$ClassName: \ Class_05.2bp-29$

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>240000</u> InS: <u>183568</u> Rate: <u>0.765</u> UB: <u>24</u> LB0: <u>23</u> LB: <u>24</u>

LBWithCut: $\underline{\mathbf{24}}$ NodeCut: $\underline{\mathbf{0}}$

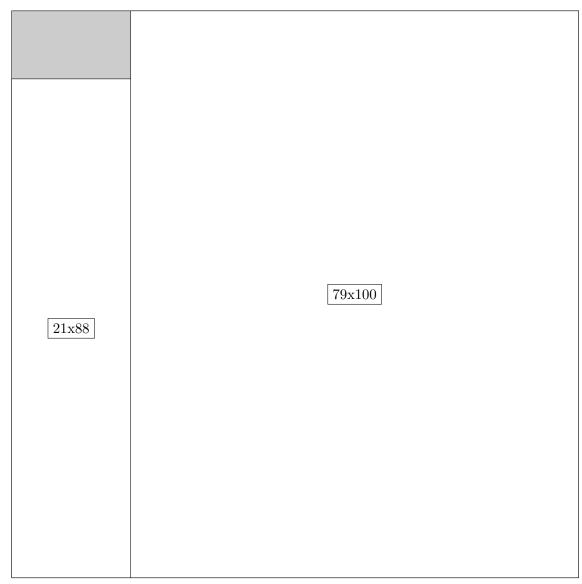
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{1}$ PrimalNode: $\underline{0}$ ColumnCount: $\underline{41}$ TotalCutCount: $\underline{0}$ RootCutCount: $\underline{0}$ LPSolverCnt: $\underline{18}$ PricingSolverCnt: $\underline{18}$ BranchAndBoundNum: $\underline{1}$

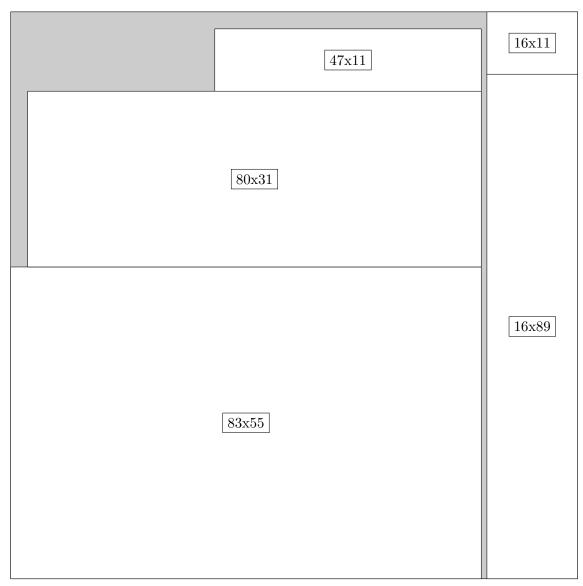
isOpt: $\underline{\mathbf{true}}$

TimeOnInitSolution: $\underline{600.000 \text{ s}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 0.078 sTimeOnRmp: 0.094 sTotalTime: 600.500 s



$$\begin{array}{l} w = 79 \ , \ h = \! 100 \ , \ x = \! 21 \ , \ y = \! 0 \ , \ v = \! 7900 \\ w = \! 21 \ , \ h = \! 88 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1848 \end{array}$$



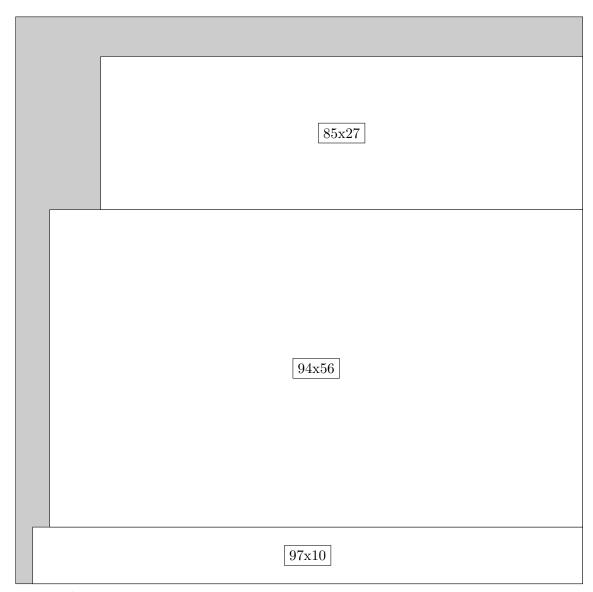
$$w = 16$$
, $h = 89$, $x = 84$, $y = 0$, $v = 1424$

$$\le =16$$
 , $h=11$, $x=84$, $y=89$, $v=176$

$$\le =83$$
 , $h=55$, $x=0$, $y=0$, $v=4565$

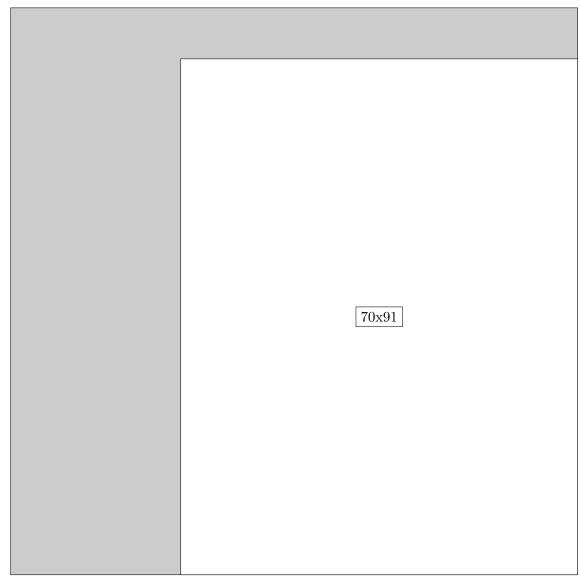
$$\le =80$$
 , h =31 , x =3 , y =55 , v =2480

$$w = 47$$
, $h = 11$, $x = 36$, $y = 86$, $v = 517$

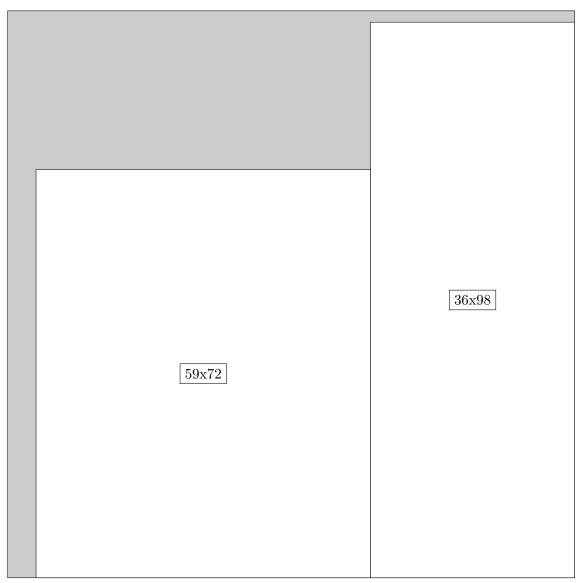


$$\begin{array}{l} w = \! 97 \ , \ h = \! 10 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 970 \\ w = \! 94 \ , \ h = \! 56 \ , \ x = \! 6 \ , \ y = \! 10 \ , \ v = \! 5264 \end{array}$$

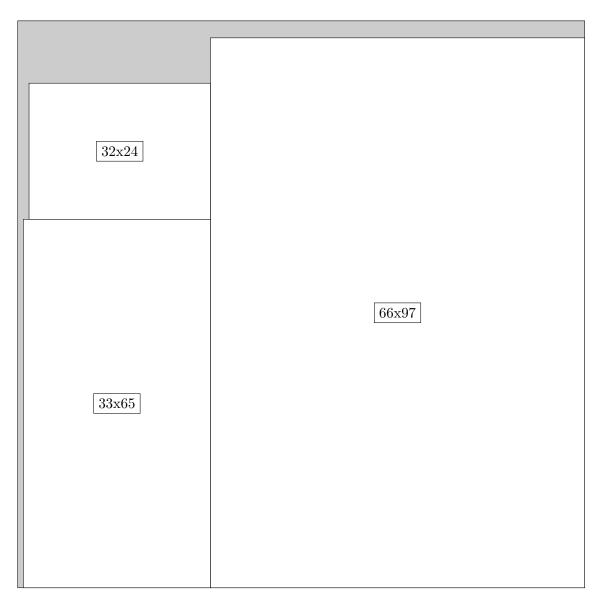
$$\le =85$$
 , h =27 , x =15 , y =66 , v =2295



 $\le =70$, h =91 , x =30 , y =0 , v =6370



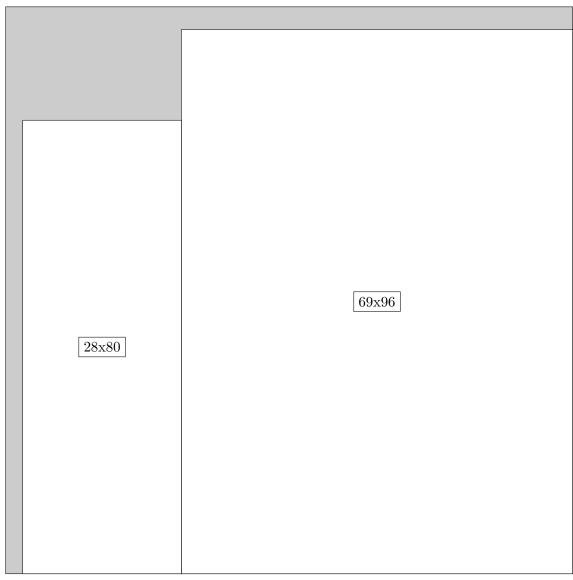
$$\begin{array}{l} w = \!\! 36 \ , \ h = \!\! 98 \ , \ x = \!\! 64 \ , \ y = \!\! 0 \ , \ v = \!\! 3528 \\ w = \!\! 59 \ , \ h = \!\! 72 \ , \ x = \!\! 5 \ , \ y = \!\! 0 \ , \ v = \!\! 4248 \end{array}$$



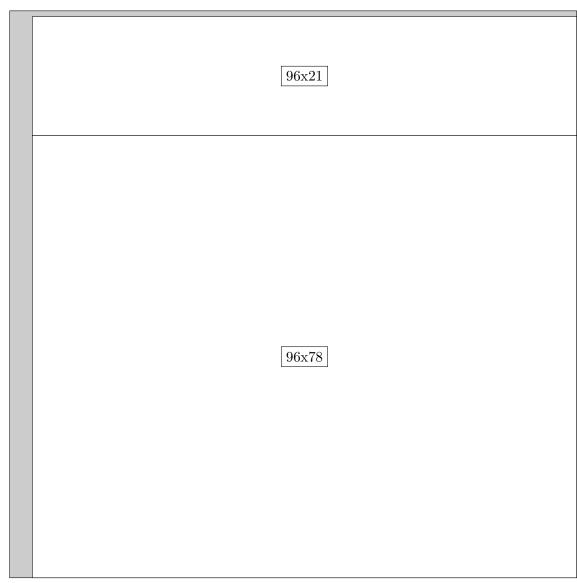
$$w$$
 =66 , h =97 , x =34 , y =0 , v =6402

$$\le =33$$
 , h =65 , x =1 , y =0 , v =2145

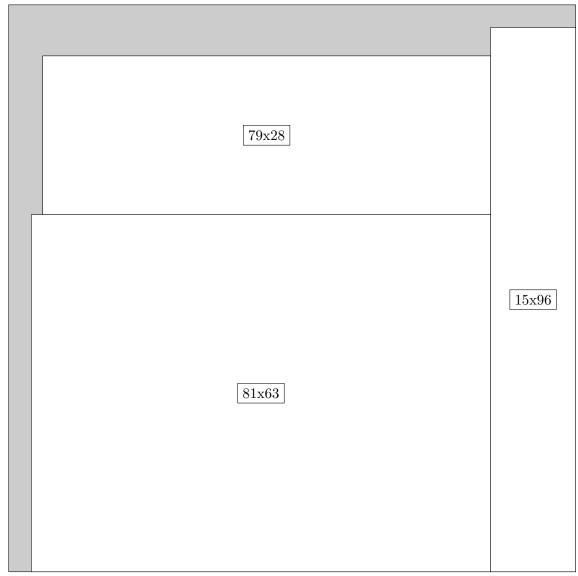
$$\le =32$$
 , h =24 , x =2 , y =65 , v =768



$$\begin{array}{l} w = \!69 \ , \ h = \!96 \ , \ x = \!31 \ , \ y = \!0 \ , \ v = \!6624 \\ w = \!28 \ , \ h = \!80 \ , \ x = \!3 \ , \ y = \!0 \ , \ v = \!2240 \end{array}$$



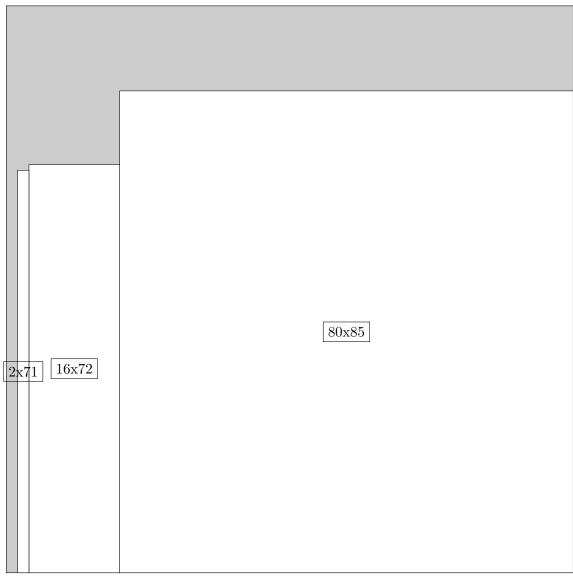
$$\begin{array}{l} w = \! 96 \ , \ h = \! 78 \ , \ x = \! 4 \ , \ y = \! 0 \ , \ v = \! 7488 \\ w = \! 96 \ , \ h = \! 21 \ , \ x = \! 4 \ , \ y = \! 78 \ , \ v = \! 2016 \end{array}$$



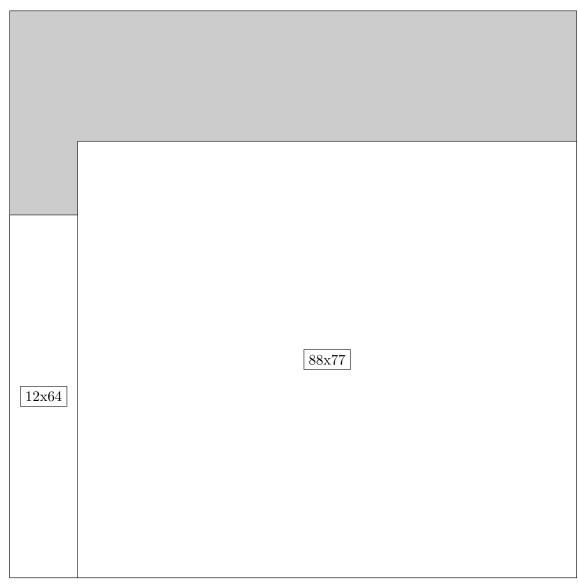
$$\le =15$$
 , h =96 , x =85 , y =0 , v =1440

$$\le =81$$
 , h =63 , x =4 , y =0 , v =5103

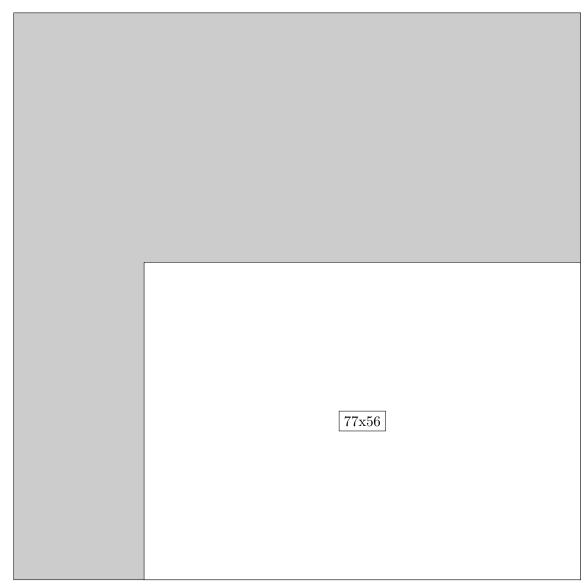
$$\le =79$$
 , h =28 , x =6 , y =63 , v =2212



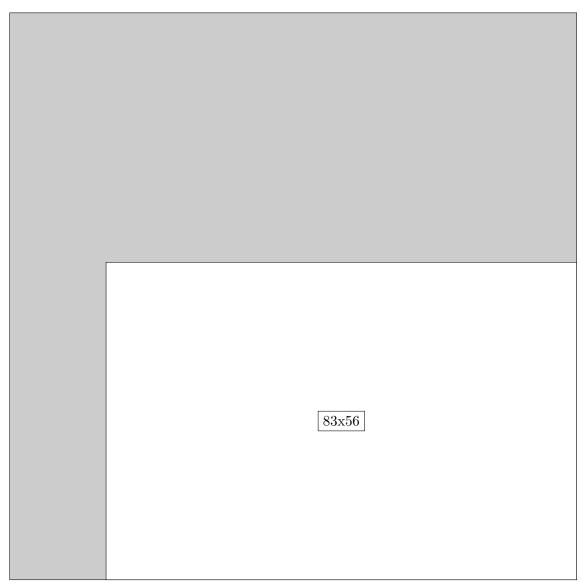
 $\begin{array}{l} w = \! 80 \ , \ h = \! 85 \ , \ x = \! 20 \ , \ y = \! 0 \ , \ v = \! 6800 \\ w = \! 16 \ , \ h = \! 72 \ , \ x = \! 4 \ , \ y = \! 0 \ , \ v = \! 1152 \\ w = \! 2 \ , \ h = \! 71 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 142 \end{array}$



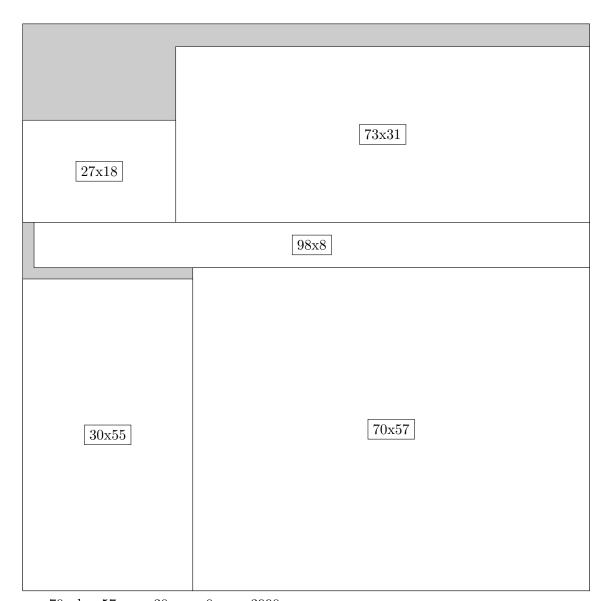
$$\begin{array}{l} w = \! 88 \ , \ h = \! 77 \ , \ x = \! 12 \ , \ y = \! 0 \ , \ v = \! 6776 \\ w = \! 12 \ , \ h = \! 64 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 768 \end{array}$$



 $\le =77$, h = 56 , x = 23 , y = 0 , v = 4312



 $\le =83$, h = 56 , x = 17 , y = 0 , v = 4648



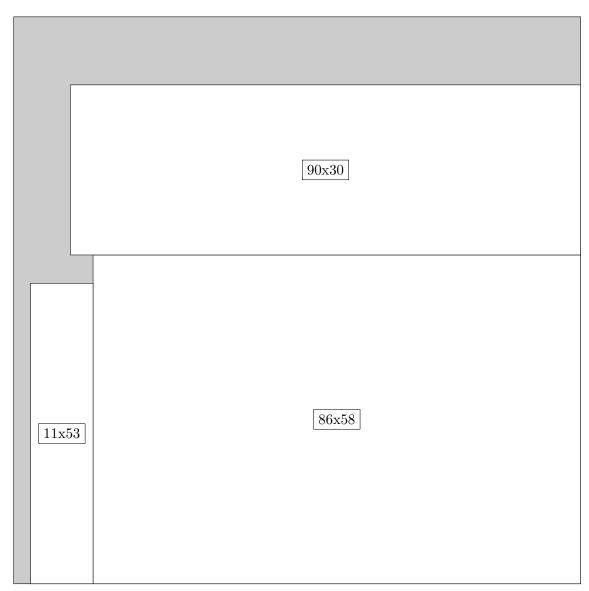
$$\le =70$$
 , h =57 , x =30 , y =0 , v =3990

$$\le =30$$
 , $h=55$, $x=0$, $y=0$, $v=1650$

$$\le =98$$
 , h =8 , x =2 , y =57 , v =784

$$\le =73$$
 , h =31 , x =27 , y =65 , v =2263

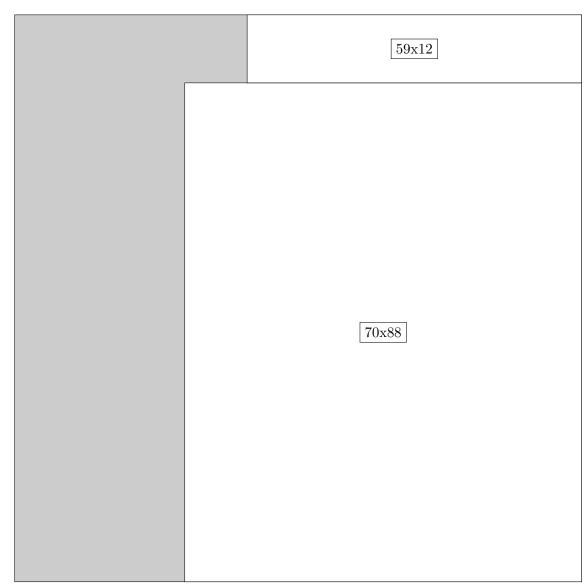
$$\le =27$$
 , h =18 , x =0 , y =65 , v =486



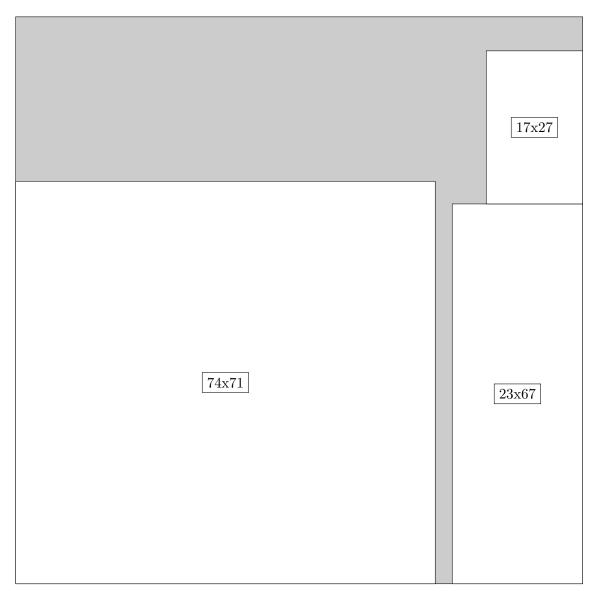
$$w$$
 =86 , h =58 , x =14 , y =0 , v =4988

$$\le =11$$
 , h =53 , x =3 , y =0 , v =583

$$\le =90$$
 , h =30 , x =10 , y =58 , v =2700



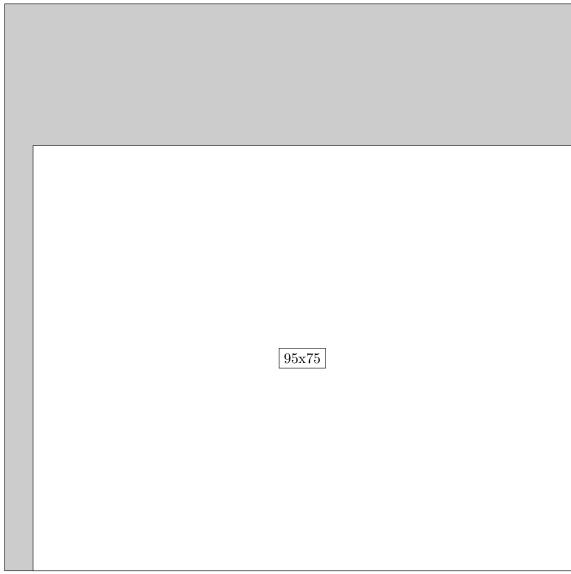
$$\begin{array}{l} w = \! 70 \ , \ h = \! 88 \ , \ x = \! 30 \ , \ y = \! 0 \ , \ v = \! 6160 \\ w = \! 59 \ , \ h = \! 12 \ , \ x = \! 41 \ , \ y = \! 88 \ , \ v = \! 708 \end{array}$$



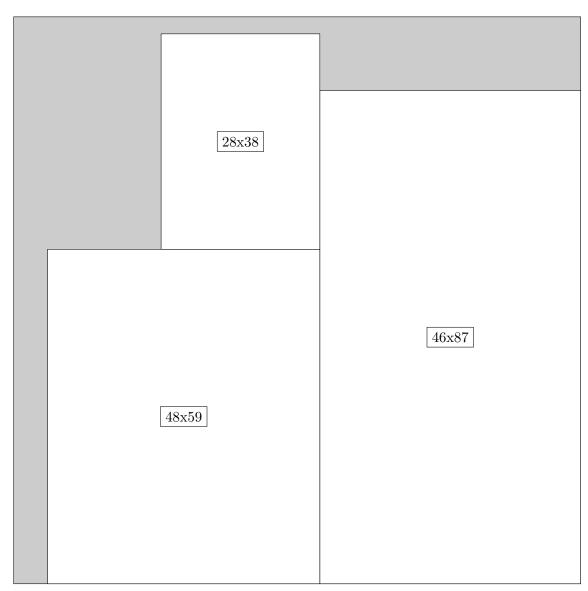
$$\le 23$$
 , h =67 , x =77 , y =0 , v =1541

$$\le =17$$
 , h =27 , x =83 , y =67 , v =459

$$\le =74$$
 , h =71 , x =0 , y =0 , v =5254



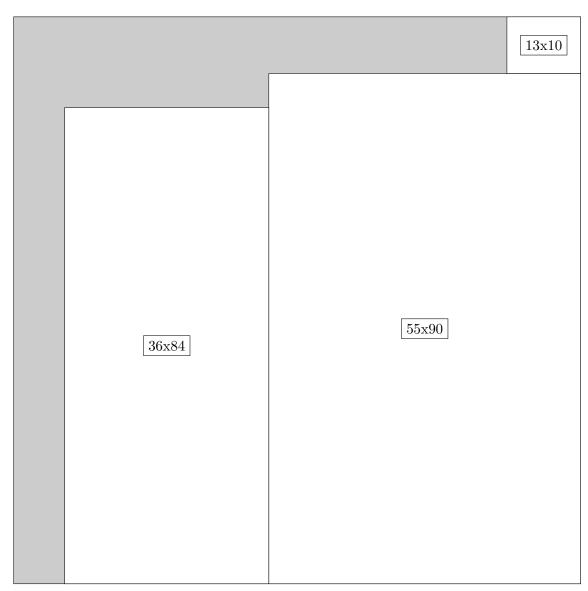
 $\le =95$, h =75 , x =5 , y =0 , v =7125



$$w = 46$$
, $h = 87$, $x = 54$, $y = 0$, $v = 4002$

$$\le =48$$
 , h =59 , x =6 , y =0 , v =2832

$$\le =28$$
 , h =38 , x =26 , y =59 , v =1064



 $\begin{array}{l} w = \! 55 \ , \ h = \! 90 \ , \ x = \! 45 \ , \ y = \! 0 \ , \ v = \! 4950 \\ w = \! 13 \ , \ h = \! 10 \ , \ x = \! 87 \ , \ y = \! 90 \ , \ v = \! 130 \end{array}$

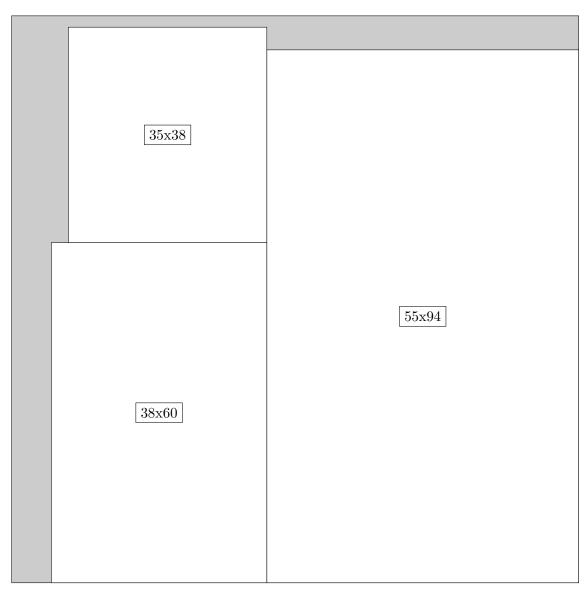
w = 36, h = 84, x = 9, y = 0, v = 3024



$$w = 56$$
, $h = 47$, $x = 44$, $y = 0$, $v = 2632$

$$\mathbf{w}$$
 =40 , h =41 , x =4 , y =0 , v =1640

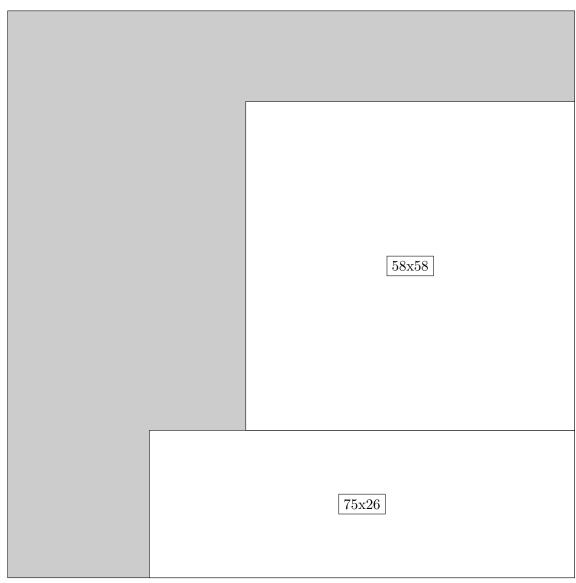
$$\le =48$$
 , h =48 , x =52 , y =47 , v =2304



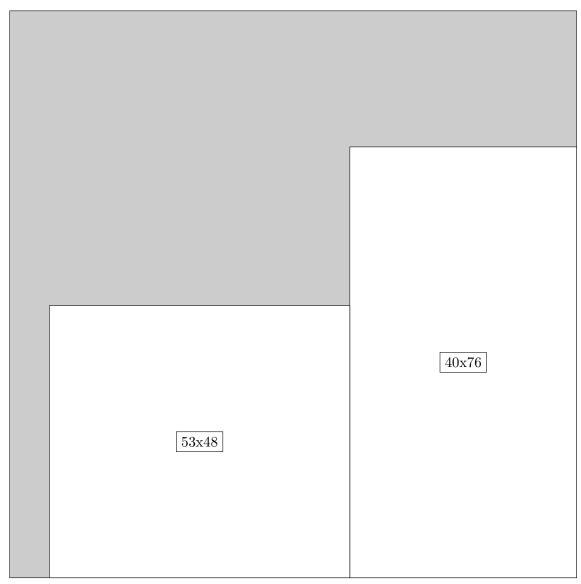
$$w = 55$$
, $h = 94$, $x = 45$, $y = 0$, $v = 5170$

$$\le 38$$
 , h =60 , x =7 , y =0 , v =2280

$$\le =35$$
 , h =38 , x =10 , y =60 , v =1330



$$\begin{array}{l} w = \! 75 \ , \, h = \! 26 \ , \, x = \! 25 \ , \, y = \! 0 \ , \, v = \! 1950 \\ w = \! 58 \ , \, h = \! 58 \ , \, x = \! 42 \ , \, y = \! 26 \ , \, v = \! 3364 \end{array}$$



$$\begin{array}{l} w = \!\! 40 \ , \ h = \!\! 76 \ , \ x = \!\! 60 \ , \ y = \!\! 0 \ , \ v = \!\! 3040 \\ w = \!\! 53 \ , \ h = \!\! 48 \ , \ x = \!\! 7 \ , \ y = \!\! 0 \ , \ v = \!\! 2544 \end{array}$$