$ClassName: \ Class_05.2bp\text{-}36$

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

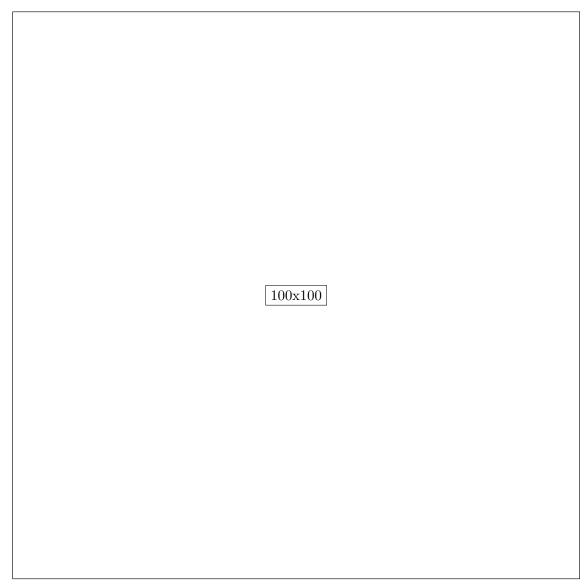
TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>270000</u> InS: <u>227546</u> Rate: <u>0.843</u> UB: <u>27</u> LB0: <u>27</u>

LB: **27**

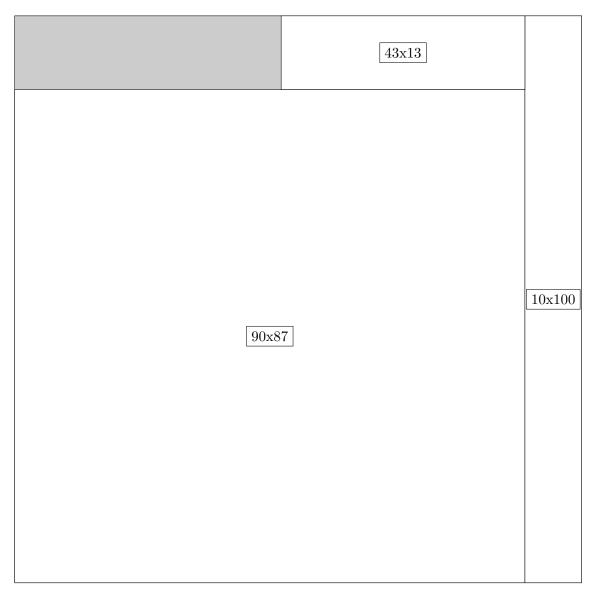
LBWithCut: $\underline{\mathbf{27}}$ NodeCut: $\underline{\mathbf{0}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{27}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: **true**

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 0.141 s



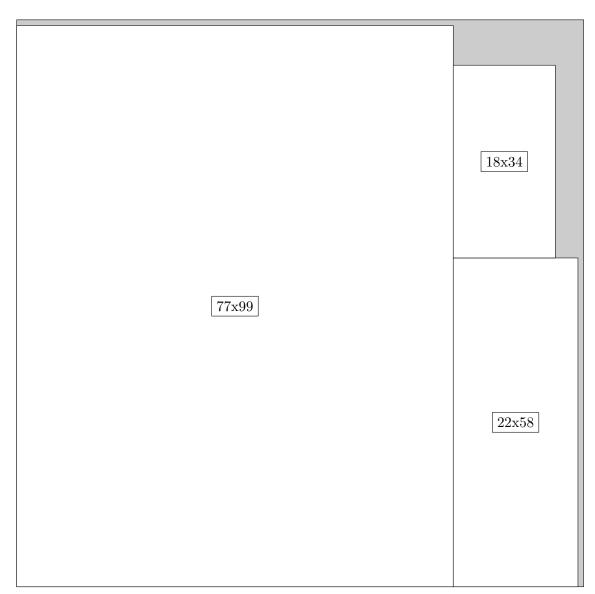
 \mathbf{w} =100 , h =100 , x =0 , y =0 , v =10000



w = 90, h = 87, x = 0, y = 0, v = 7830

 $\le =10$, h =100 , x =90 , y =0 , v =1000

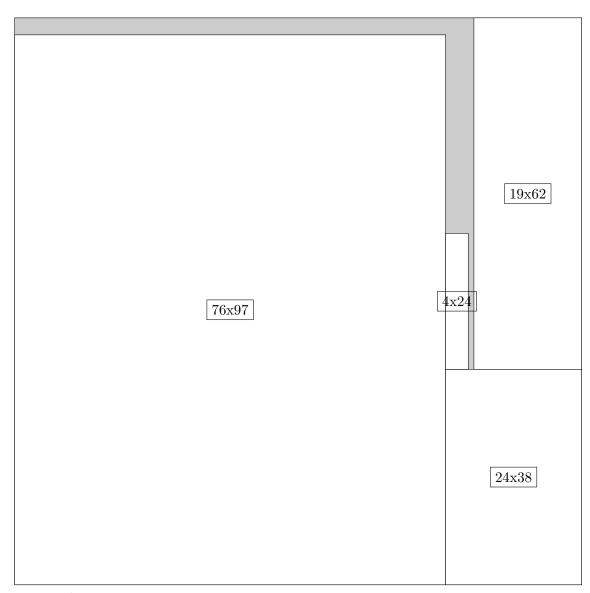
 $\le =43$, h =13 , x =47 , y =87 , v =559



$$w = 77 \ , \ h = 99 \ , \ x = 0 \ , \ y = 0 \ , \ v = 7623$$

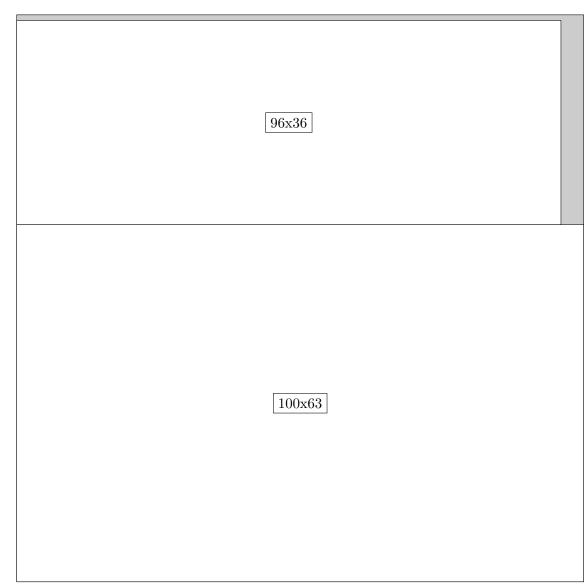
$$\le =22$$
 , h =58 , x =77 , y =0 , v =1276

$$w=\!18$$
 , $h=\!34$, $x=\!77$, $y=\!58$, $v=\!612$

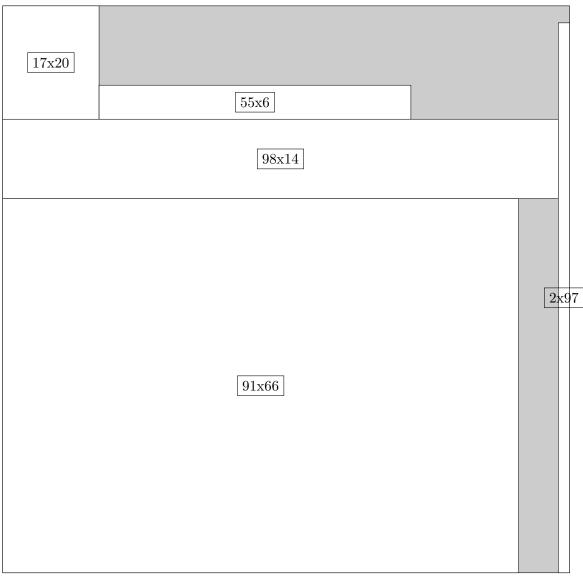


 $\le =24$, h =38 , x =76 , y =0 , v =912

w = 4, h = 24, x = 76, y = 38, v = 96



$$\begin{array}{c} w = \! 100 \; , \; h = \! 63 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 6300 \\ w = \! 96 \; , \; h = \! 36 \; , \; x = \! 0 \; , \; y = \! 63 \; , \; v = \! 3456 \\ \end{array}$$



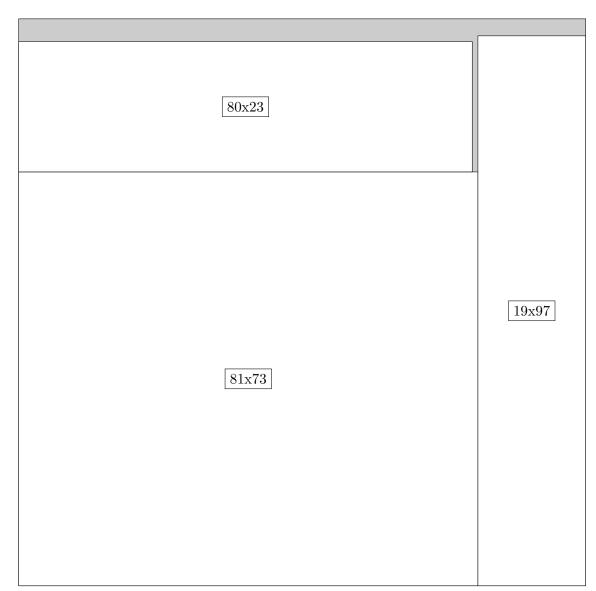
$$\le =91$$
 , $h=66$, $x=0$, $y=0$, $v=6006$

$$\le =98$$
 , h =14 , x =0 , y =66 , v =1372

$$\le =17$$
 , h =20 , x =0 , y =80 , v =340

$$w = 55$$
, $h = 6$, $x = 17$, $y = 80$, $v = 330$

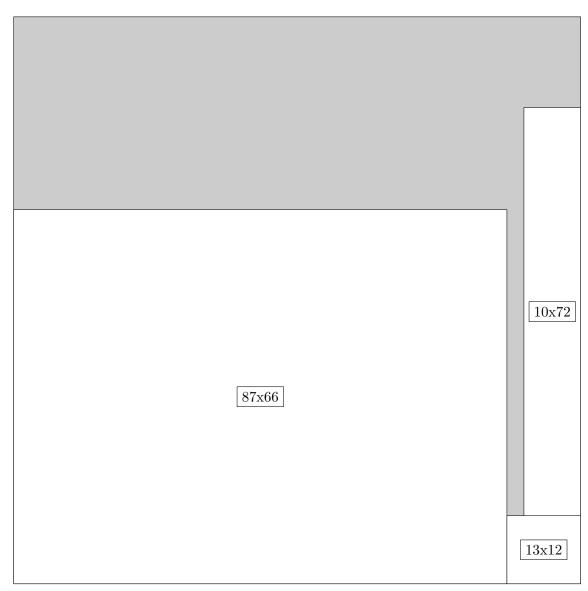
$$\mathbf{w}$$
 =2 , h =97 , x =98 , y =0 , v =194



$$\le =81$$
 , h =73 , x =0 , y =0 , v =5913

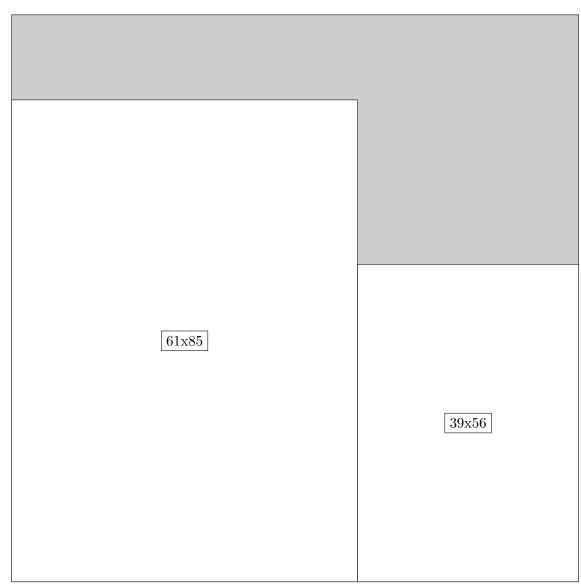
$$\le =19$$
 , h =97 , x =81 , y =0 , v =1843

$$\le =80$$
 , h =23 , x =0 , y =73 , v =1840

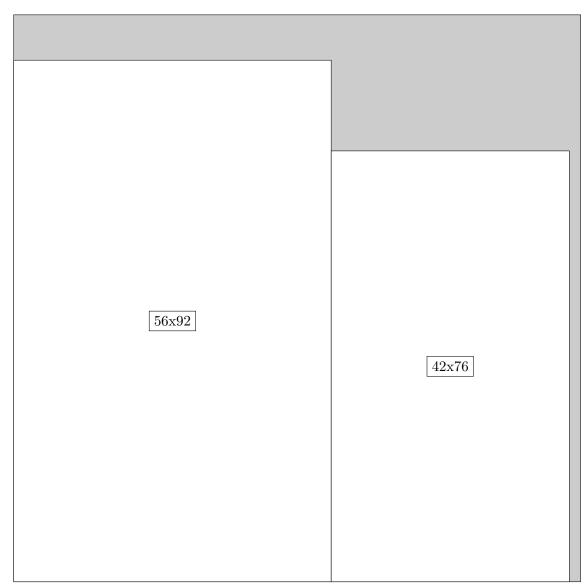


$$\begin{array}{l} w = \!\!87 \ , \ h = \!\!66 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!5742 \\ w = \!\!10 \ , \ h = \!\!72 \ , \ x = \!\!90 \ , \ y = \!\!12 \ , \ v = \!\!720 \end{array}$$

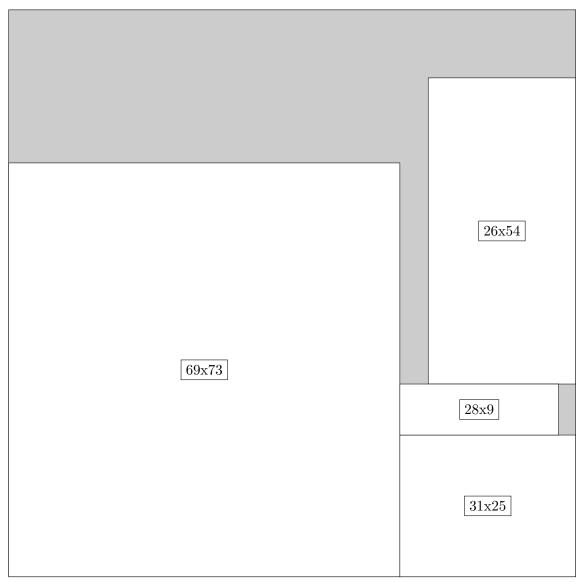
$$w$$
 =13 , h =12 , x =87 , y =0 , v =156



$$\begin{array}{c} w = \! 61 \; , \; h = \! 85 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 5185 \\ w = \! 39 \; , \; h = \! 56 \; , \; x = \! 61 \; , \; y = \! 0 \; , \; v = \! 2184 \\ \end{array}$$



$$\begin{array}{c} w = \!\! 56 \; , \; h = \!\! 92 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 5152 \\ w = \!\! 42 \; , \; h = \!\! 76 \; , \; x = \!\! 56 \; , \; y = \!\! 0 \; , \; v = \!\! 3192 \end{array}$$

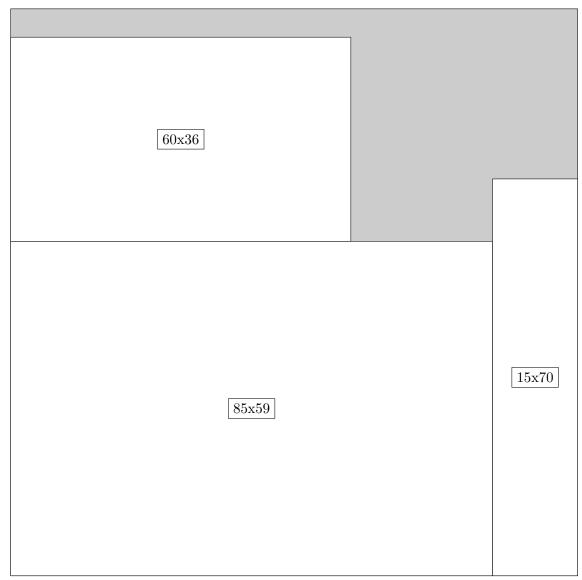


$$\le =69$$
 , $h=73$, $x=0$, $y=0$, $v=5037$

$$\le =26$$
 , h =54 , x =74 , y =34 , v =1404

$$\le =31$$
 , h =25 , x =69 , y =0 , v =775

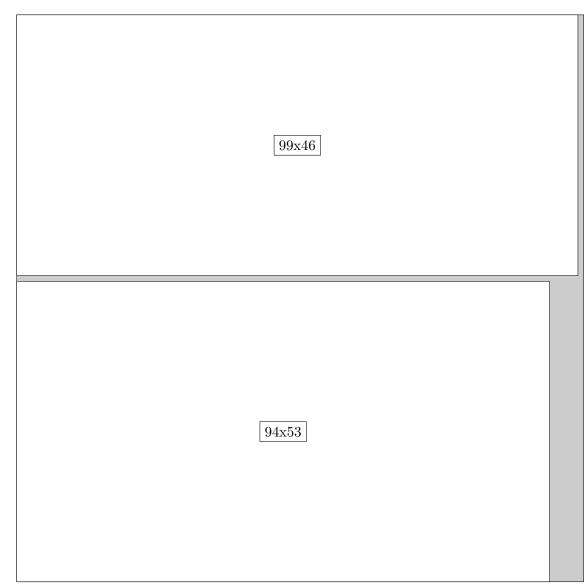
$$w=\!28$$
 , $h=\!9$, $x=\!69$, $y=\!25$, $v=\!252$



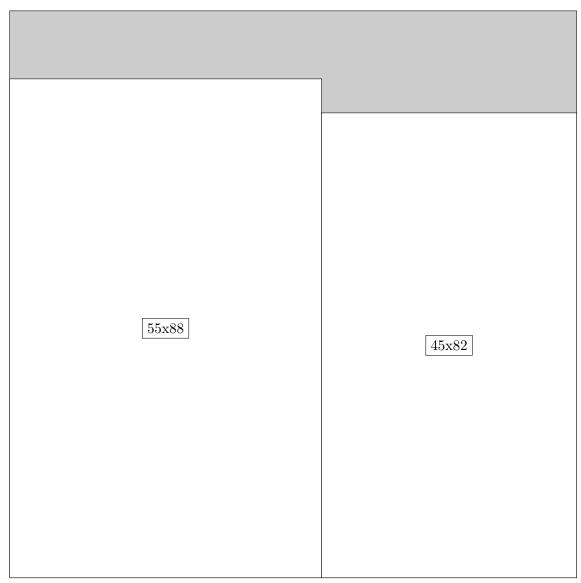
$$\le =85$$
 , h =59 , x =0 , y =0 , v =5015

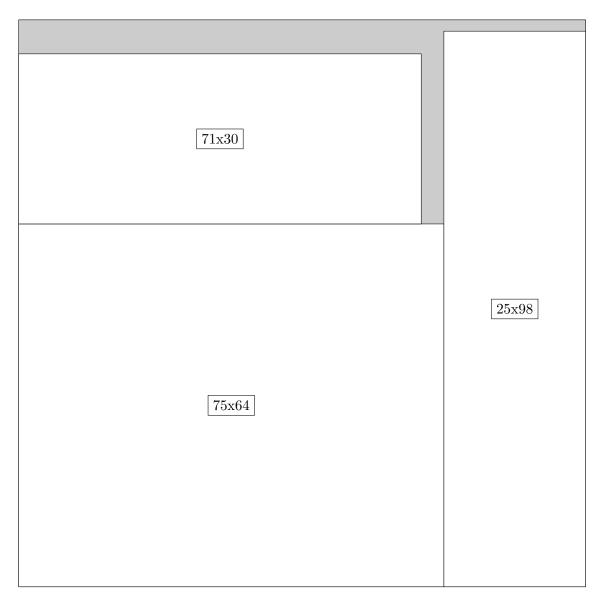
$$\le =60$$
 , h =36 , x =0 , y =59 , v =2160

$$\le =15$$
 , $h=70$, $x=85$, $y=0$, $v=1050$



$$\begin{array}{c} w = 94 \; , \; h = \!\! 53 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 4982 \\ w = \!\! 99 \; , \; h = \!\! 46 \; , \; x = \!\! 0 \; , \; y = \!\! 54 \; , \; v = \!\! 4554 \\ \end{array}$$





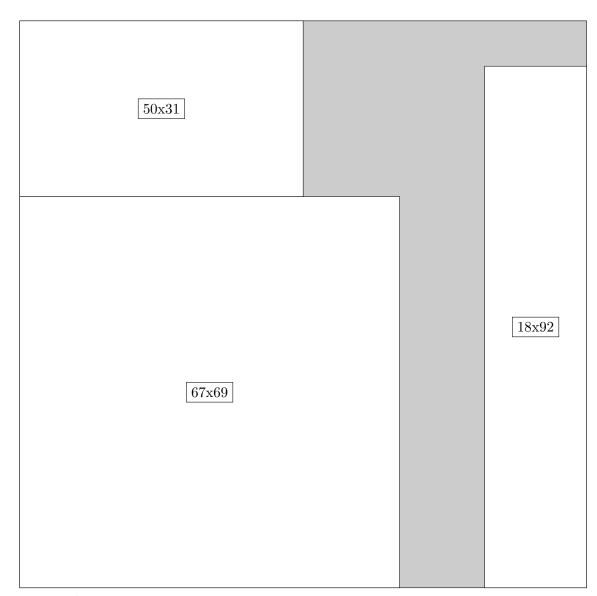
$$w = 75$$
, $h = 64$, $x = 0$, $y = 0$, $v = 4800$

$$\le =25$$
 , h =98 , x =75 , y =0 , v =2450

$$\le =71$$
 , h =30 , x =0 , y =64 , v =2130

53x88	47x88

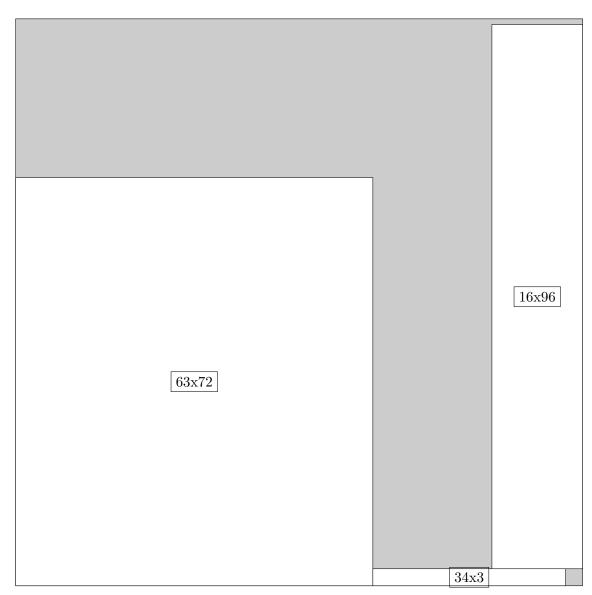
$$\begin{array}{c} w = \!\! 53 \; , \; h = \!\! 88 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 4664 \\ w = \!\! 47 \; , \; h = \!\! 88 \; , \; x = \!\! 53 \; , \; y = \!\! 0 \; , \; v = \!\! 4136 \\ \end{array}$$



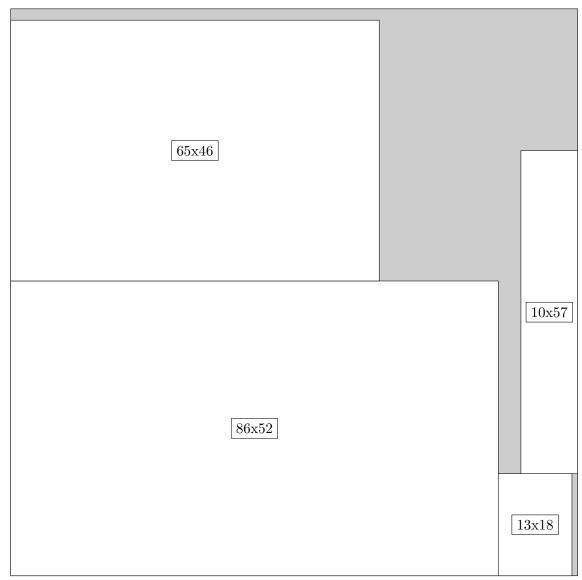
$$\le =67$$
 , h =69 , x =0 , y =0 , v =4623

$$\le =18$$
 , h =92 , x =82 , y =0 , v =1656

$$\le =50$$
 , h =31 , x =0 , y =69 , v =1550



 $\begin{array}{l} w = \!\!63 \ , \ h = \!\!72 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!4536 \\ w = \!\!16 \ , \ h = \!\!96 \ , \ x = \!\!84 \ , \ y = \!\!3 \ , \ v = \!\!1536 \\ w = \!\!34 \ , \ h = \!\!3 \ , \ x = \!\!63 \ , \ y = \!\!0 \ , \ v = \!\!102 \end{array}$

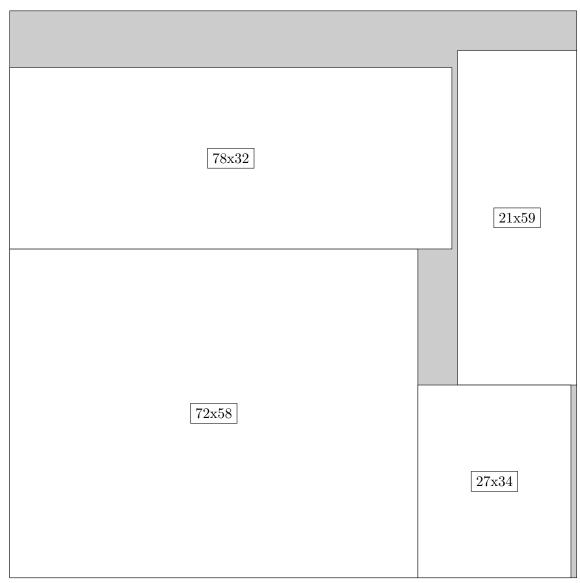


$$\le =86$$
 , h =52 , x =0 , y =0 , v =4472

$$\le =65$$
 , h =46 , x =0 , y =52 , v =2990

$$\le =10$$
 , $h=\!57$, $x=\!90$, $y=\!18$, $v=\!570$

$$\mathbf{w}$$
 =13 , h =18 , x =86 , y =0 , v =234

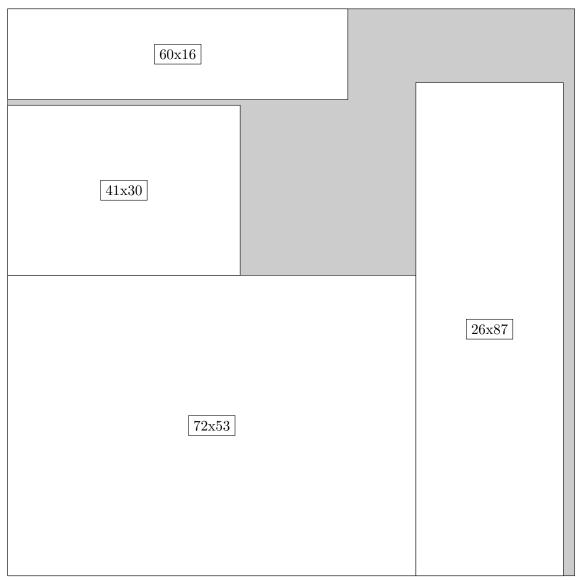


$$\mathbf{w}$$
 =72 , h =58 , x =0 , y =0 , v =4176

$$\le -78$$
 , h =32 , x =0 , y =58 , v =2496

$$\le =21$$
 , h =59 , x =79 , y =34 , v =1239

$$\mathbf{w}$$
 =27 , h =34 , x =72 , y =0 , v =918

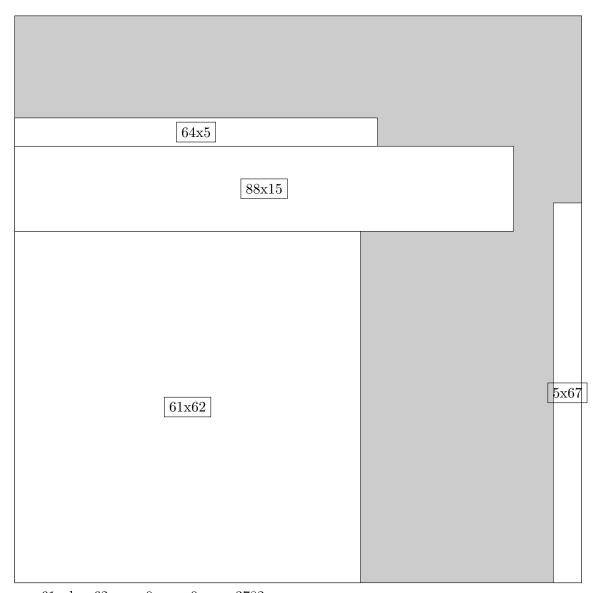


$$\le -72$$
 , h =
53 , x =
0 , y =
0 , v =
3816

$$\le =26$$
 , h =87 , x =72 , y =0 , v =2262

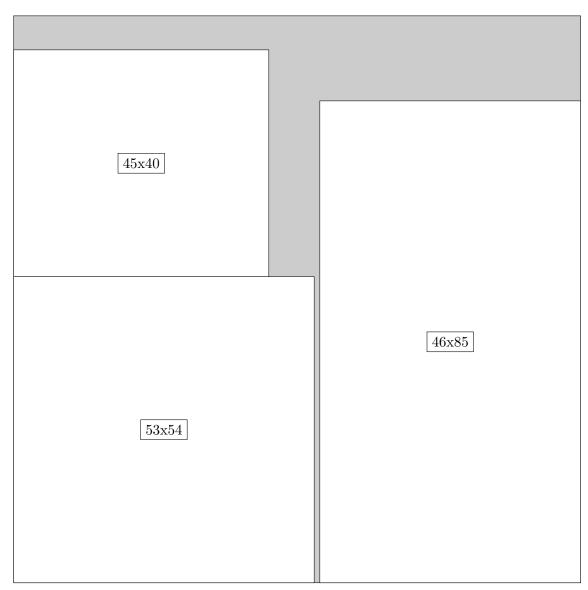
$$\le =41$$
 , h =30 , x =0 , y =53 , v =1230

$$\mathbf{w}$$
 =60 , h =16 , x =0 , y =84 , v =960



$$\begin{array}{l} w = \!\!61 \ , \ h = \!\!62 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!3782 \\ w = \!\!88 \ , \ h = \!\!15 \ , \ x = \!\!0 \ , \ y = \!\!62 \ , \ v = \!\!1320 \\ w = \!\!5 \ , \ h = \!\!67 \ , \ x = \!\!95 \ , \ y = \!\!0 \ , \ v = \!\!335 \end{array}$$

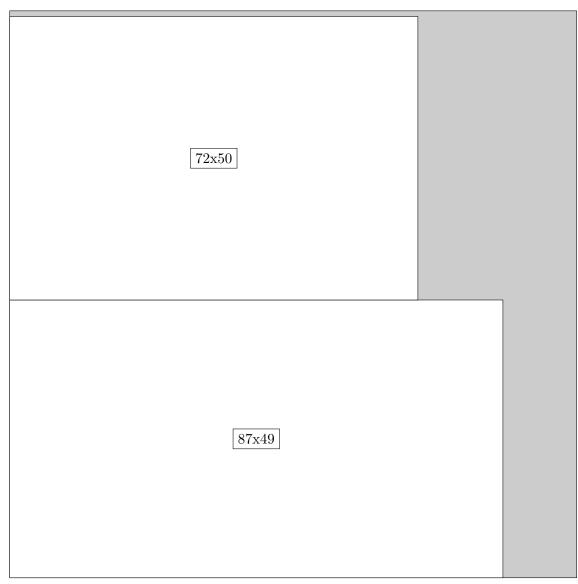
$$w = 64$$
, $h = 5$, $x = 0$, $y = 77$, $v = 320$



$$w = 46$$
, $h = 85$, $x = 54$, $y = 0$, $v = 3910$

$$\le =53$$
 , $h=54$, $x=0$, $y=0$, $v=2862$

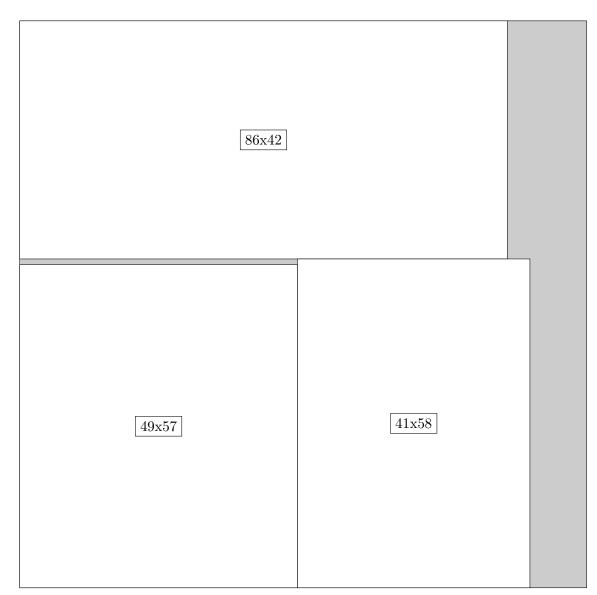
$$\le =45$$
 , $h=\!40$, $x=\!0$, $y=\!54$, $v=\!1800$



$$\begin{array}{c} w = \! 87 \; , \; h = \! 49 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4263 \\ w = \! 72 \; , \; h = \! 50 \; , \; x = \! 0 \; , \; y = \! 49 \; , \; v = \! 3600 \\ \end{array}$$

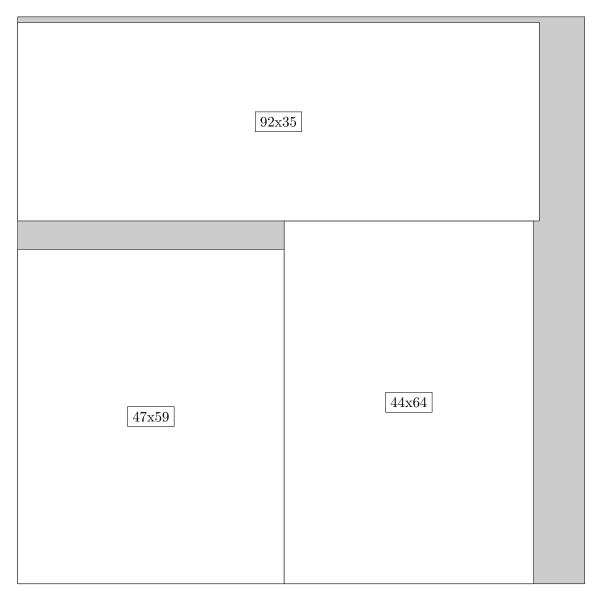
46x44	$54\mathrm{x}50$
$67 \mathrm{x} 50$	

$$\begin{array}{l} w = \! 67 \; , \; h = \! 50 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 3350 \\ w = \! 54 \; , \; h = \! 50 \; , \; x = \! 46 \; , \; y = \! 50 \; , \; v = \! 2700 \\ w = \! 46 \; , \; h = \! 44 \; , \; x = \! 0 \; , \; y = \! 50 \; , \; v = \! 2024 \end{array}$$



$$\begin{array}{l} w = \!\!86 \ , \ h = \!\!42 \ , \ x = \!\!0 \ , \ y = \!\!58 \ , \ v = \!\!3612 \\ w = \!\!49 \ , \ h = \!\!57 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!2793 \end{array}$$

$$w = 41$$
, $h = 58$, $x = 49$, $y = 0$, $v = 2378$



$$\mathbf{w}$$
 =47 , h =59 , x =0 , y =0 , v =2773

$$\le =44$$
 , $h=\!64$, $x=\!47$, $y=\!0$, $v=\!2816$

$$\le =92$$
 , h =35 , x =0 , y =64 , v =3220