$ClassName: \ Class\_05.2bp-27$ 

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>190000</u> InS: <u>161089</u> Rate: <u>0.848</u> UB: <u>19</u> LB0: <u>19</u>

LBWithCut:  $\underline{\mathbf{19}}$  NodeCut:  $\underline{\mathbf{0}}$ 

LB: **19** 

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

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{19}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

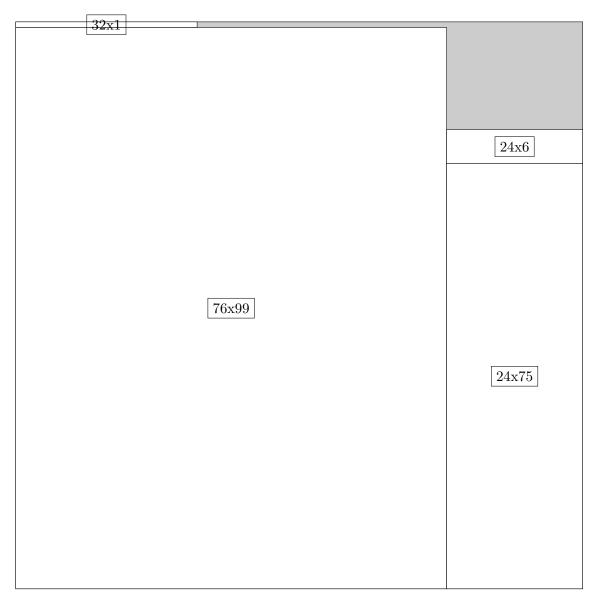
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.070 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.110 \ s} \\ {\rm TotalTime:} \ \underline{0.258 \ s} \\ \end{array}$ 

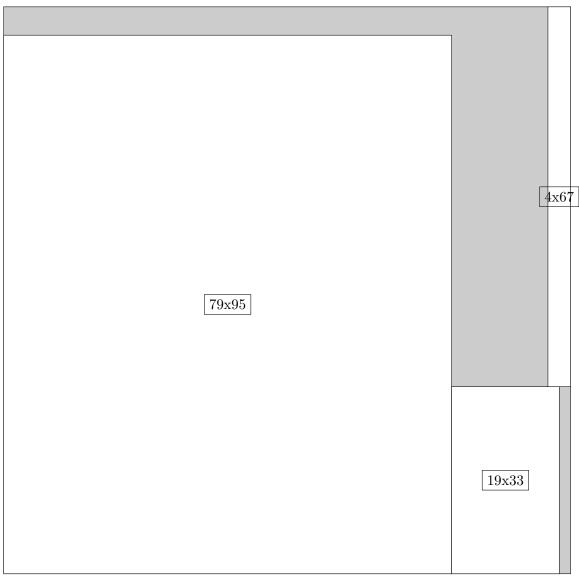


$$\mathbf{w}$$
 =77 ,  $\mathbf{h}$  =100 ,  $\mathbf{x}$  =0 ,  $\mathbf{y}$  =0 ,  $\mathbf{v}$  =7700

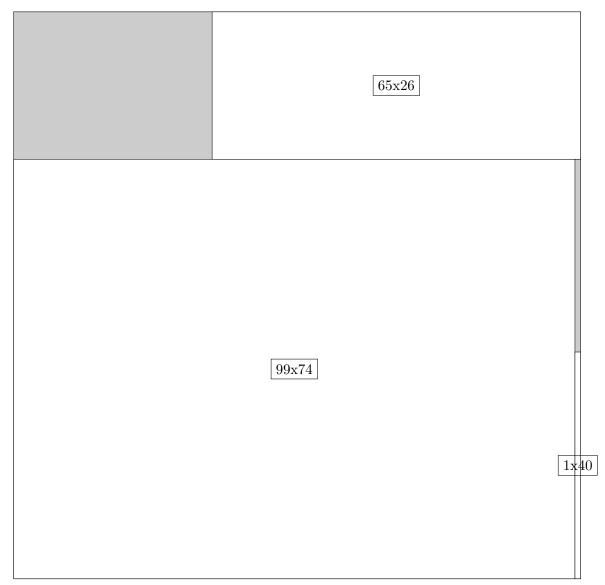
$$\le =23$$
 , h =59 , x =77 , y =0 , v =1357

$$\le =23$$
 , h =1 , x =77 , y =59 , v =23

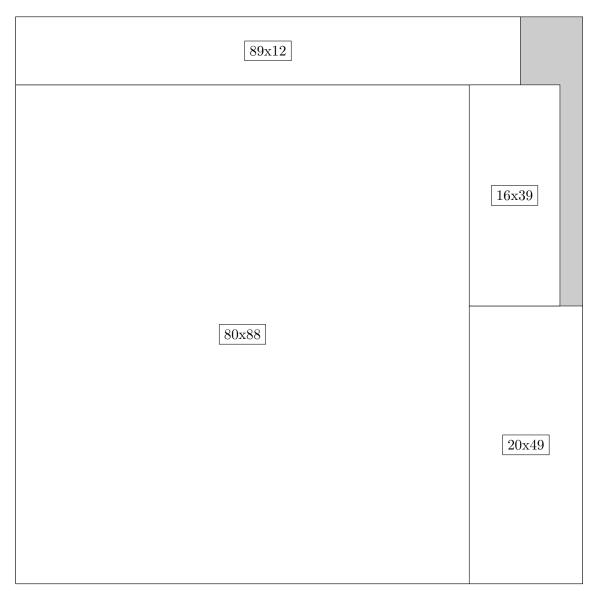




 $\begin{array}{l} w = 79 \ , \ h = 95 \ , \ x = 0 \ , \ y = 0 \ , \ v = 7505 \\ w = 19 \ , \ h = 33 \ , \ x = 79 \ , \ y = 0 \ , \ v = 627 \\ w = 4 \ , \ h = 67 \ , \ x = 96 \ , \ y = 33 \ , \ v = 268 \end{array}$ 



$$\begin{array}{l} w = 99 \ , \ h = 74 \ , \ x = 0 \ , \ y = 0 \ , \ v = 7326 \\ w = 65 \ , \ h = 26 \ , \ x = 35 \ , \ y = 74 \ , \ v = 1690 \\ w = 1 \ , \ h = 40 \ , \ x = 99 \ , \ y = 0 \ , \ v = 40 \end{array}$$

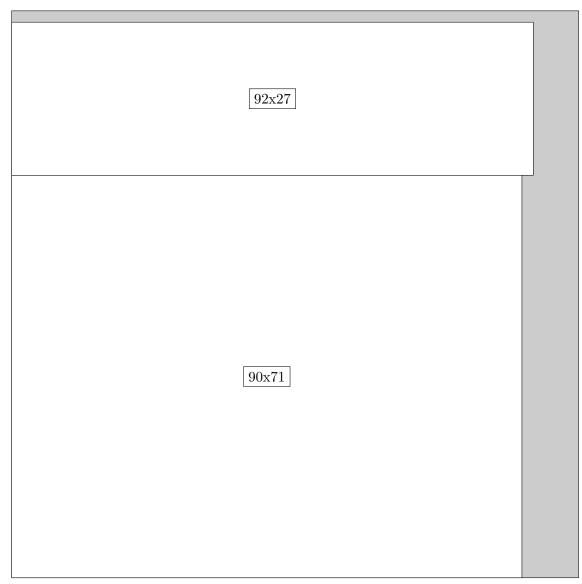


$$w$$
 =80 ,  $h$  =88 ,  $x$  =0 ,  $y$  =0 ,  $v$  =7040

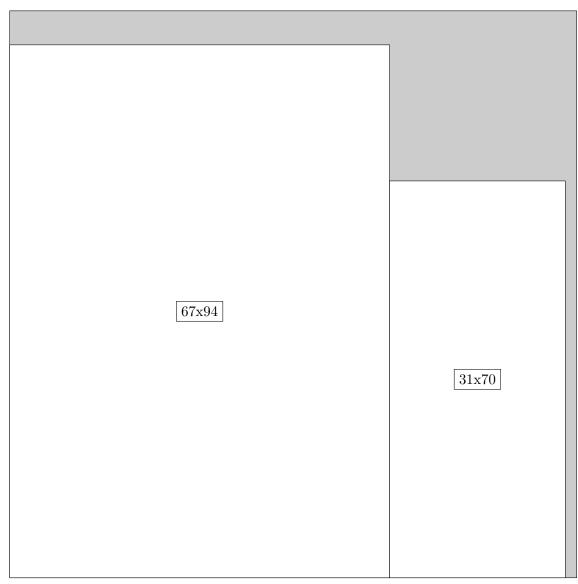
$$\le =89$$
 ,  $h$  =12 ,  $x$  =0 ,  $y$  =88 ,  $v$  =1068

$$\le =20$$
 , h =49 , x =80 , y =0 , v =980

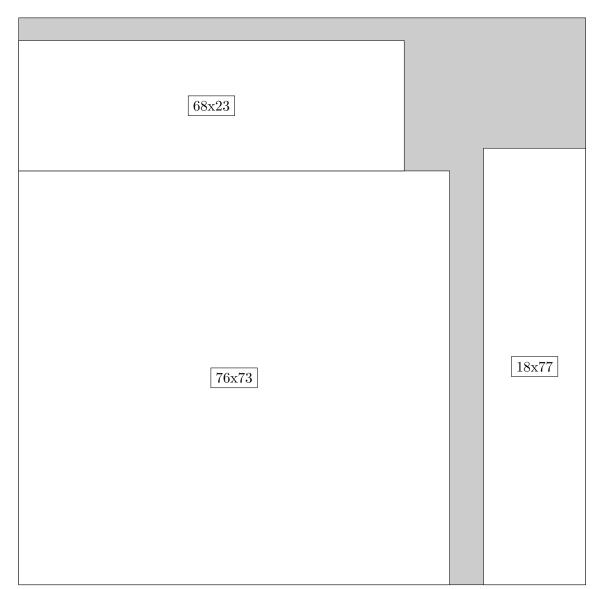
$$w$$
 =16 , h =39 , x =80 , y =49 , v =624



$$\begin{array}{l} w = \! 90 \ , \ h = \! 71 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6390 \\ w = \! 92 \ , \ h = \! 27 \ , \ x = \! 0 \ , \ y = \! 71 \ , \ v = \! 2484 \end{array}$$



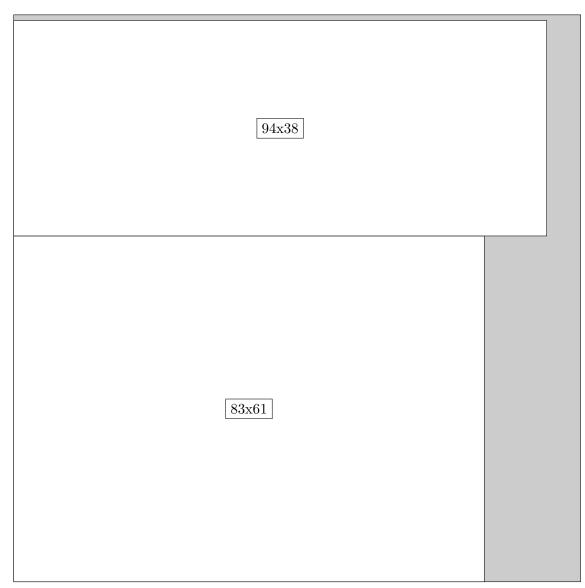
$$\begin{array}{c} w = \!67 \; , \; h = \!94 \; , \; x = \!0 \; , \; y = \!0 \; , \; v = \!6298 \\ w = \!31 \; , \; h = \!70 \; , \; x = \!67 \; , \; y = \!0 \; , \; v = \!2170 \\ \end{array}$$



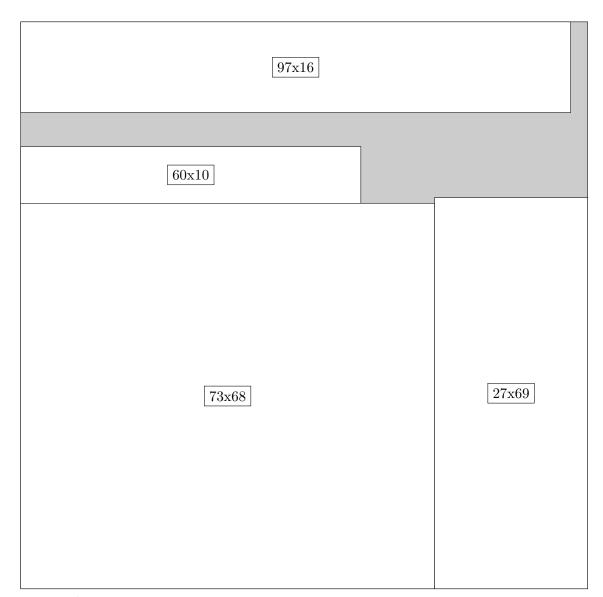
$$\le =76$$
 , h =73 , x =0 , y =0 , v =5548

$$\le =68$$
 , h =23 , x =0 , y =73 , v =1564

$$\le =18$$
 ,  $h$  =77 ,  $x$  =82 ,  $y$  =0 ,  $v$  =1386



$$\begin{array}{l} w = \! 83 \ , \ h = \! 61 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5063 \\ w = \! 94 \ , \ h = \! 38 \ , \ x = \! 0 \ , \ y = \! 61 \ , \ v = \! 3572 \end{array}$$

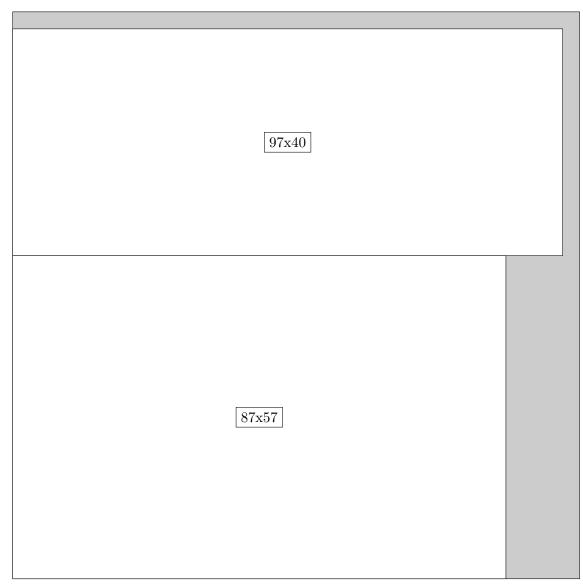


$$\mathbf{w}$$
 =60 ,  $\mathbf{h}$  =10 ,  $\mathbf{x}$  =0 ,  $\mathbf{y}$  =68 ,  $\mathbf{v}$  =600

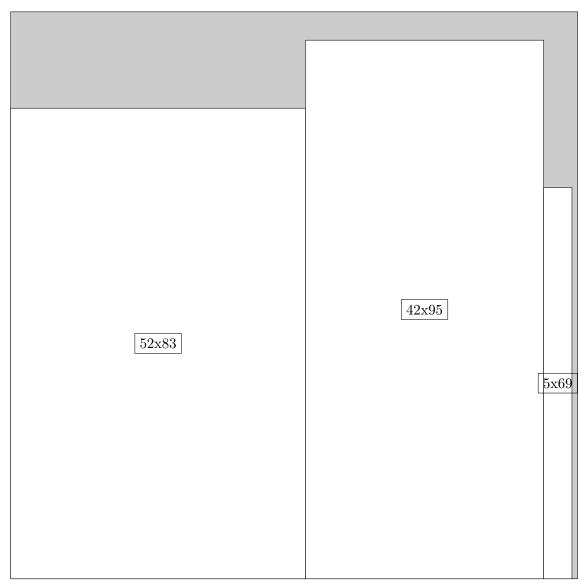
$$\le =27$$
 , h =69 , x =73 , y =0 , v =1863

$$\le =97$$
 , h =16 , x =0 , y =84 , v =1552

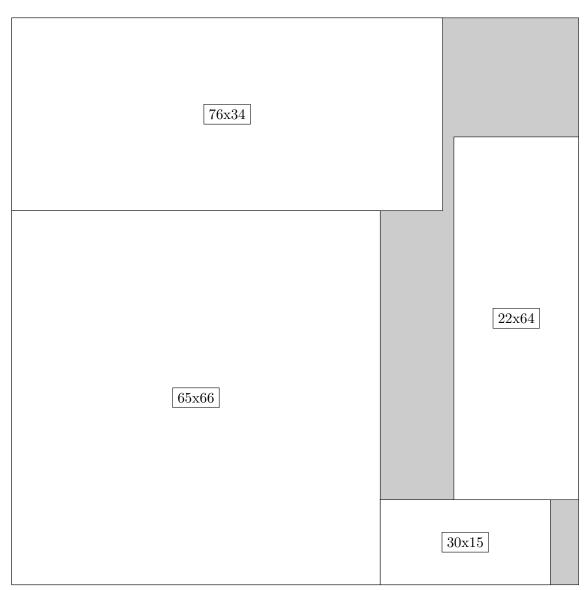
$$\mathbf{w}$$
 =73 , h =68 , x =0 , y =0 , v =4964



$$\begin{array}{l} w = \!\!87 \ , \ h = \!\!57 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!4959 \\ w = \!\!97 \ , \ h = \!\!40 \ , \ x = \!\!0 \ , \ y = \!\!57 \ , \ v = \!\!3880 \end{array}$$



$$\begin{array}{l} w = \!\!52 \ , \ h = \!\!83 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!4316 \\ w = \!\!42 \ , \ h = \!\!95 \ , \ x = \!\!52 \ , \ y = \!\!0 \ , \ v = \!\!3990 \\ w = \!\!5 \ , \ h = \!\!69 \ , \ x = \!\!94 \ , \ y = \!\!0 \ , \ v = \!\!345 \end{array}$$

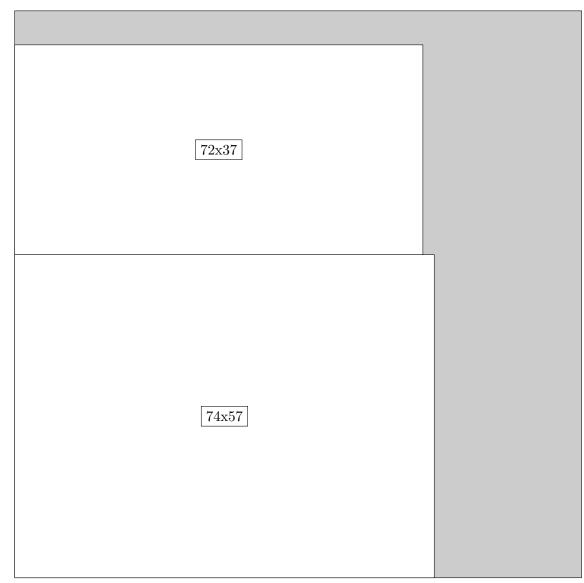


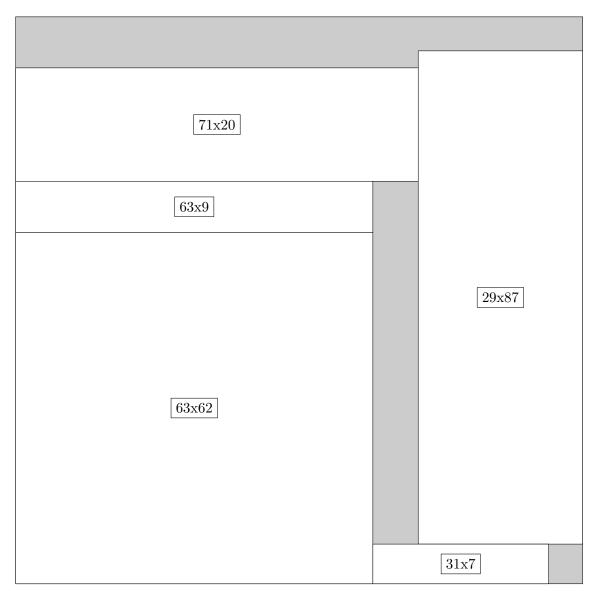
$$\le =65$$
 , h =66 , x =0 , y =0 , v =4290

$$\le =76$$
 , h =34 , x =0 , y =66 , v =2584

$$\le =22$$
 , h =64 , x =78 , y =15 , v =1408

$$\le =30$$
 ,  $h$  =15 ,  $x$  =65 ,  $y$  =0 ,  $v$  =450





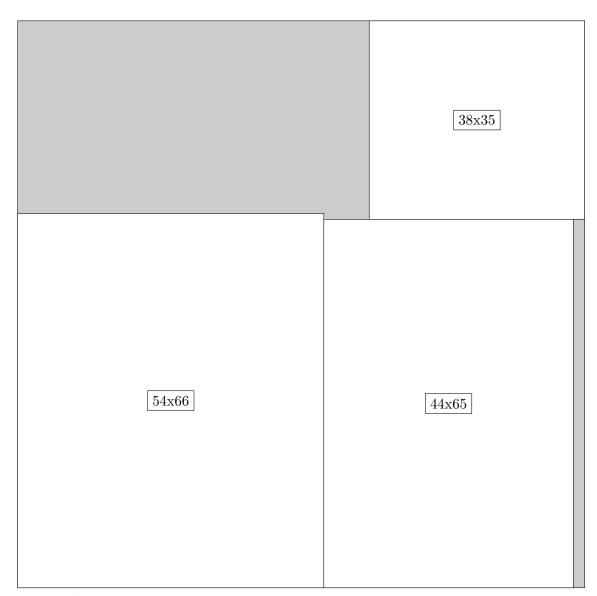
$$\mathbf{w}$$
 =63 , h =62 , x =0 , y =0 , v =3906

$$\le =29$$
 , h =87 , x =71 , y =7 , v =2523

$$\mathbf{w}$$
 =71 , h =20 , x =0 , y =71 , v =1420

$$\le =63$$
 , h =9 , x =0 , y =62 , v =  
567

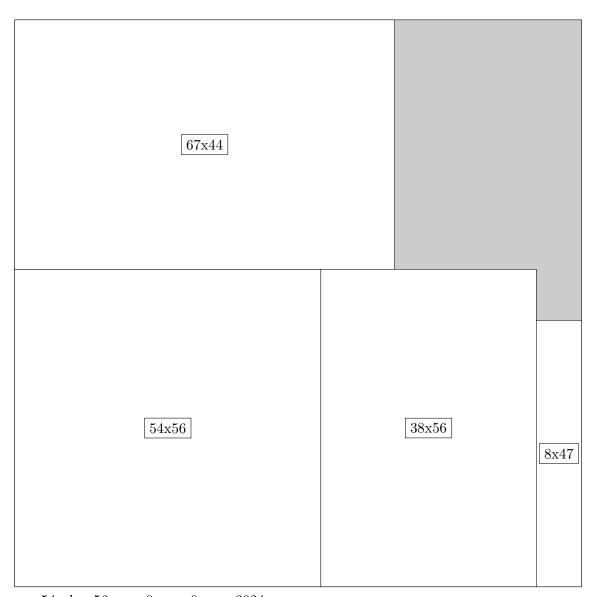
$$\le =31$$
 ,  $h$  =7 ,  $x$  =63 ,  $y$  =0 ,  $v$  =217



$$\le =54$$
 ,  $h$  =66 ,  $x$  =0 ,  $y$  =0 ,  $v$  =3564

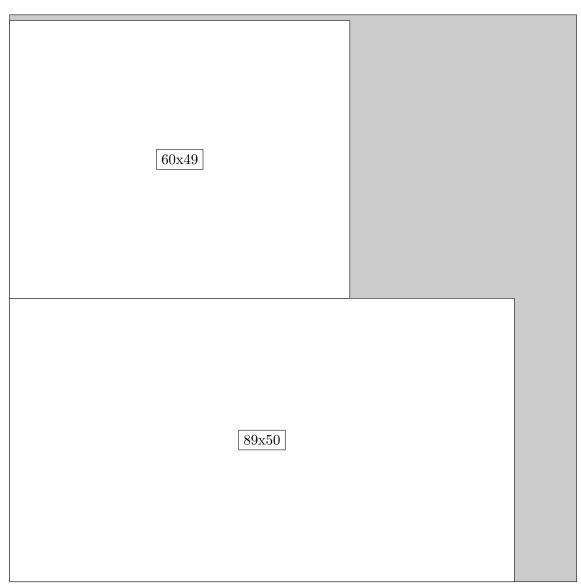
$$\le =44$$
 , h =65 , x =54 , y =0 , v =2860

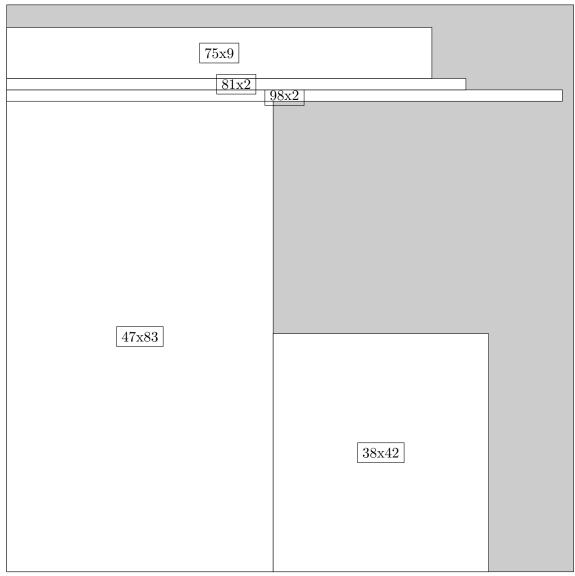
$$\le =38$$
 , h =35 , x =62 , y =65 , v =1330



$$\begin{array}{l} w = \!54 \; , \; h = \!56 \; , \; x = \!0 \; , \; y = \!0 \; , \; v = \!3024 \\ w = \!67 \; , \; h = \!44 \; , \; x = \!0 \; , \; y = \!56 \; , \; v = \!2948 \\ w = \!38 \; , \; h = \!56 \; , \; x = \!54 \; , \; y = \!0 \; , \; v = \!2128 \end{array}$$

w =8 , h =47 , x =92 , y =0 , v =376





$$\mathbf{w}$$
 =47 , h =83 , x =0 , y =0 , v =3901

$$\le 38$$
 , h =42 , x =47 , y =0 , v =1596

$$\mathbf{w}$$
 =75 , h =9 , x =0 , y =87 , v =675

$$\le =98$$
 , h =2 , x =0 , y =83 , v =196

$$\le =81$$
 ,  $h$  =2 ,  $x$  =0 ,  $y$  =85 ,  $v$  =162