$ClassName: \ Class_05.2bp-34$

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>230000</u> InS: <u>196226</u> Rate: <u>0.853</u> UB: <u>23</u> LB0: <u>22</u> LB: <u>23</u>

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

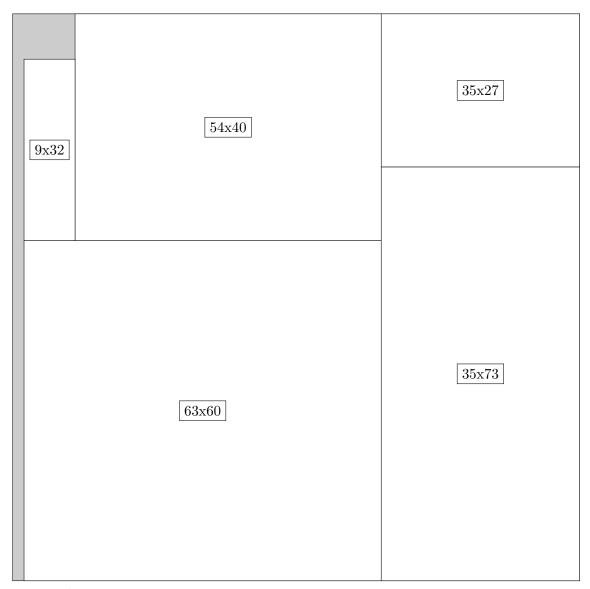
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{90}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{68}}$ PricingSolverCnt: $\underline{\mathbf{68}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

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

 $\begin{array}{ll} {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{254.114 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.130 \ s} \\ {\rm TotalTime:} \ 854.544 \ s \end{array}$



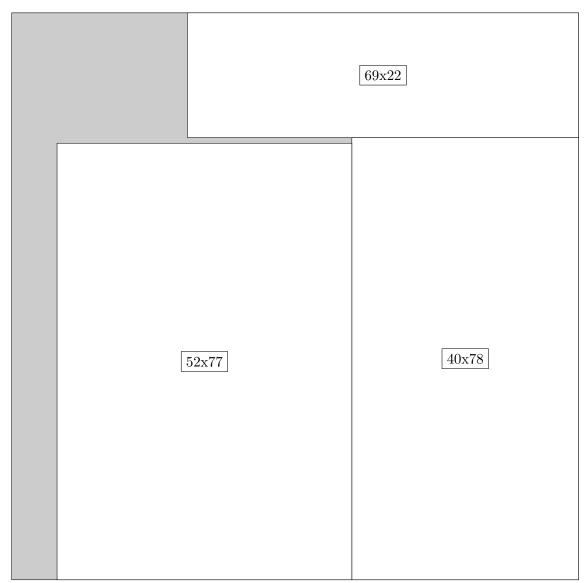
$$\le =35$$
 , h =73 , x =65 , y =0 , v =2555

$$\le =35$$
 , h =27 , x =65 , y =73 , v =945

$$\mathbf{w}$$
 =63 , h =60 , x =2 , y =0 , v =3780

$$\le =54$$
 , h =40 , x =11 , y =60 , v =2160

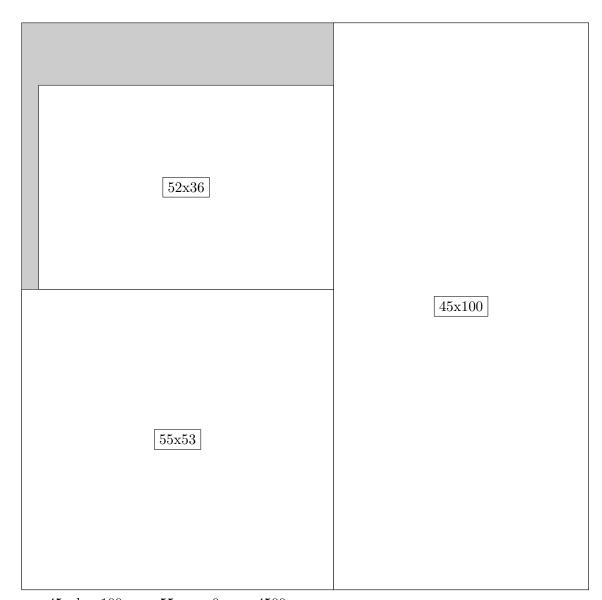
$$w = 9$$
, $h = 32$, $x = 2$, $y = 60$, $v = 288$



$$\le =40$$
 , $h=78$, $x=60$, $y=0$, $v=3120$

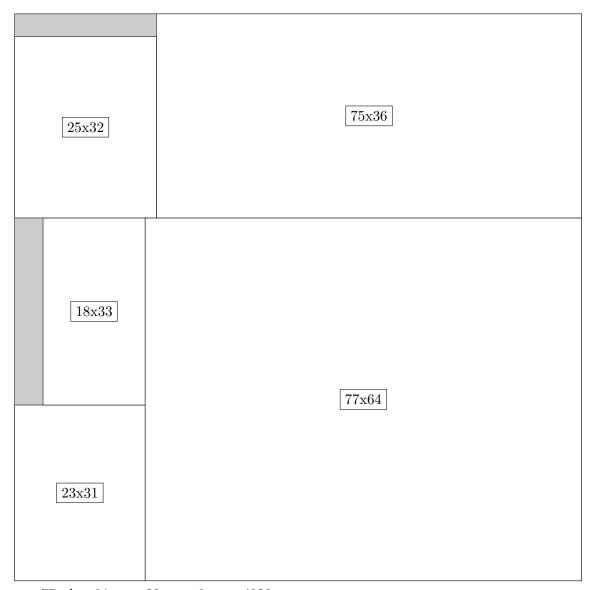
$$\le -52$$
 , h =77 , x =8 , y =0 , v =4004

$$\le =69$$
 , h =22 , x =31 , y =78 , v =1518



$$\begin{array}{l} w = \! 45 \ , \ h = \! 100 \ , \ x = \! 55 \ , \ y = \! 0 \ , \ v = \! 4500 \\ w = \! 55 \ , \ h = \! 53 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2915 \end{array}$$

$$\le =52$$
 , h =36 , x =3 , y =53 , v =1872



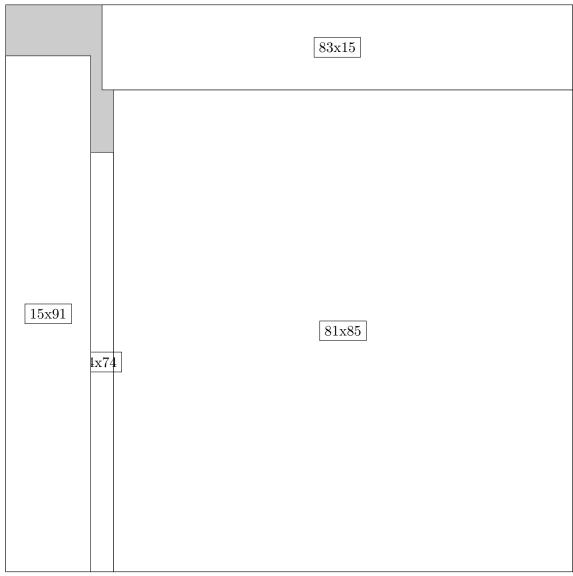
$$w$$
 =77 , h =64 , x =23 , y =0 , v =4928

$$w=23$$
 , $h=31$, $x=0$, $y=0$, $v=713$

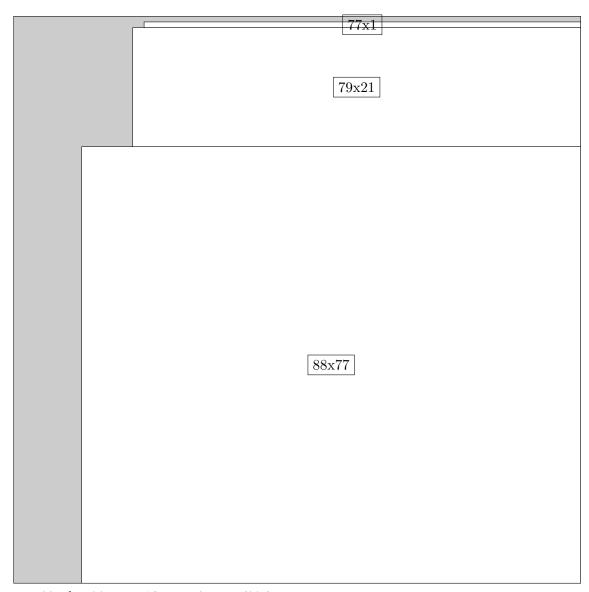
$$\le =18$$
 , h =33 , x =5 , y =31 , v =594

$$\le =75$$
 , h =36 , x =25 , y =64 , v =2700

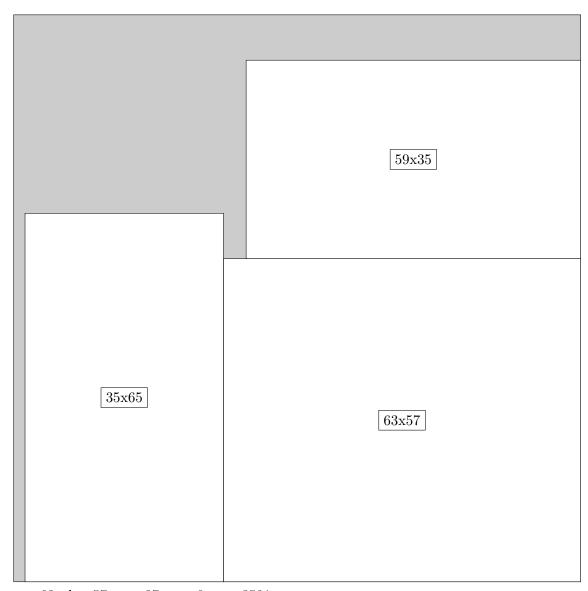
$$\le =25$$
 , h =32 , x =0 , y =64 , v =800



 $\begin{array}{l} w = \! 81 \ , \ h = \! 85 \ , \ x = \! 19 \ , \ y = \! 0 \ , \ v = \! 6885 \\ w = \! 4 \ , \ h = \! 74 \ , \ x = \! 15 \ , \ y = \! 0 \ , \ v = \! 296 \\ w = \! 83 \ , \ h = \! 15 \ , \ x = \! 17 \ , \ y = \! 85 \ , \ v = \! 1245 \\ w = \! 15 \ , \ h = \! 91 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1365 \end{array}$

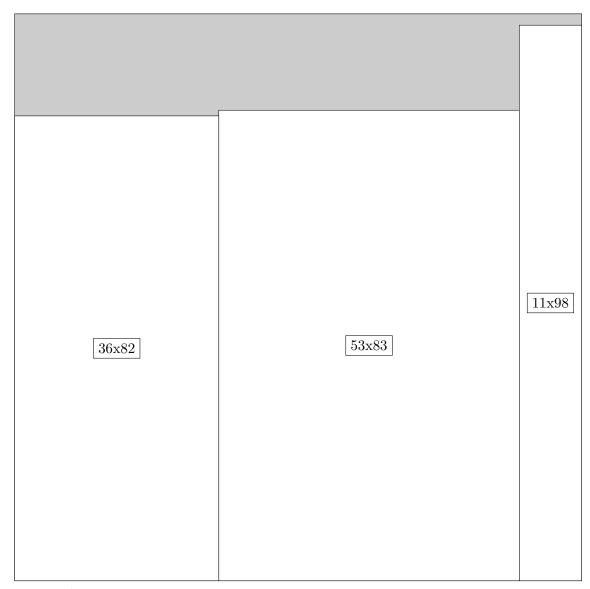


 $\begin{array}{l} w = \! 88 \; , \; h = \! 77 \; , \; x = \! 12 \; , \; y = \! 0 \; , \; v = \! 6776 \\ w = \! 79 \; , \; h = \! 21 \; , \; x = \! 21 \; , \; y = \! 77 \; , \; v = \! 1659 \\ w = \! 77 \; , \; h = \! 1 \; , \; x = \! 23 \; , \; y = \! 98 \; , \; v = \! 77 \end{array}$

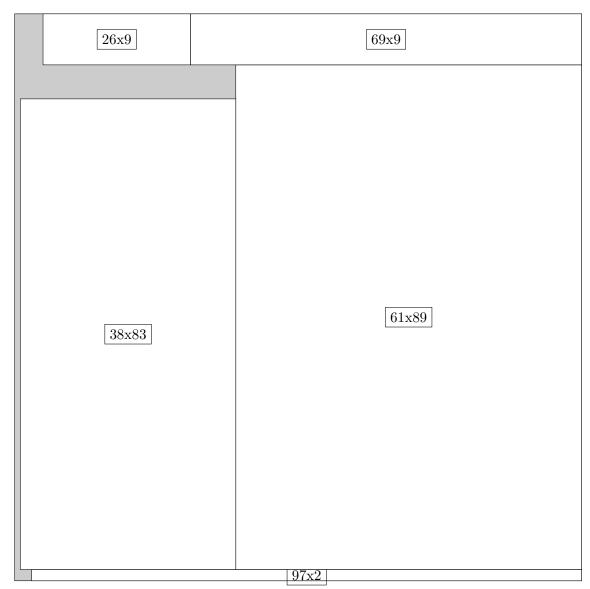


$$\begin{array}{l} w = \!63 \ , \ h = \!57 \ , \ x = \!37 \ , \ y = \!0 \ , \ v = \!3591 \\ w = \!59 \ , \ h = \!35 \ , \ x = \!41 \ , \ y = \!57 \ , \ v = \!2065 \end{array}$$

$$\le =35$$
 , h =65 , x =2 , y =0 , v =2275



$$\begin{array}{l} w = & 11 \ , \ h = & 98 \ , \ x = & 89 \ , \ y = & 0 \ , \ v = & 1078 \\ w = & 53 \ , \ h = & 83 \ , \ x = & 36 \ , \ y = & 0 \ , \ v = & 4399 \\ w = & 36 \ , \ h = & 82 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 2952 \end{array}$$



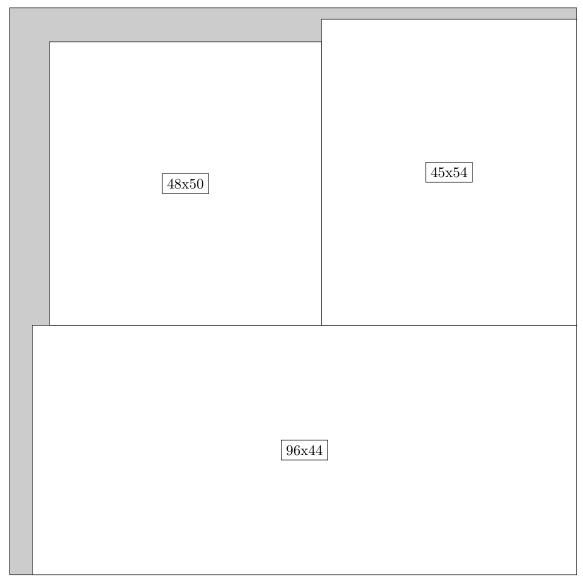
$$\le =97$$
 , h =2 , x =3 , y =0 , v =194

$$\le =61$$
 , h =89 , x =39 , y =2 , v =5429

$$\le 38$$
 , h =
83 , x =
1 , y =
2 , v =
3154

$$\le =69$$
 , h =9 , x =31 , y =91 , v =621

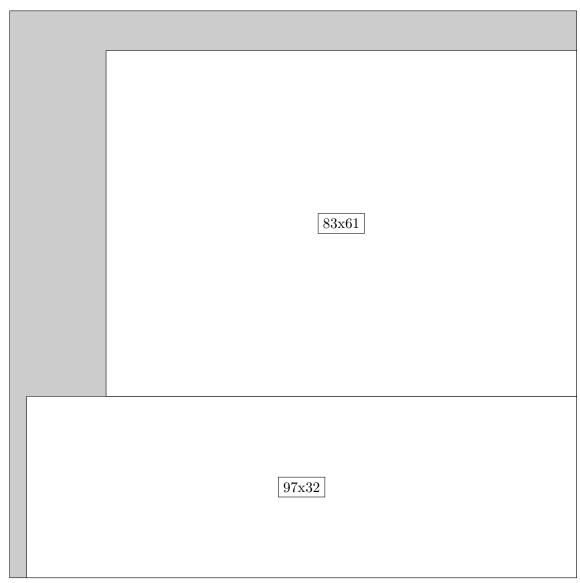
$$\le =26$$
 , h =9 , x =5 , y =91 , v =234

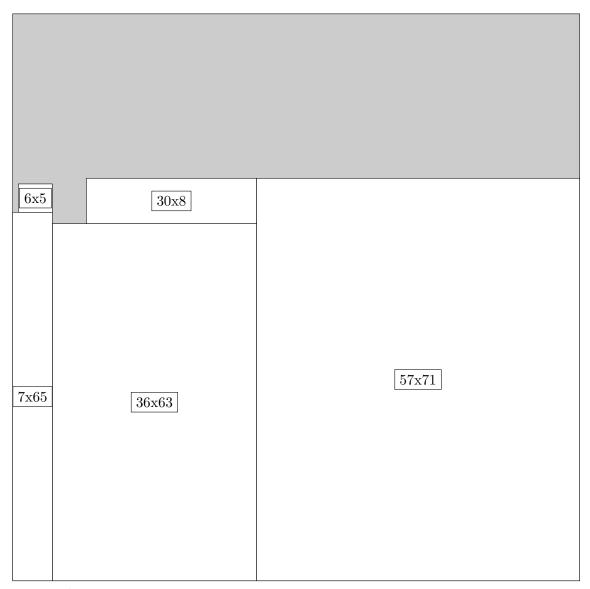


$$w = 96$$
, $h = 44$, $x = 4$, $y = 0$, $v = 4224$

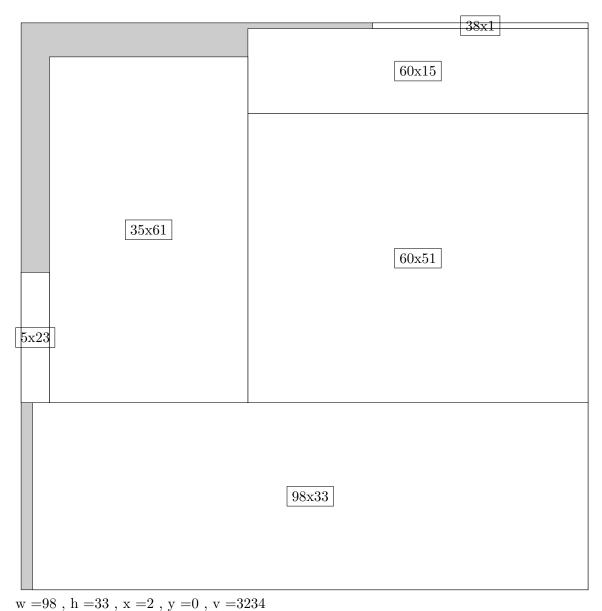
$$w$$
 =45 , h =54 , x =55 , y =44 , v =2430

$$\le =48$$
 , $h=\!50$, $x=\!7$, $y=\!44$, $v=\!2400$





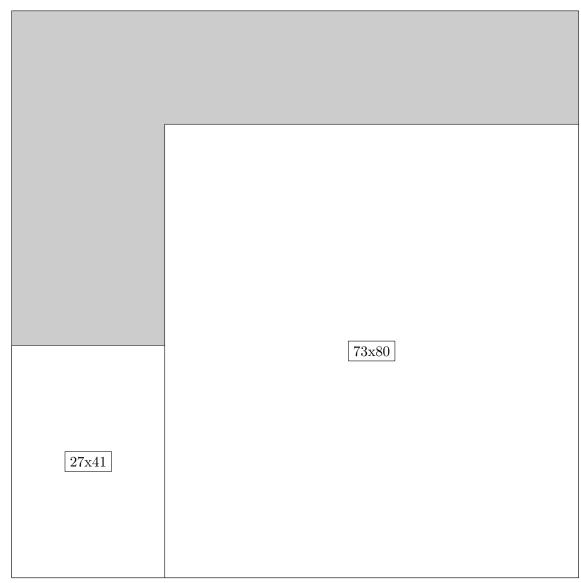
 $\begin{array}{l} w = \!\!57 \;,\; h = \!\!71 \;,\; x = \!\!43 \;,\; y = \!\!0 \;,\; v = \!\!4047 \\ w = \!\!36 \;,\; h = \!\!63 \;,\; x = \!\!7 \;,\; y = \!\!0 \;,\; v = \!\!2268 \\ w = \!\!30 \;,\; h = \!\!8 \;,\; x = \!\!13 \;,\; y = \!\!63 \;,\; v = \!\!240 \\ w = \!\!7 \;,\; h = \!\!65 \;,\; x = \!\!0 \;,\; y = \!\!0 \;,\; v = \!\!455 \\ w = \!\!6 \;,\; h = \!\!5 \;,\; x = \!\!1 \;,\; y = \!\!65 \;,\; v = \!\!30 \end{array}$



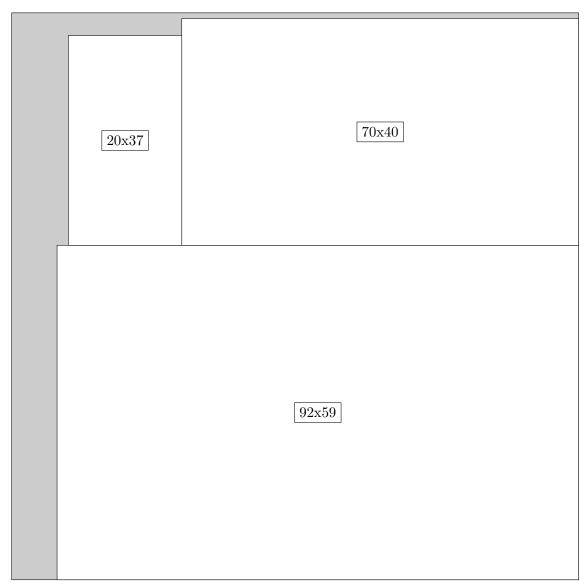
w =60, h =51, x =40, y =33, v =3060 w =60, h =15, x =40, y =84, v =900 w =38, h =1, x =62, y =99, v =38

 $\le =35$, h =61 , x =5 , y =33 , v =2135

w =5 , h =23 , x =0 , y =33 , v =115



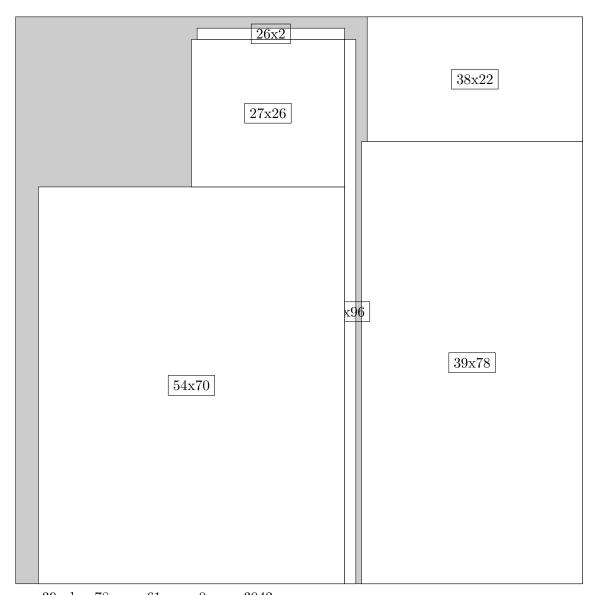
$$\begin{array}{l} w = \! 73 \ , \ h = \! 80 \ , \ x = \! 27 \ , \ y = \! 0 \ , \ v = \! 5840 \\ w = \! 27 \ , \ h = \! 41 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1107 \end{array}$$



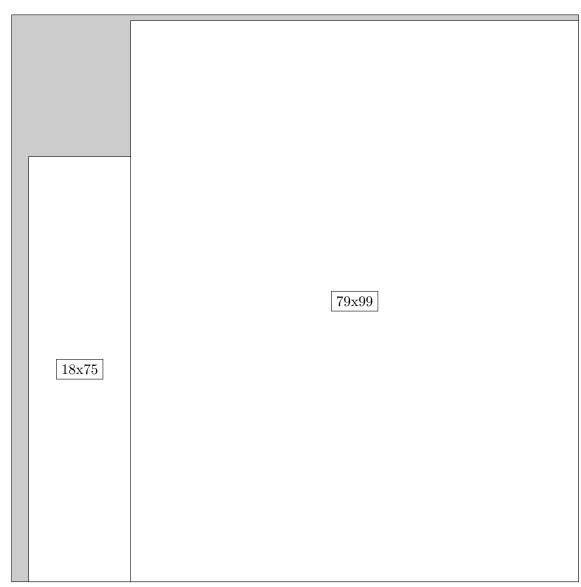
$$w$$
 =92 , h =59 , x =8 , y =0 , v =5428

$$w$$
 =70 , h =40 , x =30 , y =59 , v =2800

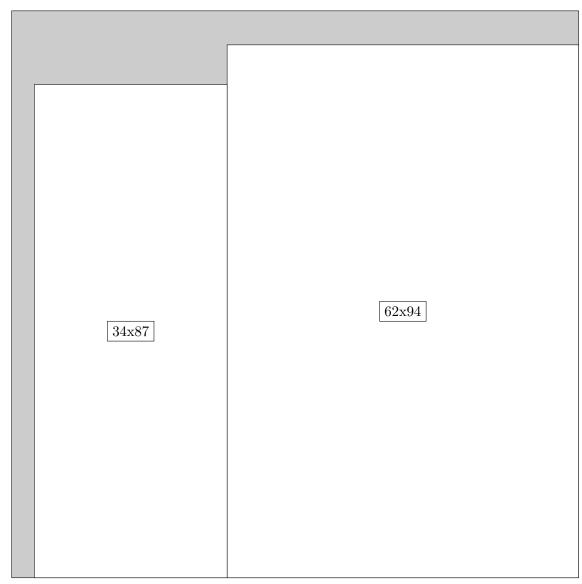
$$\le =20$$
 , h =37 , x =10 , y =59 , v =740



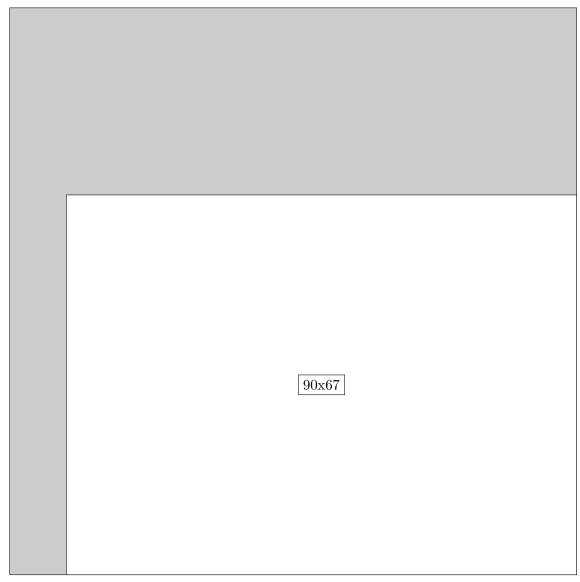
 $\begin{array}{l} w = 39 \ , \ h = 78 \ , \ x = 61 \ , \ y = 0 \ , \ v = 3042 \\ w = 38 \ , \ h = 22 \ , \ x = 62 \ , \ y = 78 \ , \ v = 836 \\ w = 2 \ , \ h = 96 \ , \ x = 58 \ , \ y = 0 \ , \ v = 192 \\ w = 54 \ , \ h = 70 \ , \ x = 4 \ , \ y = 0 \ , \ v = 3780 \\ w = 27 \ , \ h = 26 \ , \ x = 31 \ , \ y = 70 \ , \ v = 702 \\ w = 26 \ , \ h = 2 \ , \ x = 32 \ , \ y = 96 \ , \ v = 52 \end{array}$



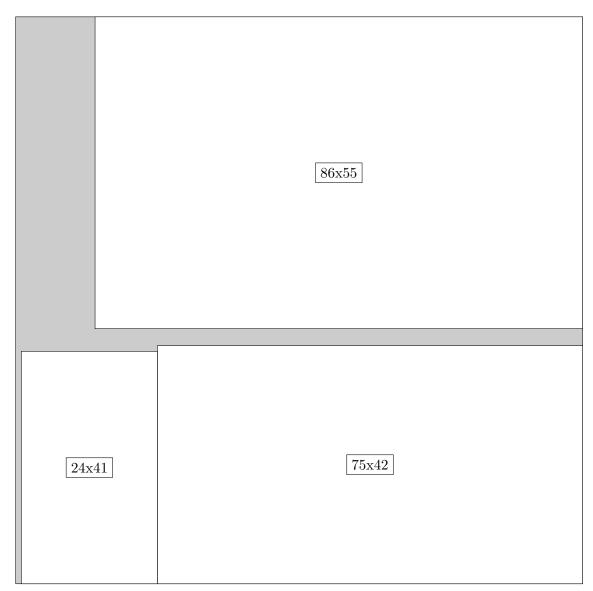
$$\begin{array}{l} w = 79 \ , \ h = 99 \ , \ x = 21 \ , \ y = 0 \ , \ v = 7821 \\ w = 18 \ , \ h = 75 \ , \ x = 3 \ , \ y = 0 \ , \ v = 1350 \end{array}$$



$$\begin{array}{l} w = \!\!62 \ , \ h = \!\!94 \ , \ x = \!\!38 \ , \ y = \!\!0 \ , \ v = \!\!5828 \\ w = \!\!34 \ , \ h = \!\!87 \ , \ x = \!\!4 \ , \ y = \!\!0 \ , \ v = \!\!2958 \end{array}$$



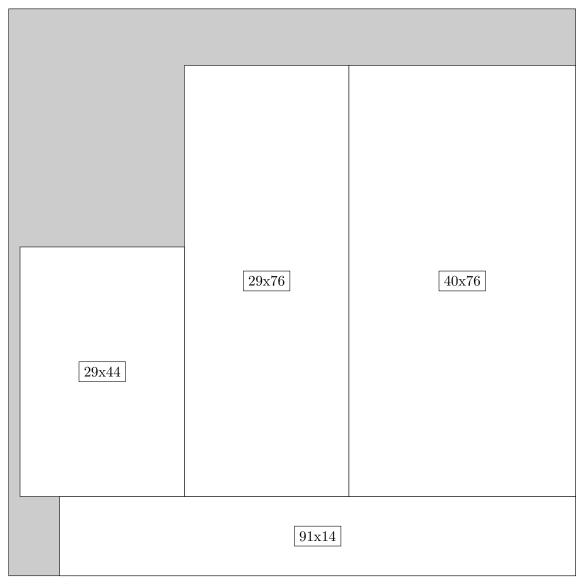
 $\le =90$, h =67 , x =10 , y =0 , v =6030



$$w$$
 =75 , h =42 , x =25 , y =0 , v =3150

$$\mathbf{w}$$
 =24 , h =41 , x =1 , y =0 , v =984

$$\le =86$$
 , h =55 , x =14 , y =45 , v =4730

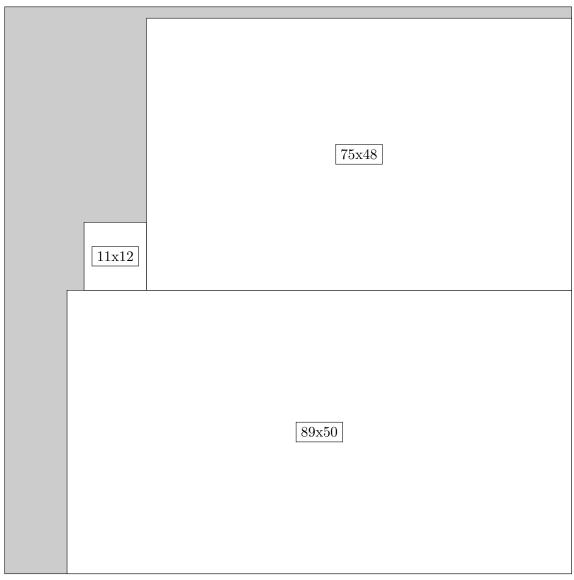


$$\le =91$$
 , h =14 , x =9 , y =0 , v =1274

$$\mathbf{w}$$
 =40 , h =76 , x =60 , y =14 , v =3040

$$\le =29$$
 , h =76 , x =31 , y =14 , v =2204

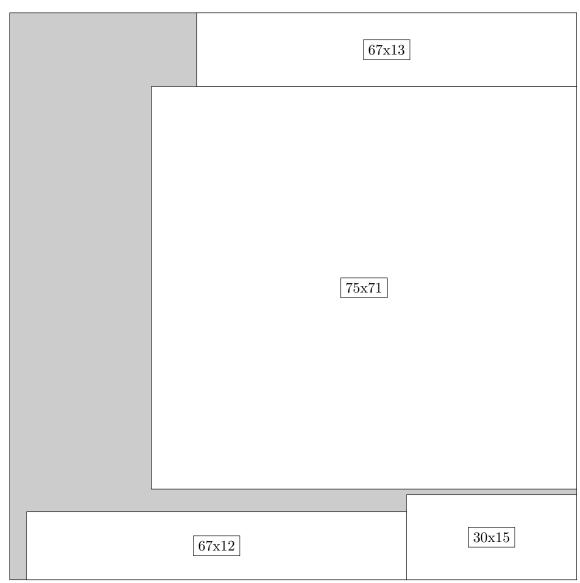
$$w$$
 =29 , h =44 , x =2 , y =14 , v =1276



$$w = 89$$
, $h = 50$, $x = 11$, $y = 0$, $v = 4450$

$$\le =75$$
 , h =48 , x =25 , y =50 , v =3600

$$\le =11$$
 , $h=12$, $x=14$, $y=50$, $v=132$



$$\le =30$$
 , h =15 , x =70 , y =0 , v =450

$$\le =67$$
 , h =12 , x =3 , y =0 , v =
804

$$\le =75$$
 , h =71 , x =25 , y =16 , v =5325

$$\mathbf{w}$$
 =67 , h =13 , x =33 , y =87 , v =871