; , \; v = \! 520 \\ w = \! 8 \; , \; h = \! 72 \; , \; x = \! 1 \; , \; y = \! 0 \; , \; v = \! 576 \end{array}$$