$ClassName: \ Class_05.2bp-29$

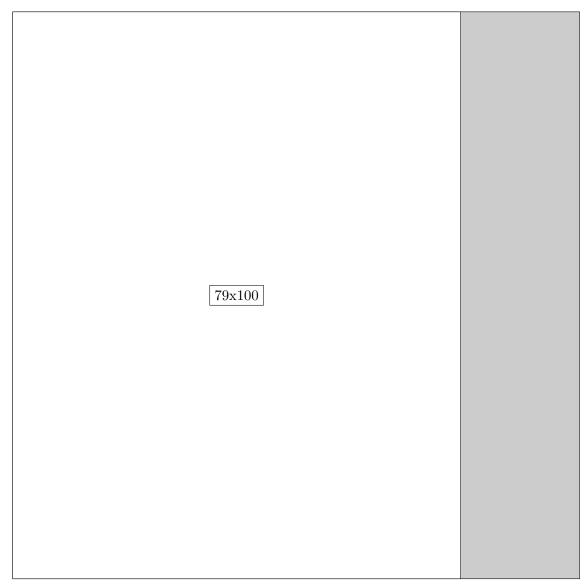
BinSize: $\underline{100 \times 100}$ ReduceSize: $\underline{100 \times 100}$

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: **24**

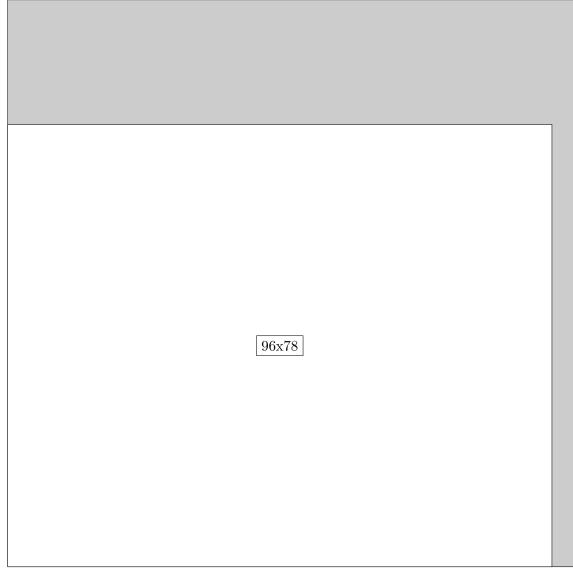
LBWithCut: $\underline{\mathbf{24}}$ NodeCut: $\underline{\mathbf{0}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{47}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{24}}$ PricingSolverCnt: $\underline{\mathbf{24}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

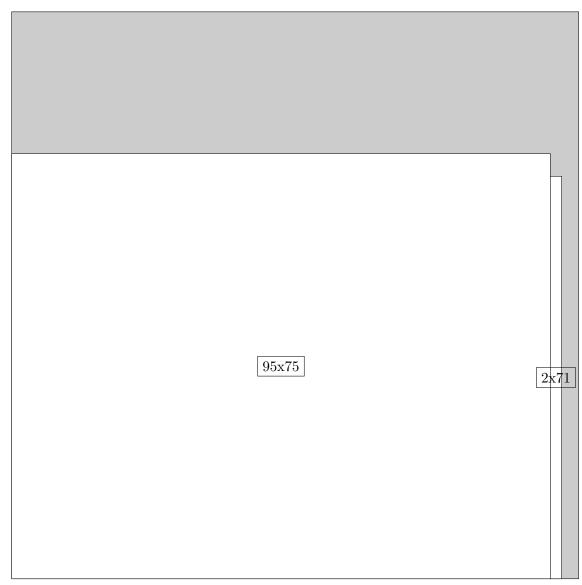
TimeOnPrimal: 0.000 sTimeOnPricing: 1.078 sTimeOnRmp: 0.078 sTotalTime: 1.234 s



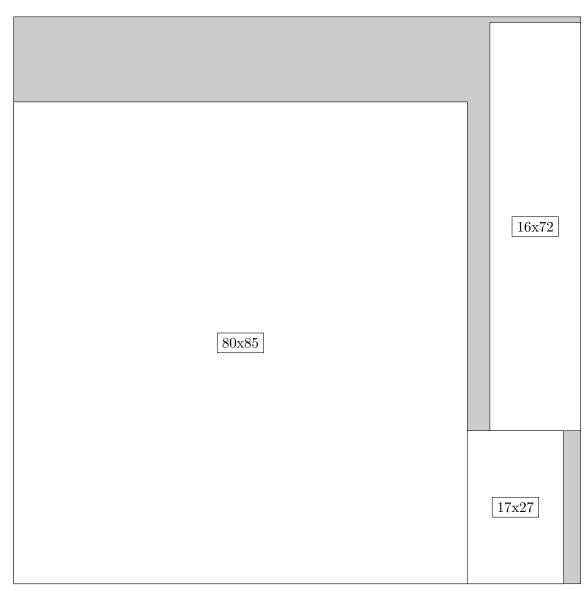
 \mathbf{w} =79 , h =100 , x =0 , y =0 , v =7900



 $\le =96$, h =78 , x =0 , y =0 , v =7488



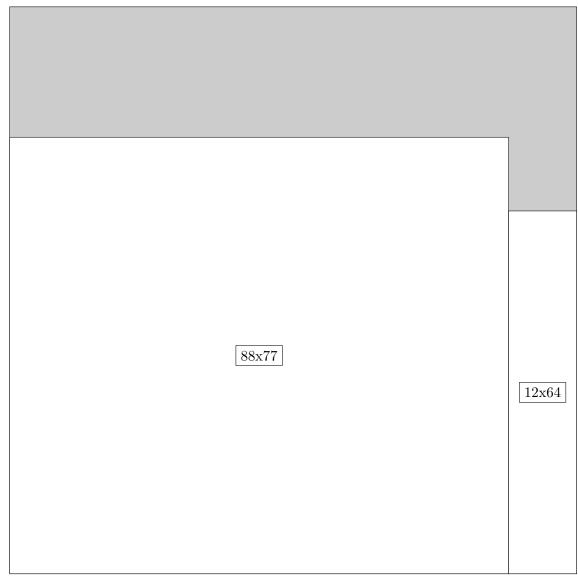
 $\begin{array}{l} w = \! 95 \ , \, h = \! 75 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 7125 \\ w = \! 2 \ , \, h = \! 71 \ , \, x = \! 95 \ , \, y = \! 0 \ , \, v = \! 142 \end{array}$

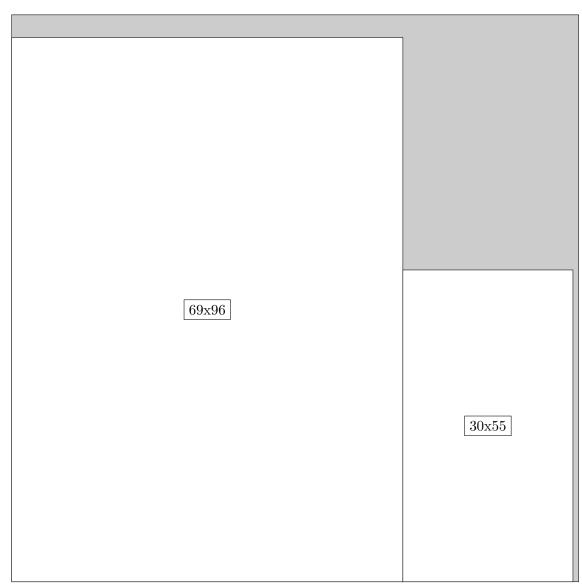


$$w$$
 =80 , h =85 , x =0 , y =0 , v =6800

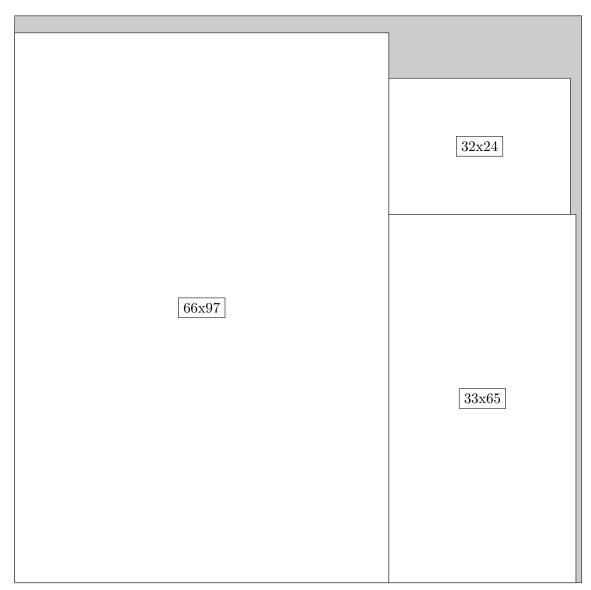
$$w$$
 =16 , h =72 , x =84 , y =27 , v =1152

$$w=\!17$$
 , $h=\!27$, $x=\!80$, $y=\!0$, $v=\!459$





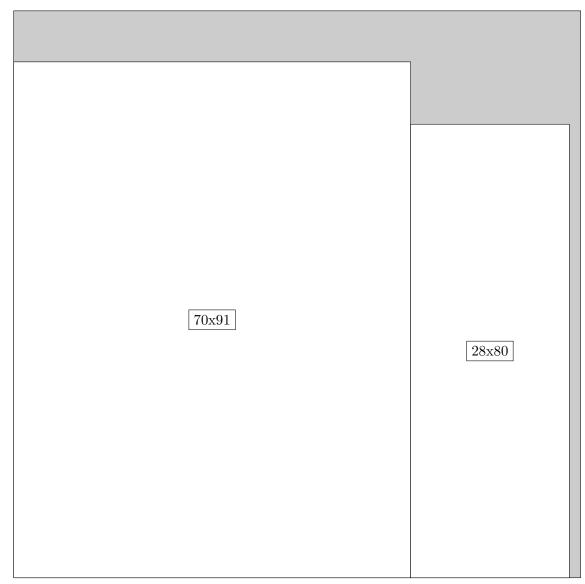
$$\begin{array}{c} w = 69 \; , \; h = 96 \; , \; x = 0 \; , \; y = 0 \; , \; v = 6624 \\ w = 30 \; , \; h = 55 \; , \; x = 69 \; , \; y = 0 \; , \; v = 1650 \\ \end{array}$$

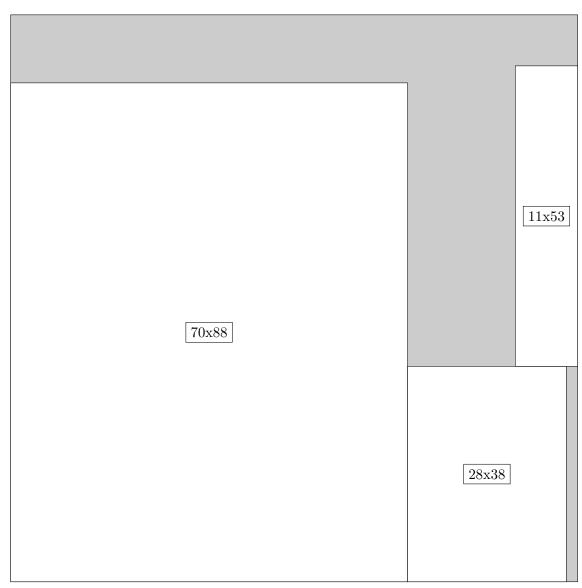


$$w = 66$$
, $h = 97$, $x = 0$, $y = 0$, $v = 6402$

$$\le =33$$
 , h =65 , x =66 , y =0 , v =2145

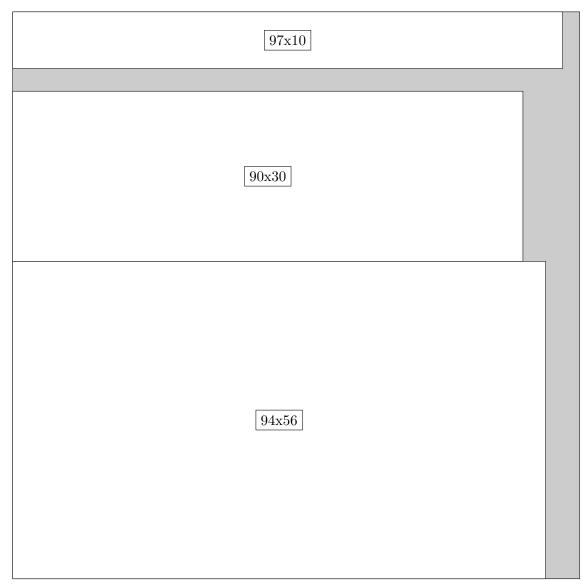
$$\le =32$$
 , h =24 , x =66 , y =65 , v =768





$$\begin{array}{l} w = \! 70 \ , \ h = \! 88 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6160 \\ w = \! 28 \ , \ h = \! 38 \ , \ x = \! 70 \ , \ y = \! 0 \ , \ v = \! 1064 \end{array}$$

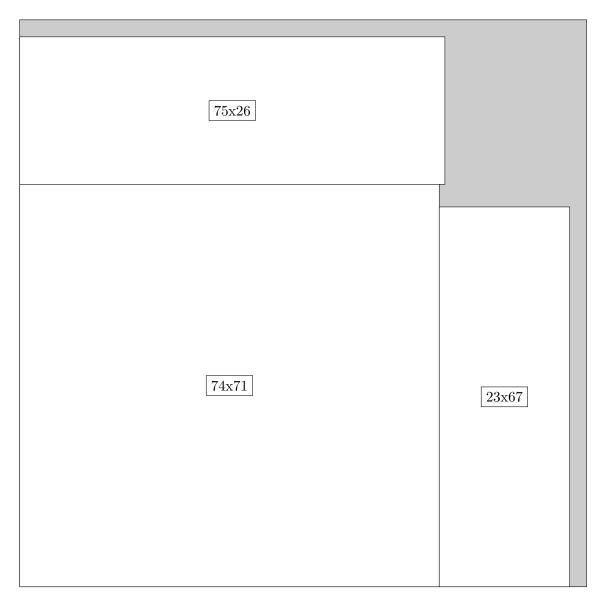
$$w=\!11$$
 , $h=\!53$, $x=\!89$, $y=\!38$, $v=\!583$



$$w = 94$$
, $h = 56$, $x = 0$, $y = 0$, $v = 5264$

$$\le =90$$
 , h =30 , x =0 , y =
56 , v =2700

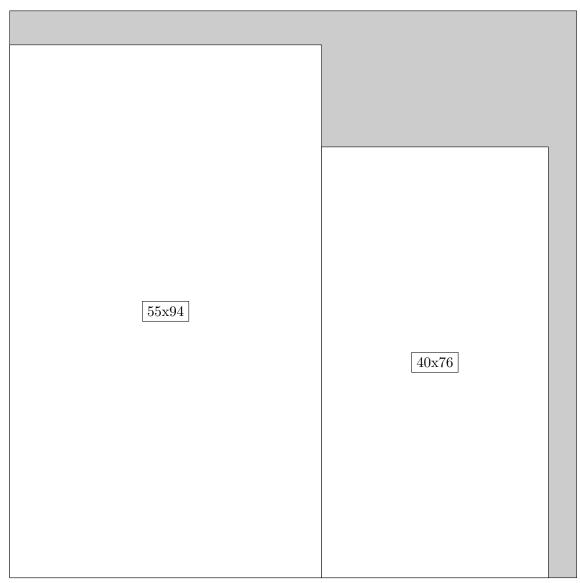
$$\le =97$$
 , h =10 , x =0 , y =90 , v =970

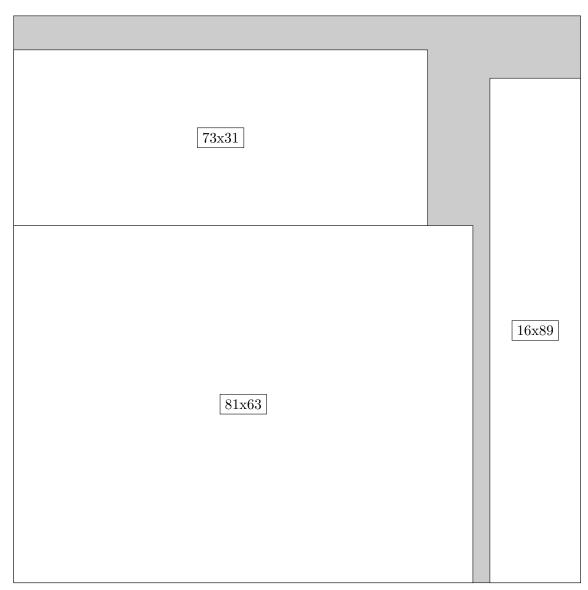


$$w = 74$$
, $h = 71$, $x = 0$, $y = 0$, $v = 5254$

$$\le =75$$
 , h =26 , x =0 , y =71 , v =1950

$$\le =23$$
 , h =67 , x =74 , y =0 , v =1541

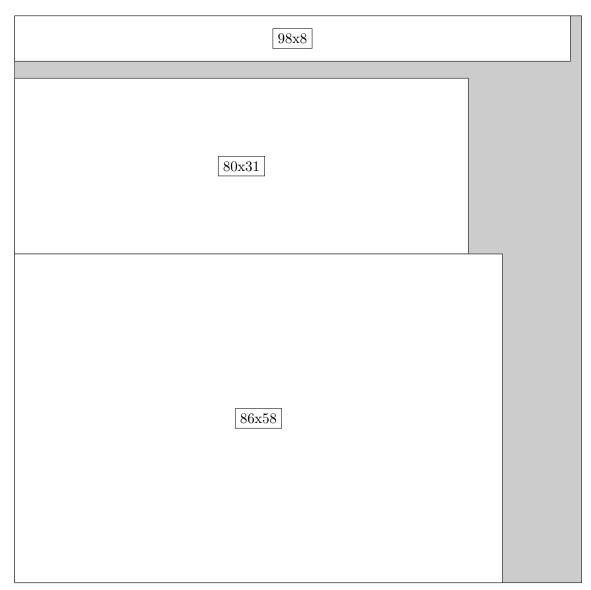




$$w = 81$$
, $h = 63$, $x = 0$, $y = 0$, $v = 5103$

$$\le =73$$
 , h =31 , x =0 , y =63 , v =2263

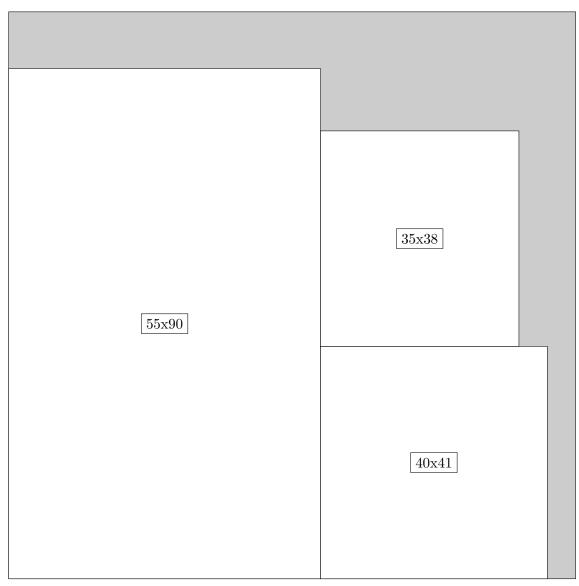
$$\le =16$$
 , h =89 , x =84 , y =0 , v =1424



$$w = \! 80 \; , \; h = \! 31 \; , \; x = \! 0 \; , \; y = \! 58 \; , \; v = \! 2480 \;$$

$$\le =86$$
 , $h=58$, $x=0$, $y=0$, $v=4988$

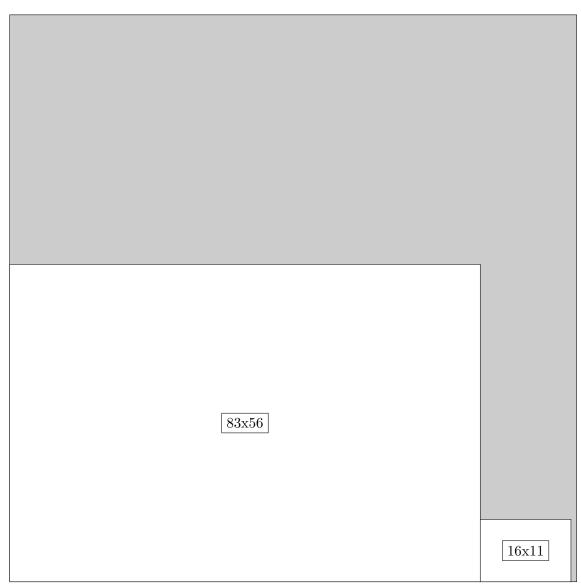
$$\le =98$$
 , h =8 , x =0 , y =92 , v =784

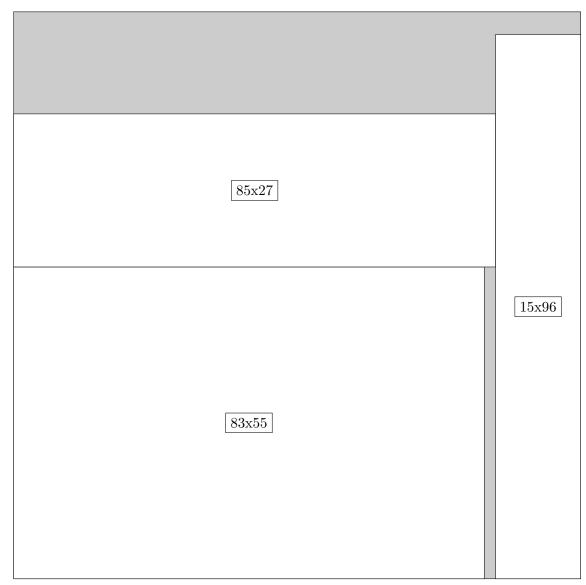


$$\mathbf{w}$$
 =55 , h =90 , x =0 , y =0 , v =4950

$$\le =40$$
 , $h=\!41$, $x=\!55$, $y=\!0$, $v=\!1640$

$$\le =35$$
 , h =38 , x =55 , y =41 , v =1330

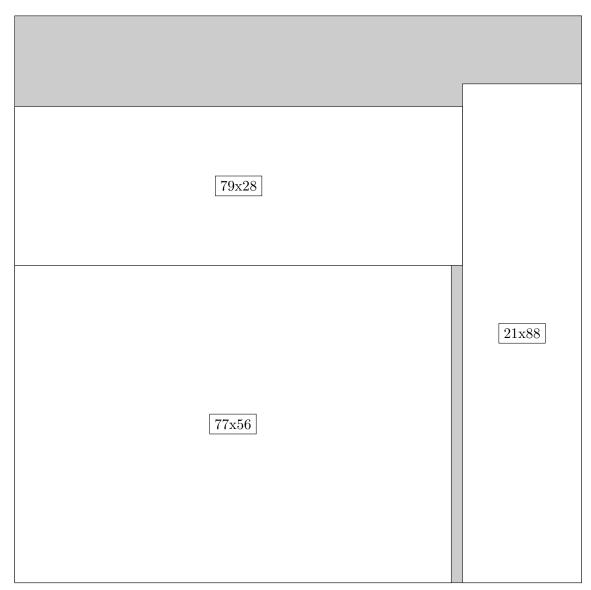




$$w = 83$$
, $h = 55$, $x = 0$, $y = 0$, $v = 4565$

$$\le =85$$
 , h =27 , x =0 , y =
55 , v =2295

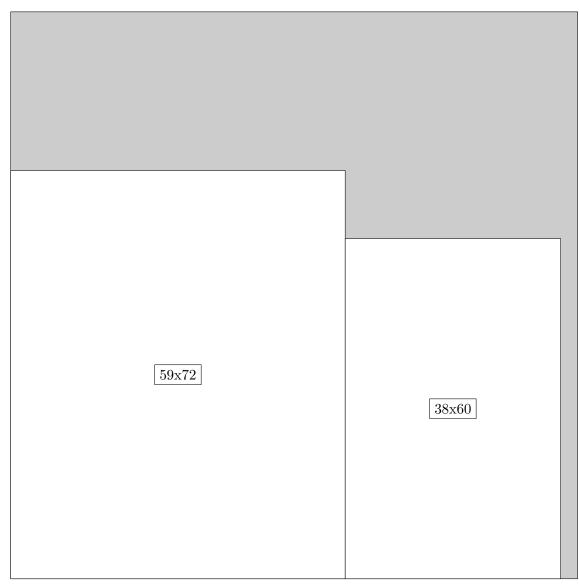
$$\le =15$$
 , $h=96$, $x=85$, $y=0$, $v=1440$



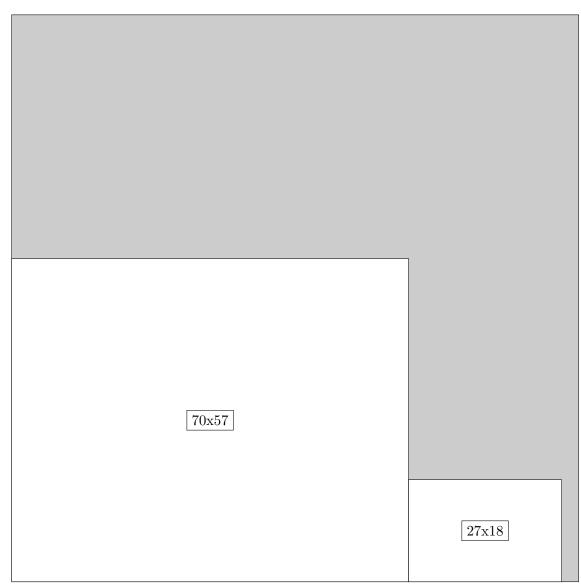
$$w$$
 =77 , h =56 , x =0 , y =0 , v =4312

$$\le =79$$
 , h =28 , x =0 , y =
56 , v =2212

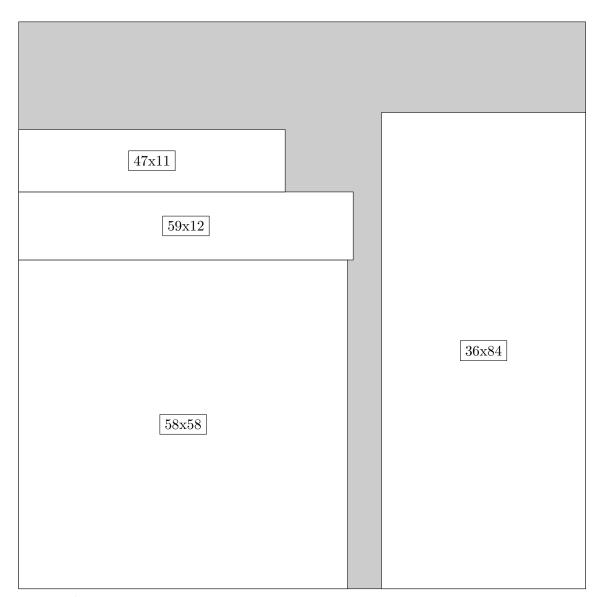
$$\le =21$$
 , h =88 , x =79 , y =0 , v =1848



$$\begin{array}{c} w = 59 \ , \ h = 72 \ , \ x = 0 \ , \ y = 0 \ , \ v = 4248 \\ w = 38 \ , \ h = 60 \ , \ x = 59 \ , \ y = 0 \ , \ v = 2280 \\ \end{array}$$



$$\begin{array}{c} w = 70 \; , \; h = 57 \; , \; x = 0 \; , \; y = 0 \; , \; v = 3990 \\ w = 27 \; , \; h = 18 \; , \; x = 70 \; , \; y = 0 \; , \; v = 486 \\ \end{array}$$

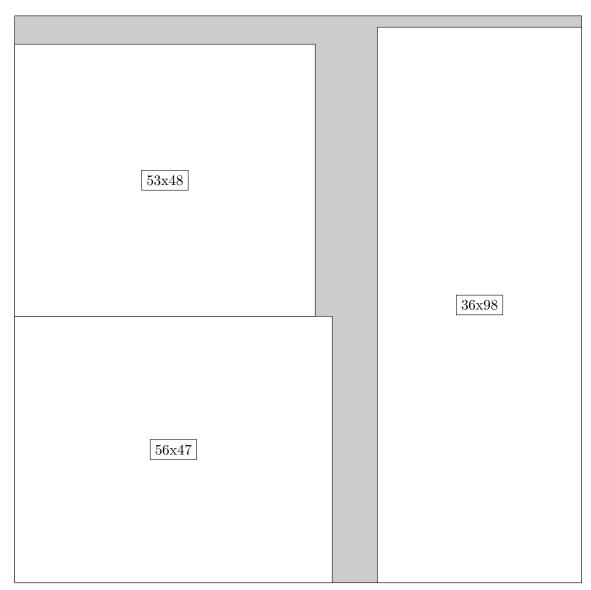


$$\le =58$$
 , $h=58$, $x=0$, $y=0$, $v=3364$

$$\le =36$$
 , h =84 , x =64 , y =0 , v =3024

$$\le =59$$
 , h =12 , x =0 , y =58 , v =708

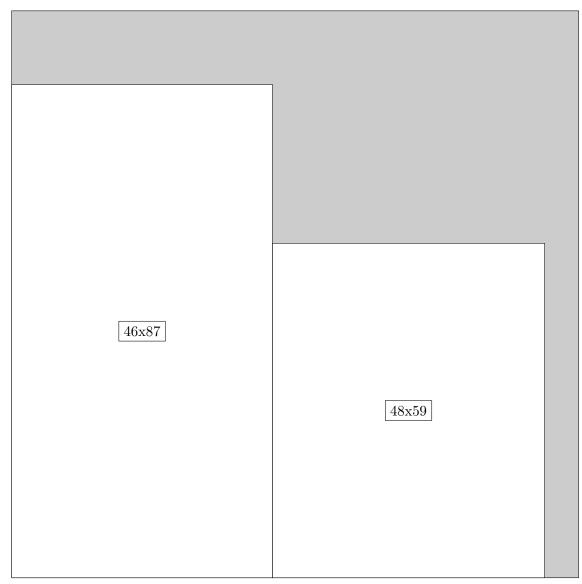
$$\mathbf{w}$$
 =47 , h =11 , x =0 , y =70 , v =517

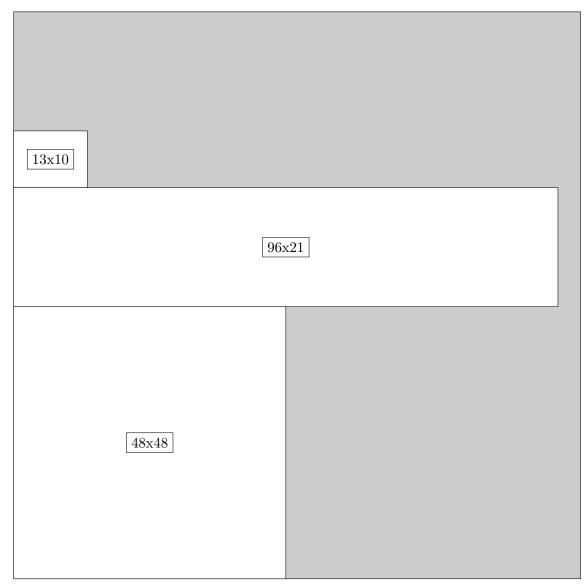


$$w = 36 \ , \, h = 98 \ , \, x = 64 \ , \, y = 0 \ , \, v = 3528$$

$$\le =56$$
 , h =47 , x =0 , y =0 , v =2632

$$\le =53$$
 , h =48 , x =0 , y =47 , v =2544





$$\begin{array}{l} w = \! 48 \ , \ h = \! 48 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2304 \\ w = \! 96 \ , \ h = \! 21 \ , \ x = \! 0 \ , \ y = \! 48 \ , \ v = \! 2016 \\ w = \! 13 \ , \ h = \! 10 \ , \ x = \! 0 \ , \ y = \! 69 \ , \ v = \! 130 \end{array}$$