$ClassName: \ Class_05.2bp-40$

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

TypeNum: <u>100</u> Num: <u>100</u> OutS: <u>240000</u> InS: <u>225667</u> Rate: <u>0.940</u> UB: <u>24</u> LB0: <u>24</u>

LB: <u>24</u> LBWithCut: <u>24</u> NodeCut: <u>0</u>

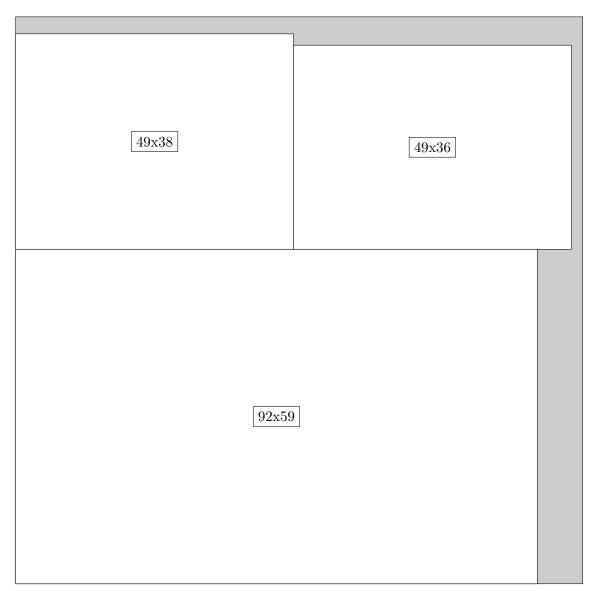
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: 1
PrimalNode: 0
ColumnCount: 24
TotalCutCount: 0
RootCutCount: 0
LPSolverCnt: 1
PricingSolverCnt: 0
BranchAndBoundNum: 1

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

TimeOnInitSolution: $\underline{120.020 \text{ s}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 120.176 s



$$\le 92$$
 , ≤ 59 , ≥ 10 , \ge

$$\le =49$$
 , h =38 , x =0 , y =59 , v =1862

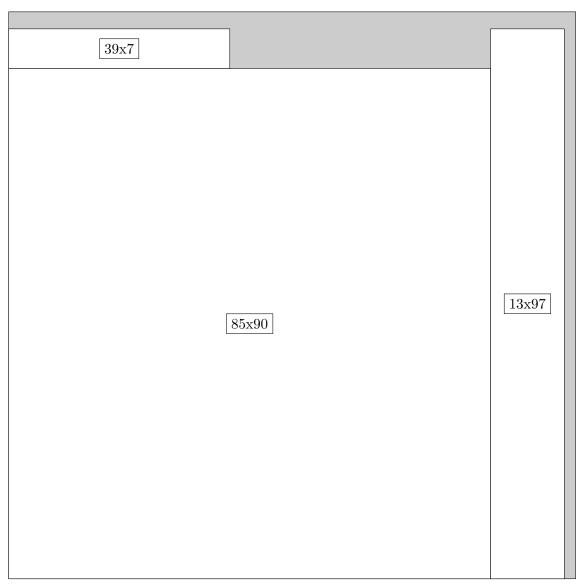
$$\le =49$$
 , h =36 , x =49 , y =59 , v =1764

1x7 68x8 24x7 93x91

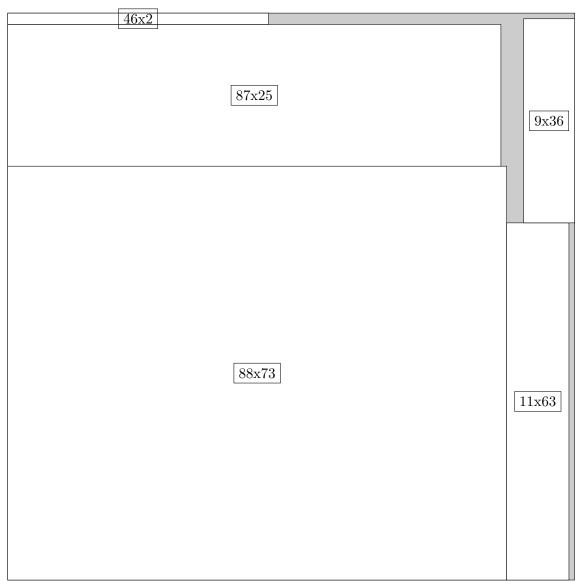
 $\begin{array}{l} w = \! 93 \ , \ h = \! 91 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 8463 \\ w = \! 24 \ , \ h = \! 7 \ , \ x = \! 68 \ , \ y = \! 91 \ , \ v = \! 168 \\ w = \! 68 \ , \ h = \! 8 \ , \ x = \! 0 \ , \ y = \! 91 \ , \ v = \! 544 \\ w = \! 1 \ , \ h = \! 7 \ , \ x = \! 92 \ , \ y = \! 91 \ , \ v = \! 7 \end{array}$

	100x14	
14x4	64x3	
	98x82	

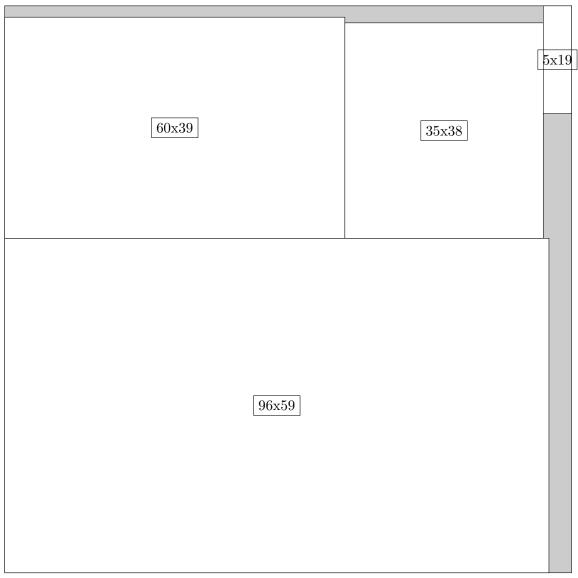
$$\begin{array}{l} w = \! 98 \;,\; h = \! 82 \;,\; x = \! 0 \;,\; y = \! 0 \;,\; v = \! 8036 \\ w = \! 100 \;,\; h = \! 14 \;,\; x = \! 0 \;,\; y = \! 86 \;,\; v = \! 1400 \\ w = \! 64 \;,\; h = \! 3 \;,\; x = \! 14 \;,\; y = \! 82 \;,\; v = \! 192 \\ w = \! 14 \;,\; h = \! 4 \;,\; x = \! 0 \;,\; y = \! 82 \;,\; v = \! 56 \end{array}$$



$$\begin{array}{l} w = \! 85 \ , \ h = \! 90 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7650 \\ w = \! 13 \ , \ h = \! 97 \ , \ x = \! 85 \ , \ y = \! 0 \ , \ v = \! 1261 \\ w = \! 39 \ , \ h = \! 7 \ , \ x = \! 0 \ , \ y = \! 90 \ , \ v = \! 273 \end{array}$$



$$\begin{array}{l} w = \! 88 \;,\; h = \! 73 \;,\; x = \! 0 \;,\; y = \! 0 \;,\; v = \! 6424 \\ w = \! 87 \;,\; h = \! 25 \;,\; x = \! 0 \;,\; y = \! 73 \;,\; v = \! 2175 \\ w = \! 11 \;,\; h = \! 63 \;,\; x = \! 88 \;,\; y = \! 0 \;,\; v = \! 693 \\ w = \! 9 \;,\; h = \! 36 \;,\; x = \! 91 \;,\; y = \! 63 \;,\; v = \! 324 \\ w = \! 46 \;,\; h = \! 2 \;,\; x = \! 0 \;,\; y = \! 98 \;,\; v = \! 92 \end{array}$$

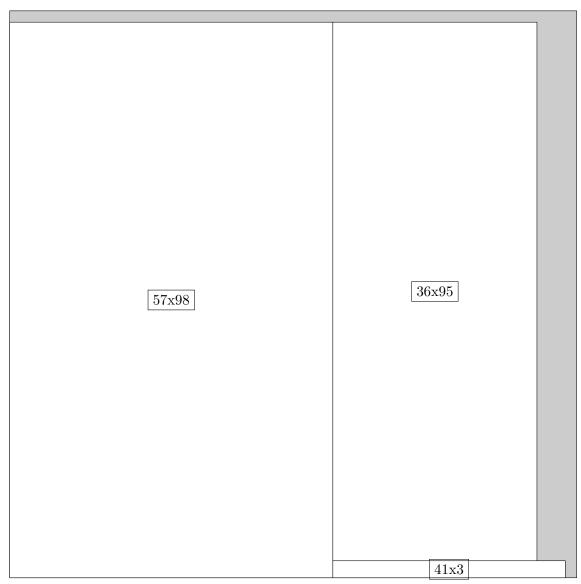


$$\le =96$$
 , h =59 , x =0 , y =0 , v =
5664

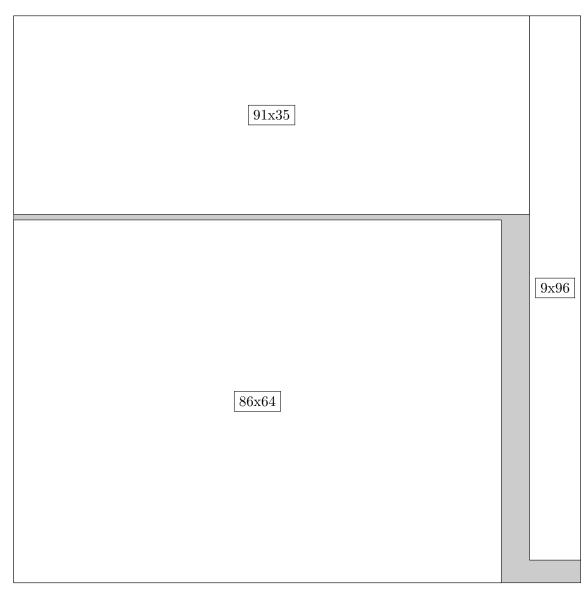
$$\le =60$$
 , h =39 , x =0 , y =59 , v =2340

$$\le =35$$
 , h =38 , x =60 , y =59 , v =1330

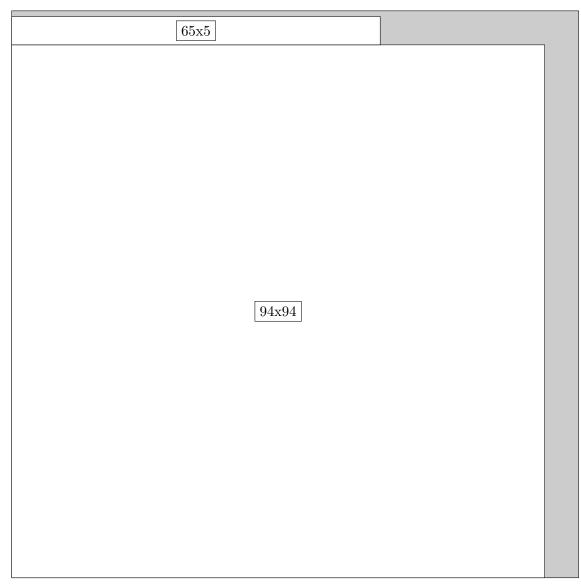
$$w=\!5$$
 , $h=\!19$, $x=\!95$, $y=\!81$, $v=\!95$



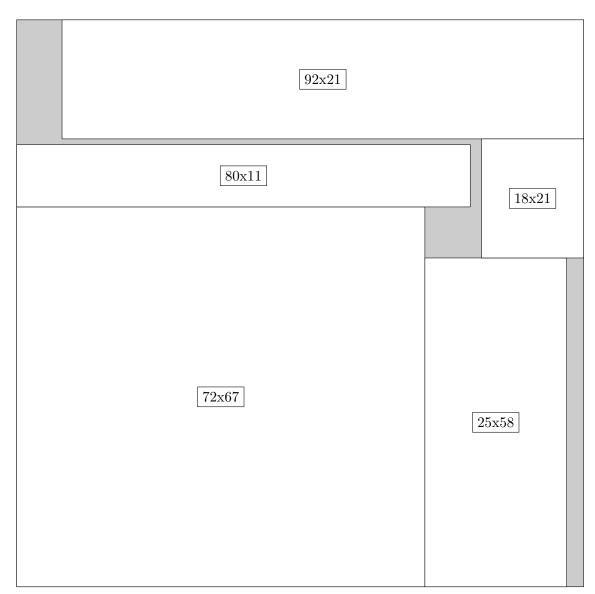
 $\begin{array}{l} w = \!57 \;,\; h = \!98 \;,\; x = \!0 \;,\; y = \!0 \;,\; v = \!5586 \\ w = \!36 \;,\; h = \!95 \;,\; x = \!57 \;,\; y = \!3 \;,\; v = \!3420 \\ w = \!41 \;,\; h = \!3 \;,\; x = \!57 \;,\; y = \!0 \;,\; v = \!123 \end{array}$



$$\begin{array}{l} w = \!\!86 \ , \ h = \!\!64 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!5504 \\ w = \!\!91 \ , \ h = \!\!35 \ , \ x = \!\!0 \ , \ y = \!\!65 \ , \ v = \!\!3185 \\ w = \!\!9 \ , \ h = \!\!96 \ , \ x = \!\!91 \ , \ y = \!\!4 \ , \ v = \!\!864 \end{array}$$



$$\begin{array}{l} w = \! 94 \ , \, h = \! 94 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 8836 \\ w = \! 65 \ , \, h = \! 5 \ , \, x = \! 0 \ , \, y = \! 94 \ , \, v = \! 325 \end{array}$$



$$w$$
 =72 , h =67 , x =0 , y =0 , v =4824

$$\le =92$$
 , h =21 , x =8 , y =79 , v =1932

$$\le =25$$
 , h =58 , x =72 , y =0 , v =1450

$$\le =80$$
 , h =11 , x =0 , y =67 , v =880

$$w$$
 =18 , h =21 , x =82 , y =58 , v =378

54x29	25x27	19x27
83x70		17x61

$$w = 83$$
, $h = 70$, $x = 0$, $y = 0$, $v = 5810$

$$\le =54$$
 , h =29 , x =0 , y =70 , v =1566

$$\le =17$$
 , h =61 , x =83 , y =0 , v =1037

$$\le =25$$
 , h =27 , x =54 , y =70 , v =675

$$\le =19$$
 , h =27 , x =79 , y =70 , v =513

	98x24	
68x75		32x75

$$\le =68$$
 , h =75 , x =0 , y =0 , v =5100

$$\le =98$$
 , h =24 , x =0 , y =76 , v =2352

$$\le =32$$
 , h =75 , x =68 , y =0 , v =2400

10x31	88x21			
	62x68		20x79	17x79

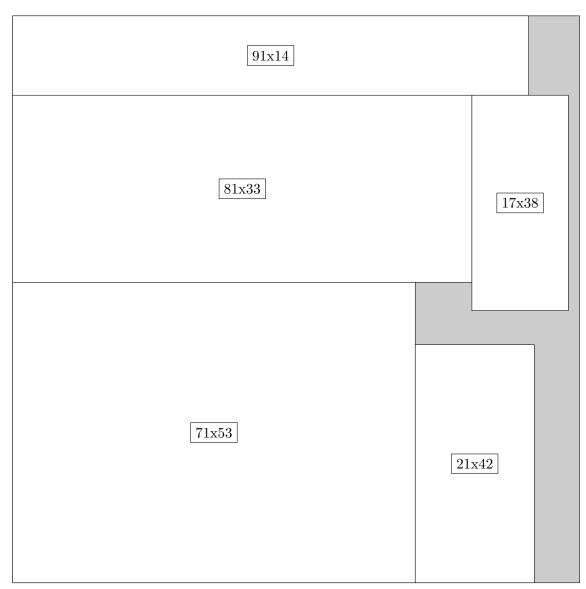
$$\mathbf{w}$$
 =62 , h =68 , x =0 , y =0 , v =4216

$$\le =88$$
 , h =21 , x =10 , y =79 , v =1848

$$\le =20$$
 , h =79 , x =62 , y =0 , v =1580

$$\le =17$$
 , h =79 , x =82 , y =0 , v =1343

$$\le =10$$
 , h =31 , x =0 , y =68 , v =310



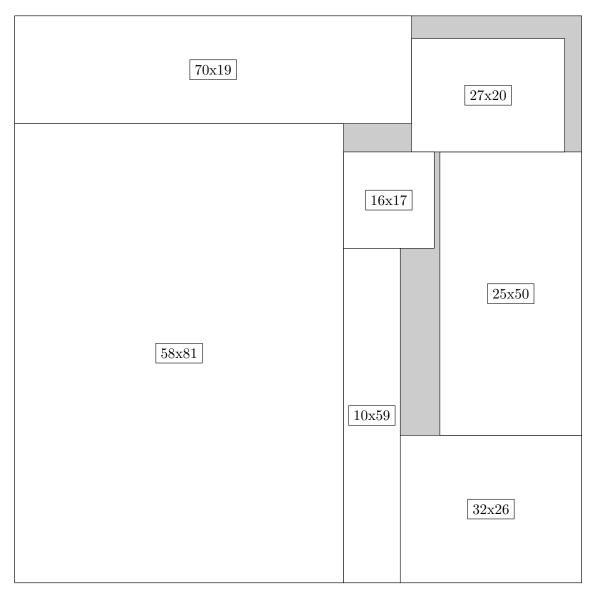
$$w$$
 =81 , h =33 , x =0 , y =53 , v =2673

$$\le =71$$
 , $h=53$, $x=0$, $y=0$, $v=3763$

$$\le =91$$
 , $h=14$, $x=0$, $y=86$, $v=1274$

$$\le =21$$
 , $h=42$, $x=71$, $y=0$, $v=882$

$$\le =17$$
 , h =38 , x =81 , y =48 , v =646



$$\le =32$$
 , $h=26$, $x=68$, $y=0$, $v=832$

$$\le 58$$
 , h =81 , x =0 , y =0 , v =4698

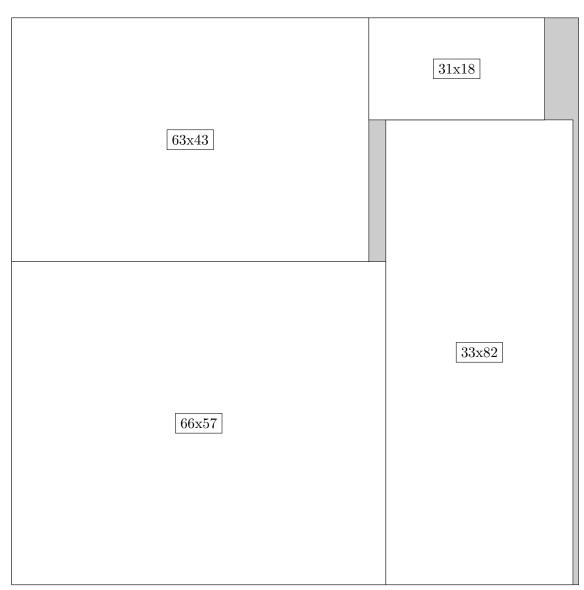
$$\le =70$$
 , h =19 , x =0 , y =81 , v =1330

$$\le =25$$
 , h =50 , x =75 , y =26 , v =1250

$$\le =10$$
 , $h=59$, $x=58$, $y=0$, $v=590$

$$w=\!27$$
 , $h=\!20$, $x=\!70$, $y=\!76$, $v=\!540$

$$w$$
 =16 , h =17 , x =58 , y =59 , v =272

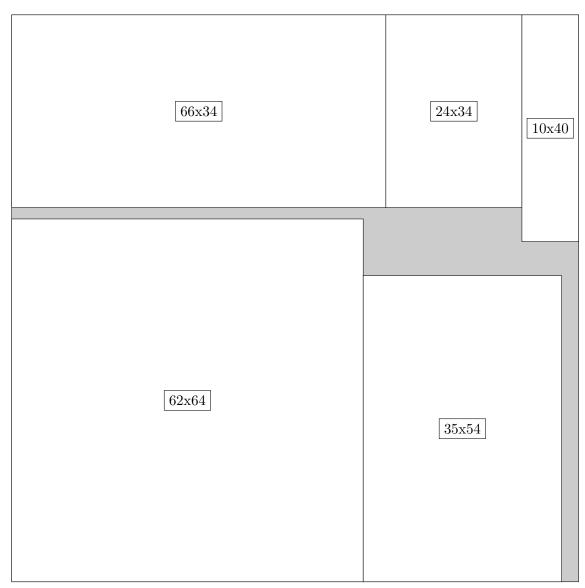


$$\le =66$$
 , h =57 , x =0 , y =0 , v =3762

$$\le =63$$
 , h =43 , x =0 , y =57 , v =2709

$$\le =33$$
 , h =82 , x =66 , y =0 , v =2706

$$\le =31$$
 , h =18 , x =63 , y =82 , v =558



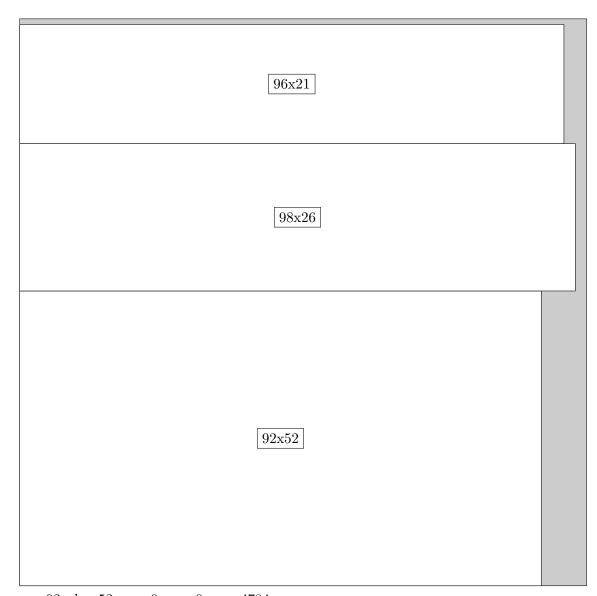
$$w = 62$$
, $h = 64$, $x = 0$, $y = 0$, $v = 3968$

$$w = 66$$
, $h = 34$, $x = 0$, $y = 66$, $v = 2244$

$$\le =35$$
 , h =54 , x =62 , y =0 , v =1890

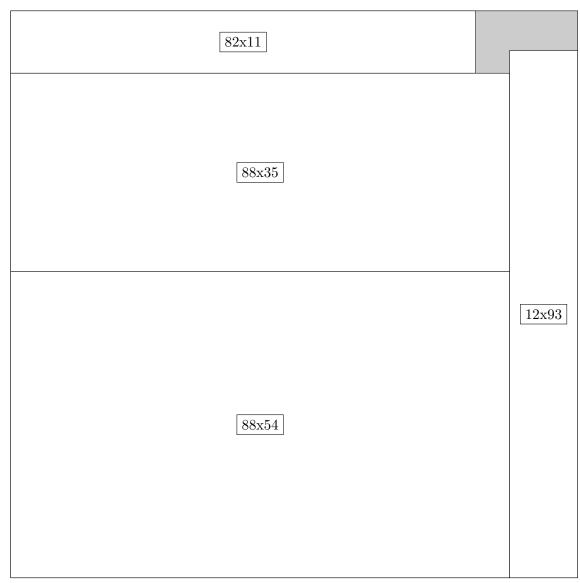
$$\le =24$$
 , h =34 , x =66 , y =66 , v =816

$$\mathbf{w}$$
 =10 , h =40 , x =90 , y =60 , v =400



$$\begin{array}{l} w = \! 92 \ , \ h = \! 52 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4784 \\ w = \! 98 \ , \ h = \! 26 \ , \ x = \! 0 \ , \ y = \! 52 \ , \ v = \! 2548 \end{array}$$

$$\le =96$$
 , h =21 , x =0 , y =78 , v =2016

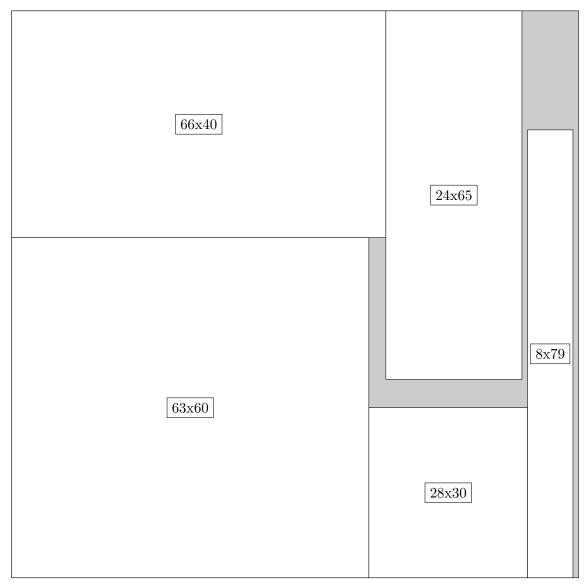


$$\le =88$$
 , h =54 , x =0 , y =0 , v =4752

$$\le =82$$
 , h =11 , x =0 , y =89 , v =902

$$\le =88$$
 , h =35 , x =0 , y =54 , v =3080

$$\mathbf{w}$$
 =12 , h =93 , x =88 , y =0 , v =1116



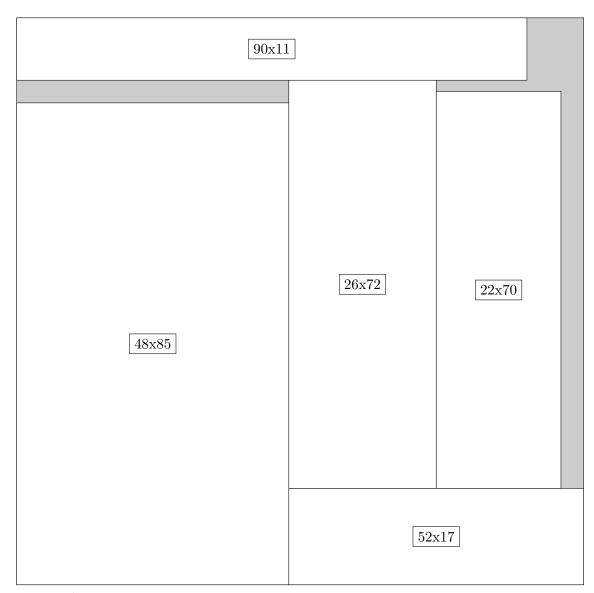
$$w = 63$$
, $h = 60$, $x = 0$, $y = 0$, $v = 3780$

$$\le =66$$
 , $h=\!40$, $x=\!0$, $y=\!60$, $v=\!2640$

$$\le =24$$
 , h =65 , x =66 , y =35 , v =1560

$$\le =28$$
 , h =30 , x =63 , y =0 , v =840

$$w = 8$$
, $h = 79$, $x = 91$, $y = 0$, $v = 632$



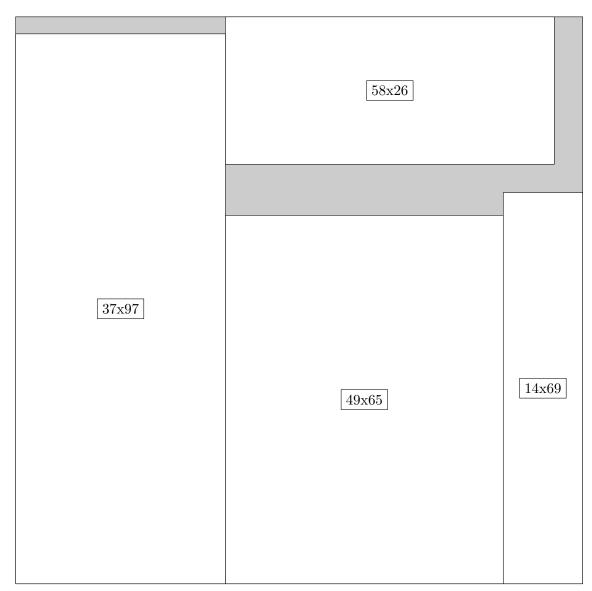
$$\le =48$$
 , h =85 , x =0 , y =0 , v =4080

$$\le =26$$
 , $h=72$, $x=48$, $y=17$, $v=1872$

$$\le =22$$
 , h =70 , x =74 , y =17 , v =1540

$$\mathbf{w}$$
 =90 , h =11 , x =0 , y =89 , v =990

$$w$$
 =52 , h =17 , x =48 , y =0 , v =884

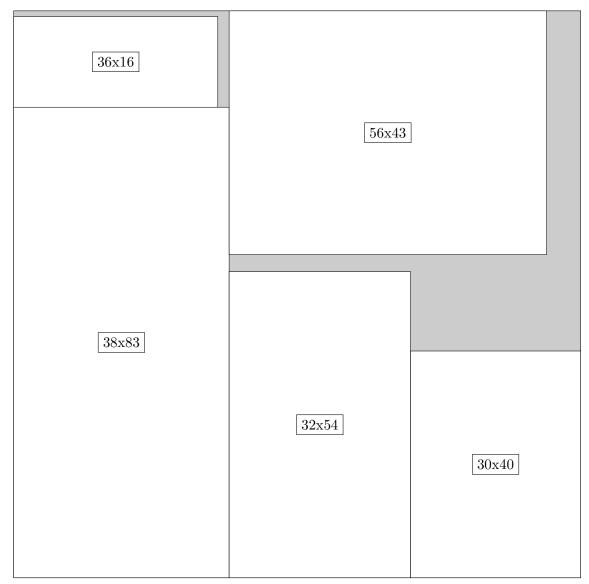


$$\le 37$$
 , ≤ 97 , ≥ 0 , ≥ 90 , ≥ 3589

$$\le =49$$
 , h =65 , x =37 , y =0 , v =3185

$$\le =58$$
 , h =26 , x =37 , y =74 , v =1508

$$\mathbf{w}$$
 =14 , h =69 , x =86 , y =0 , v =966



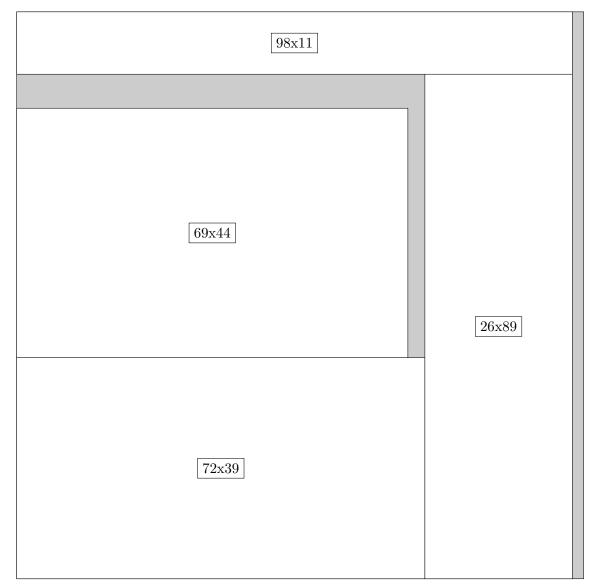
$$\le 38$$
 , ≤ 83 , $\le =0$, y =0 , v =3154

$$\le =56$$
 , h =43 , x =38 , y =57 , v =2408

$$w=\!32$$
 , $h=\!54$, $x=\!38$, $y=\!0$, $v=\!1728$

$$\le =30$$
 , h =40 , x =70 , y =0 , v =1200

$$w=\!36$$
 , $h=\!16$, $x=\!0$, $y=\!83$, $v=\!576$



$$\begin{array}{l} w = \!\!\! 72 \ , \ h = \!\!\! 39 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 2808 \\ w = \!\!\! 69 \ , \ h = \!\!\! 44 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 39 \ , \ v = \!\!\! 3036 \end{array}$$

$$\le =26$$
 , h =89 , x =72 , y =0 , v =2314

$$w = 26$$
, $h = 89$, $x = 72$, $y = 0$, $v = 2314$

$$\le =98$$
 , h =11 , x =0 , y =89 , v =1078