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

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

TypeNum: <u>79</u>
Num: <u>80</u>
OutS: <u>230000</u>
InS: <u>191663</u>
Rate: <u>0.833</u>
UB: <u>23</u>
LB0: <u>23</u>
LB: <u>23</u>

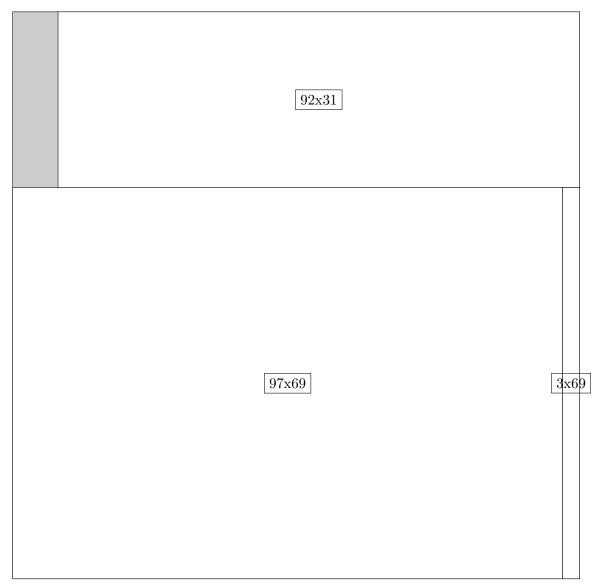
LBWithCut: $\underline{\mathbf{23}}$ NodeCut: $\underline{\mathbf{0}}$

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

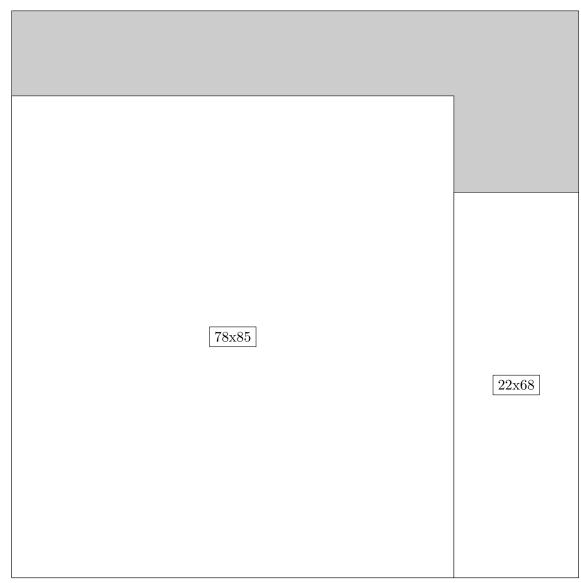
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{23}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

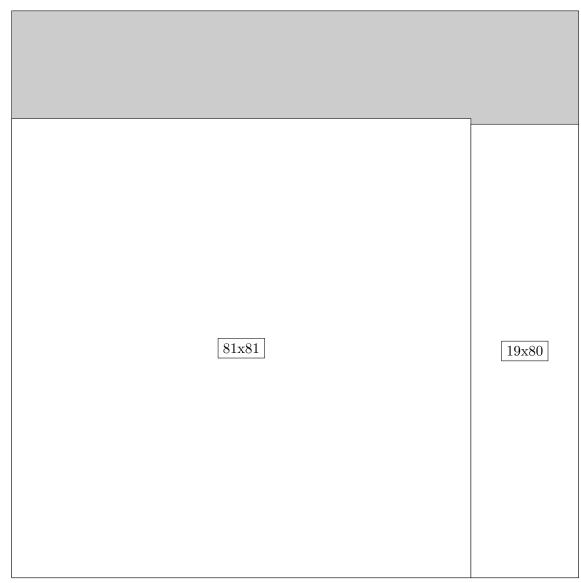
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.125 s



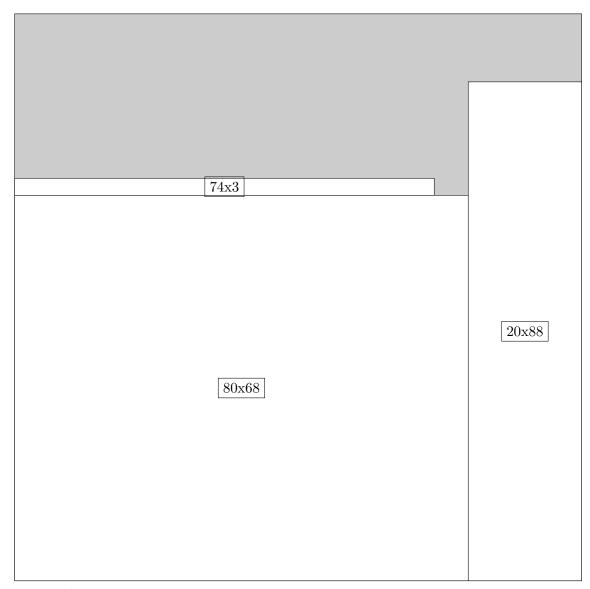
$$\begin{array}{l} w = \! 97 \; , \; h = \! 69 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 6693 \\ w = \! 92 \; , \; h = \! 31 \; , \; x = \! 8 \; , \; y = \! 69 \; , \; v = \! 2852 \\ w = \! 3 \; , \; h = \! 69 \; , \; x = \! 97 \; , \; y = \! 0 \; , \; v = \! 207 \end{array}$$



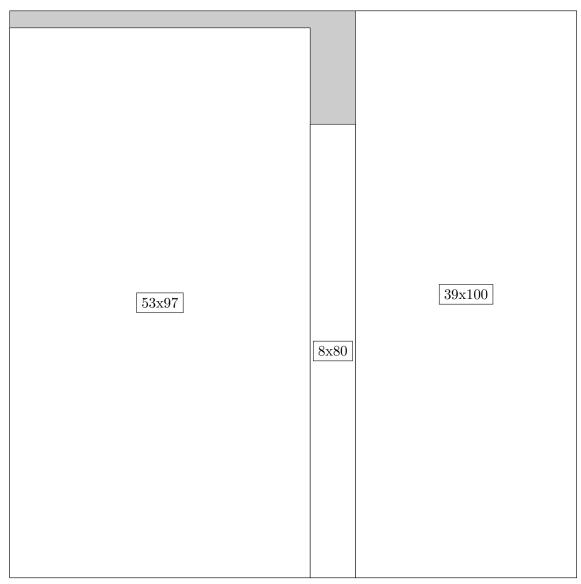
$$\begin{array}{c} w = 78 \; , \; h = 85 \; , \; x = 0 \; , \; y = 0 \; , \; v = 6630 \\ w = 22 \; , \; h = 68 \; , \; x = 78 \; , \; y = 0 \; , \; v = 1496 \\ \end{array}$$



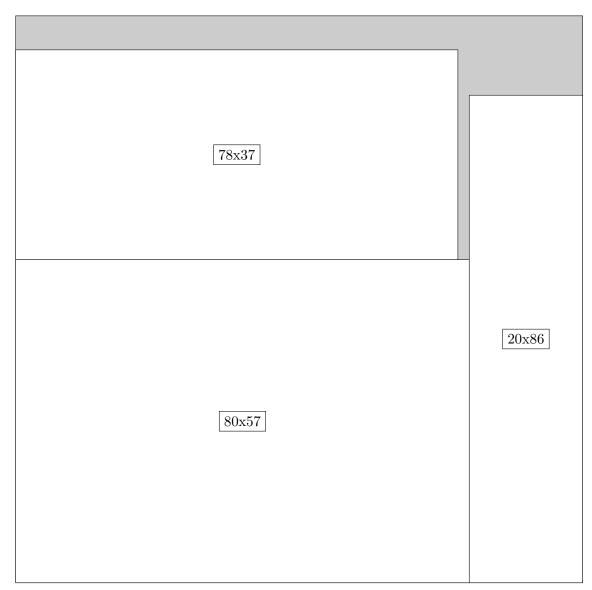
$$\begin{array}{c} w = \! 81 \; , \; h = \! 81 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 6561 \\ w = \! 19 \; , \; h = \! 80 \; , \; x = \! 81 \; , \; y = \! 0 \; , \; v = \! 1520 \\ \end{array}$$



$$\begin{array}{l} w = \! 80 \ , \ h = \! 68 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5440 \\ w = \! 20 \ , \ h = \! 88 \ , \ x = \! 80 \ , \ y = \! 0 \ , \ v = \! 1760 \\ w = \! 74 \ , \ h = \! 3 \ , \ x = \! 0 \ , \ y = \! 68 \ , \ v = \! 222 \end{array}$$



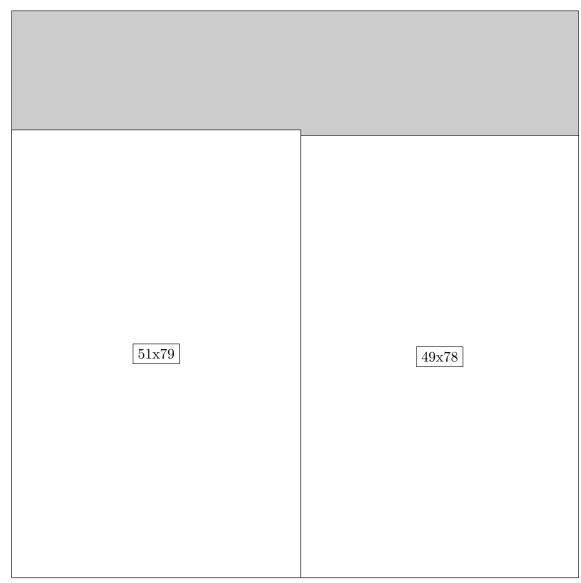
 $\begin{array}{l} w = \!53 \; , \; h = \!97 \; , \; x = \!0 \; , \; y = \!0 \; , \; v = \!5141 \\ w = \!39 \; , \; h = \!100 \; , \; x = \!61 \; , \; y = \!0 \; , \; v = \!3900 \\ w = \!8 \; , \; h = \!80 \; , \; x = \!53 \; , \; y = \!0 \; , \; v = \!640 \end{array}$

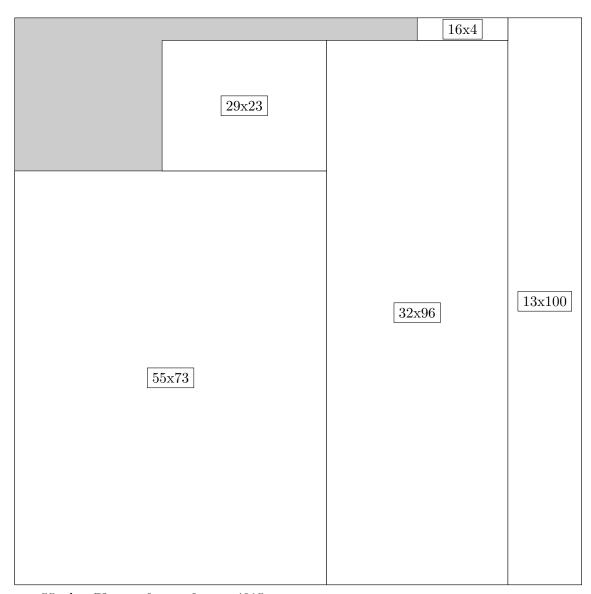


$$w = 80$$
, $h = 57$, $x = 0$, $y = 0$, $v = 4560$

$$\le -78$$
 , h =37 , x =0 , y =57 , v =2886

$$\le =20$$
 , h =86 , x =80 , y =0 , v =1720





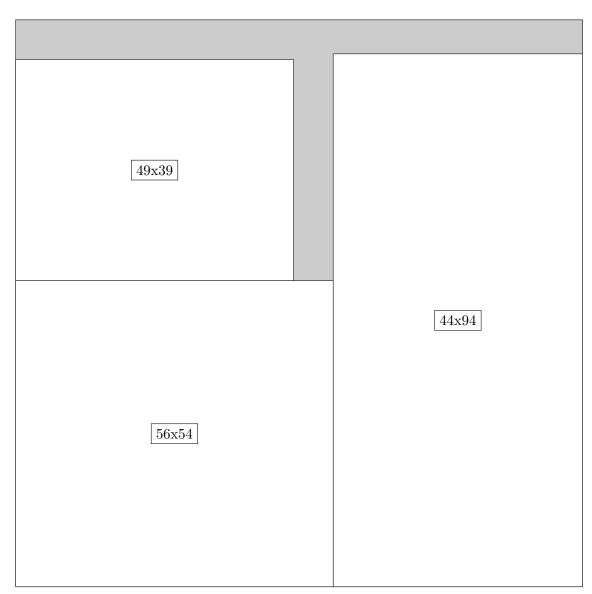
$$\le =55$$
 , h =73 , x =0 , y =0 , v =4015

$$\le =32$$
 , h =96 , x =55 , y =0 , v =3072

$$\le =13$$
 , $h=100$, $x=87$, $y=0$, $v=1300$

$$\le =29$$
 , h =23 , x =26 , y =73 , v =667

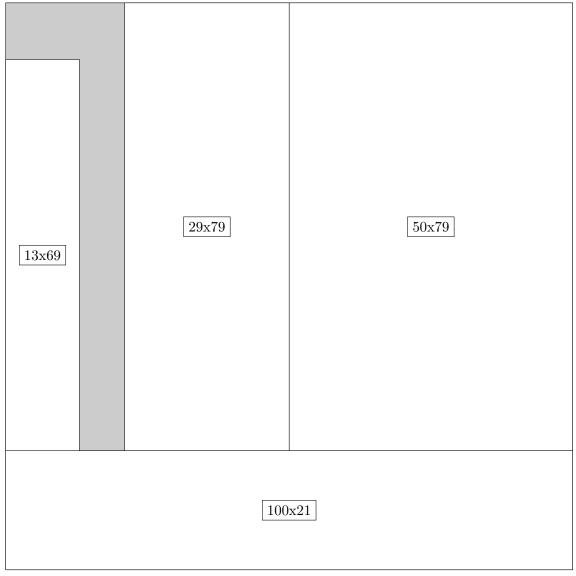
$$\le =16$$
 , $h=4$, $x=71$, $y=96$, $v=64$



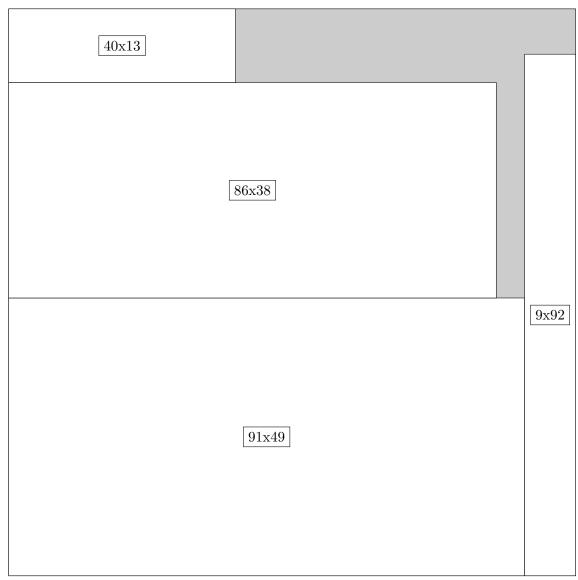
$$w = 44$$
, $h = 94$, $x = 56$, $y = 0$, $v = 4136$

$$w = 56$$
, $h = 54$, $x = 0$, $y = 0$, $v = 3024$

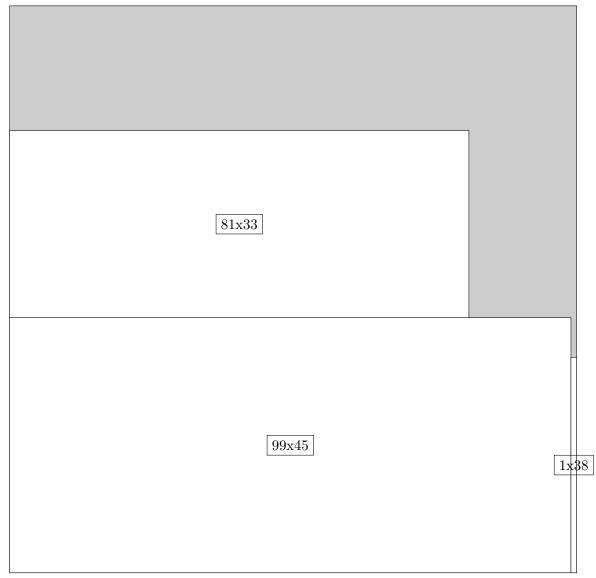
$$\le =49$$
 , h =39 , x =0 , y =54 , v =1911

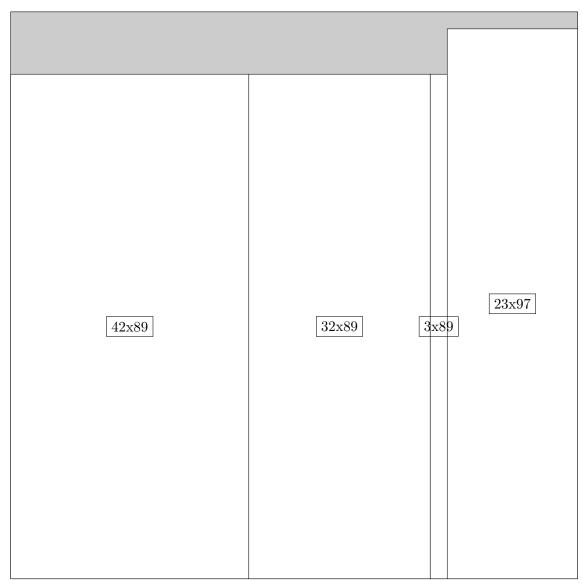


$$\begin{array}{l} w = \! 50 \ , \ h = \! 79 \ , \ x = \! 50 \ , \ y = \! 21 \ , \ v = \! 3950 \\ w = \! 29 \ , \ h = \! 79 \ , \ x = \! 21 \ , \ y = \! 21 \ , \ v = \! 2291 \\ w = \! 100 \ , \ h = \! 21 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2100 \\ w = \! 13 \ , \ h = \! 69 \ , \ x = \! 0 \ , \ y = \! 21 \ , \ v = \! 897 \end{array}$$

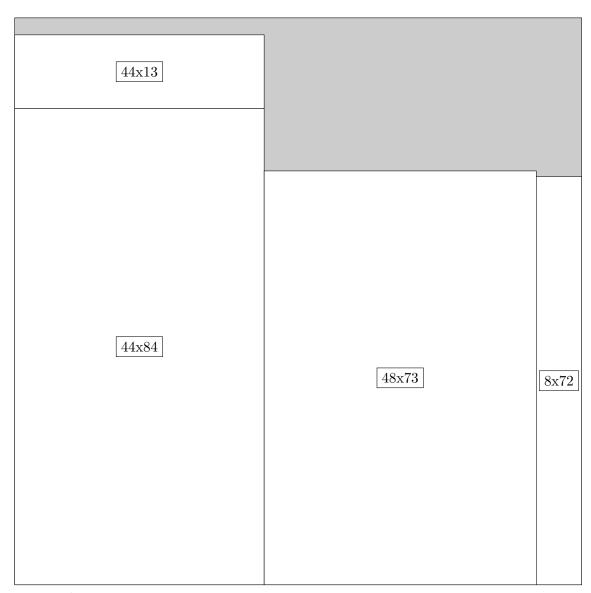


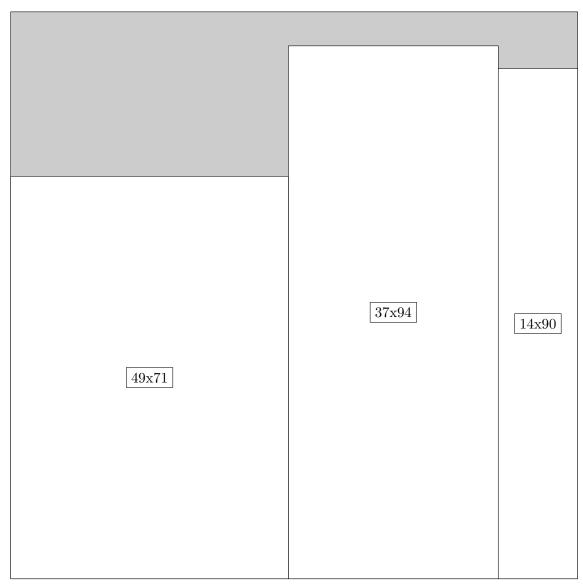
$$\begin{array}{l} w = \! 91 \ , \ h = \! 49 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4459 \\ w = \! 86 \ , \ h = \! 38 \ , \ x = \! 0 \ , \ y = \! 49 \ , \ v = \! 3268 \\ w = \! 9 \ , \ h = \! 92 \ , \ x = \! 91 \ , \ y = \! 0 \ , \ v = \! 828 \\ w = \! 40 \ , \ h = \! 13 \ , \ x = \! 0 \ , \ y = \! 87 \ , \ v = \! 520 \end{array}$$





 $\begin{array}{l} w = \!\! 42 \ , \ h = \!\! 89 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3738 \\ w = \!\! 32 \ , \ h = \!\! 89 \ , \ x = \!\! 42 \ , \ y = \!\! 0 \ , \ v = \!\! 2848 \\ w = \!\! 23 \ , \ h = \!\! 97 \ , \ x = \!\! 77 \ , \ y = \!\! 0 \ , \ v = \!\! 2231 \\ w = \!\! 3 \ , \ h = \!\! 89 \ , \ x = \!\! 74 \ , \ y = \!\! 0 \ , \ v = \!\! 267 \end{array}$





$$\begin{array}{l} w = \! 49 \ , \ h = \! 71 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3479 \\ w = \! 37 \ , \ h = \! 94 \ , \ x = \! 49 \ , \ y = \! 0 \ , \ v = \! 3478 \end{array}$$

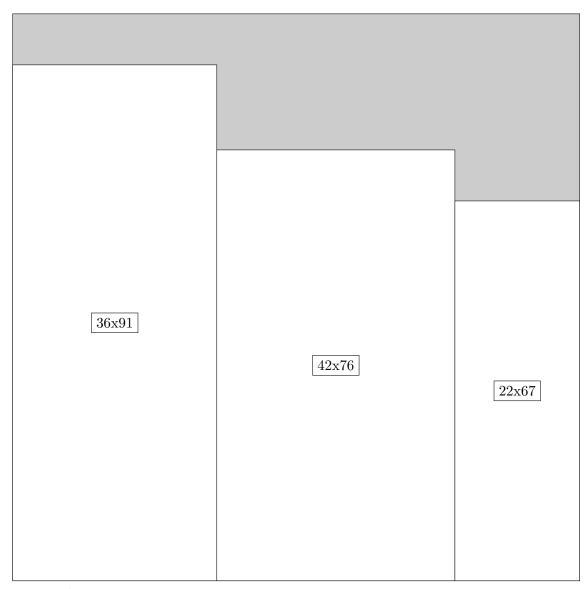
$$\mathbf{w}$$
 =14 , h =90 , x =86 , y =0 , v =1260

19x28			
	48x72	38x72	14x45

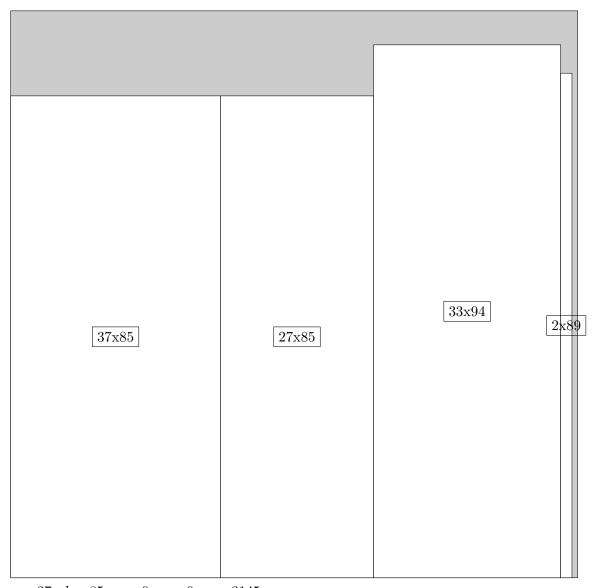
$$\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 72 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3456 \\ w = \!\! 38 \ , \ h = \!\! 72 \ , \ x = \!\! 48 \ , \ y = \!\! 0 \ , \ v = \!\! 2736 \end{array}$$

$$\le =14$$
 , h =45 , x =86 , y =0 , v =630

$$w = 19$$
, $h = 28$, $x = 0$, $y = 72$, $v = 532$

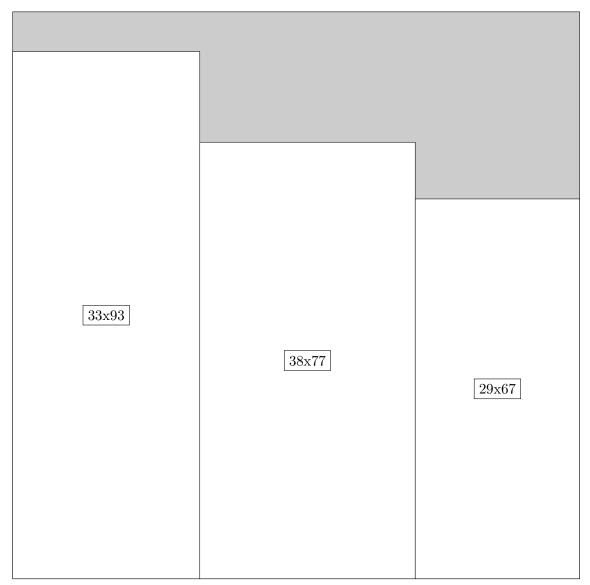


$$\begin{array}{l} w = & 36 \ , \ h = & 91 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 3276 \\ w = & 42 \ , \ h = & 76 \ , \ x = & 36 \ , \ y = & 0 \ , \ v = & 3192 \\ w = & 22 \ , \ h = & 67 \ , \ x = & 78 \ , \ y = & 0 \ , \ v = & 1474 \end{array}$$



 $\begin{array}{l} w = \! 37 \ , \ h = \! 85 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3145 \\ w = \! 33 \ , \ h = \! 94 \ , \ x = \! 64 \ , \ y = \! 0 \ , \ v = \! 3102 \\ w = \! 27 \ , \ h = \! 85 \ , \ x = \! 37 \ , \ y = \! 0 \ , \ v = \! 2295 \end{array}$

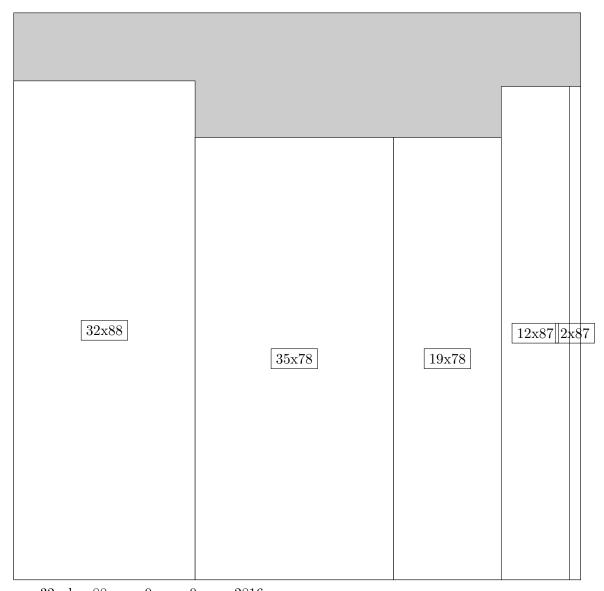
 \mathbf{w} =2 , h =89 , x =97 , y =0 , v =178



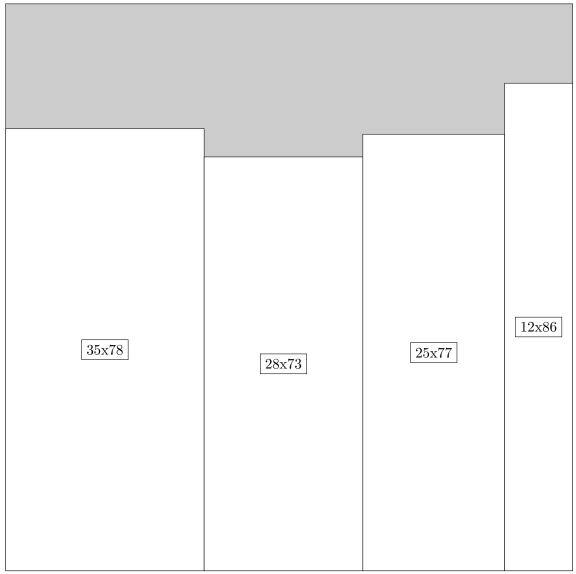
$$w = 33$$
, $h = 93$, $x = 0$, $y = 0$, $v = 3069$

$$\le =38$$
 , h =77 , x =33 , y =0 , v =2926

$$\le =29$$
 , h =67 , x =71 , y =0 , v =1943



 $\begin{array}{l} w = 32 \; , \; h = 88 \; , \; x = 0 \; , \; y = 0 \; , \; v = 2816 \\ w = 35 \; , \; h = 78 \; , \; x = 32 \; , \; y = 0 \; , \; v = 2730 \\ w = 12 \; , \; h = 87 \; , \; x = 86 \; , \; y = 0 \; , \; v = 1044 \\ w = 19 \; , \; h = 78 \; , \; x = 67 \; , \; y = 0 \; , \; v = 1482 \\ w = 2 \; , \; h = 87 \; , \; x = 98 \; , \; y = 0 \; , \; v = 174 \end{array}$

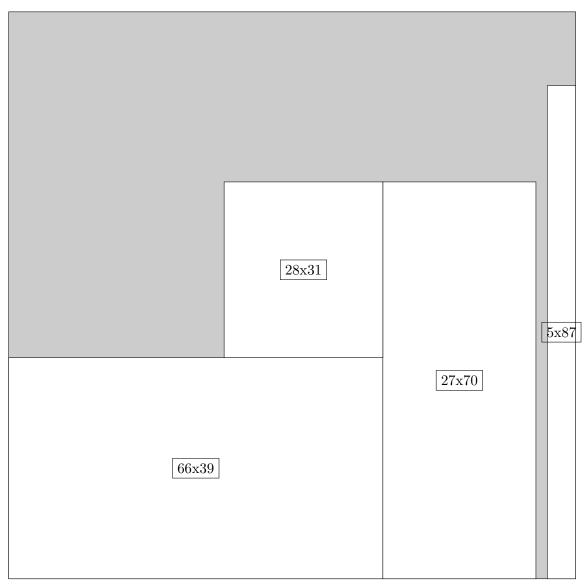


$$\le =35$$
 , h =78 , x =0 , y =0 , v =2730

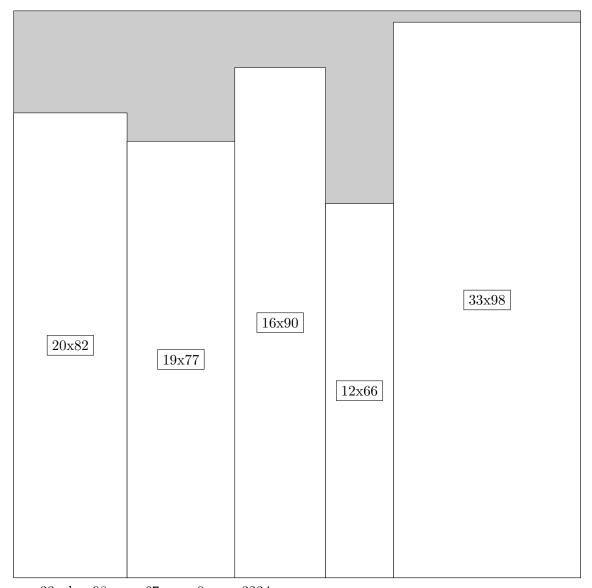
$$\le =28$$
 , h =73 , x =35 , y =0 , v =2044

$$\le =25$$
 , h =77 , x =63 , y =0 , v =1925

$$\mathbf{w}$$
 =12 , h =86 , x =88 , y =0 , v =1032



 $\begin{array}{l} w = \!\!66 \ , \ h = \!\!39 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!2574 \\ w = \!\!27 \ , \ h = \!\!70 \ , \ x = \!\!66 \ , \ y = \!\!0 \ , \ v = \!\!1890 \\ w = \!\!28 \ , \ h = \!\!31 \ , \ x = \!\!38 \ , \ y = \!\!39 \ , \ v = \!\!868 \\ w = \!\!5 \ , \ h = \!\!87 \ , \ x = \!\!95 \ , \ y = \!\!0 \ , \ v = \!\!435 \end{array}$



$$\le =33$$
 , h =98 , x =67 , y =0 , v =3234

$$\le =20$$
 , $h=82$, $x=0$, $y=0$, $v=1640$

$$\le =19$$
 , h =77 , x =20 , y =0 , v =1463

$$\mathbf{w}$$
 =16 , h =90 , x =39 , y =0 , v =1440

$$w = 12$$
, $h = 66$, $x = 55$, $y = 0$, $v = 792$