$ClassName: \ Class_05.2bp-27$

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>
LB: <u>19</u>

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

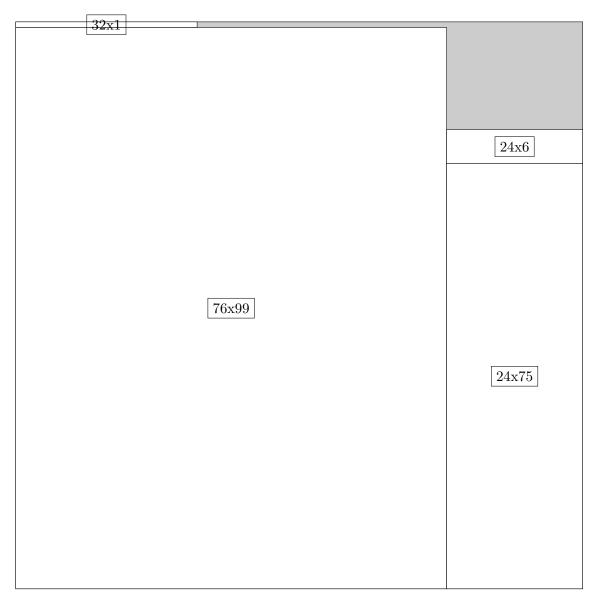
TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{0.000 \text{ s}}$ TimeOnRmp: $\underline{0.063 \text{ s}}$ TotalTime: $\underline{0.125 \text{ s}}$

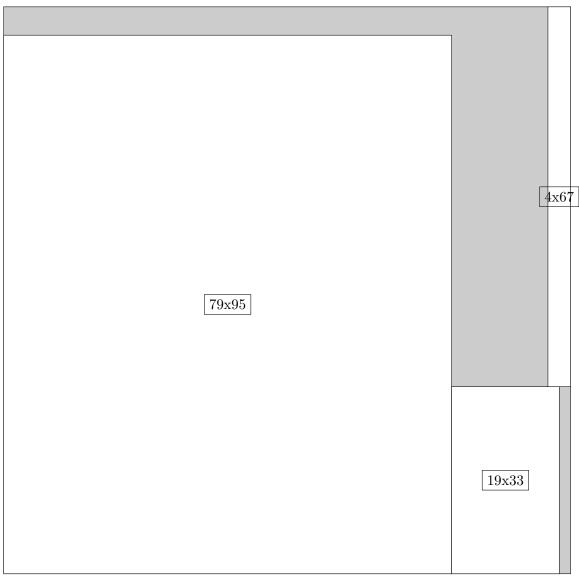


$$\mathbf{w}$$
 =77 , \mathbf{h} =100 , \mathbf{x} =0 , \mathbf{y} =0 , \mathbf{v} =7700

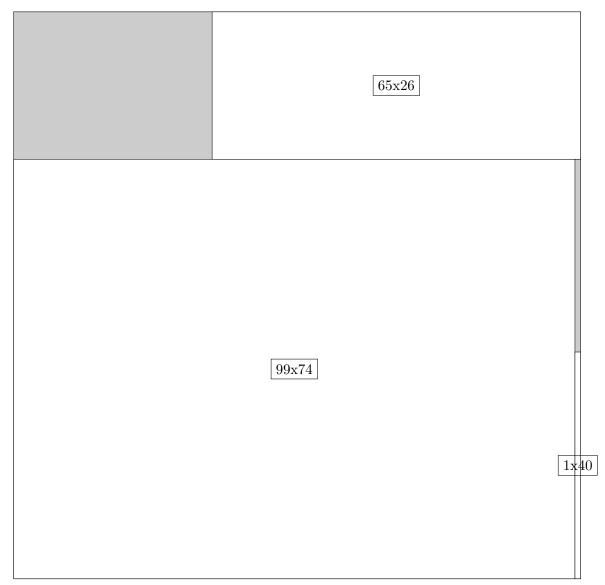
$$\le =23$$
 , h =59 , x =77 , y =0 , v =1357

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

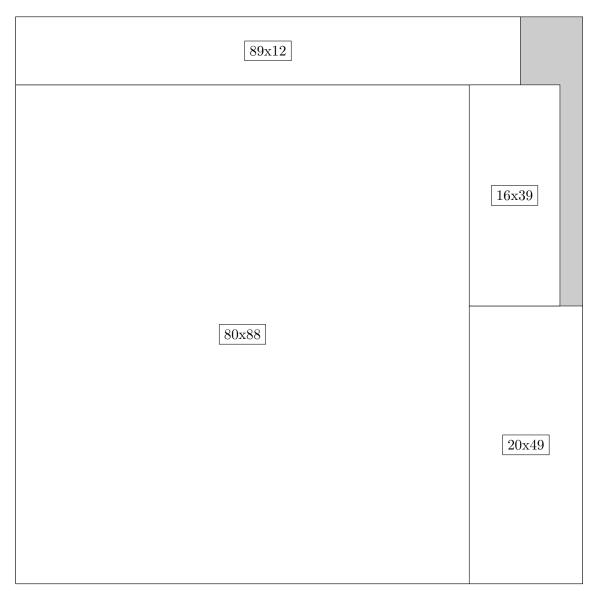




 $\begin{array}{l} w = 79 \ , \ h = 95 \ , \ x = 0 \ , \ y = 0 \ , \ v = 7505 \\ w = 19 \ , \ h = 33 \ , \ x = 79 \ , \ y = 0 \ , \ v = 627 \\ w = 4 \ , \ h = 67 \ , \ x = 96 \ , \ y = 33 \ , \ v = 268 \end{array}$



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

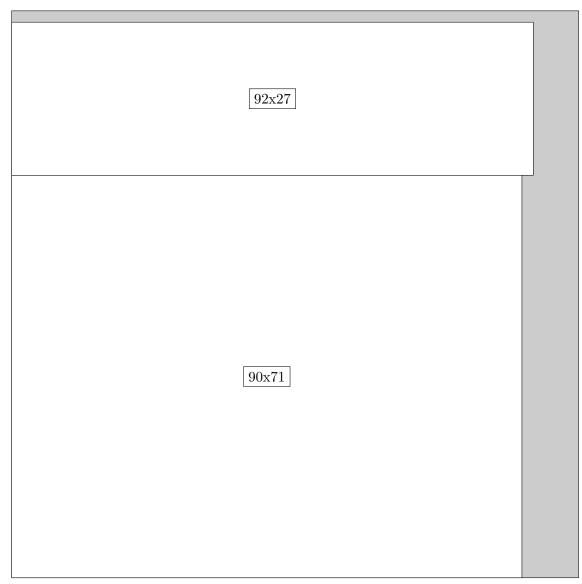


$$w$$
 =80 , h =88 , x =0 , y =0 , v =7040

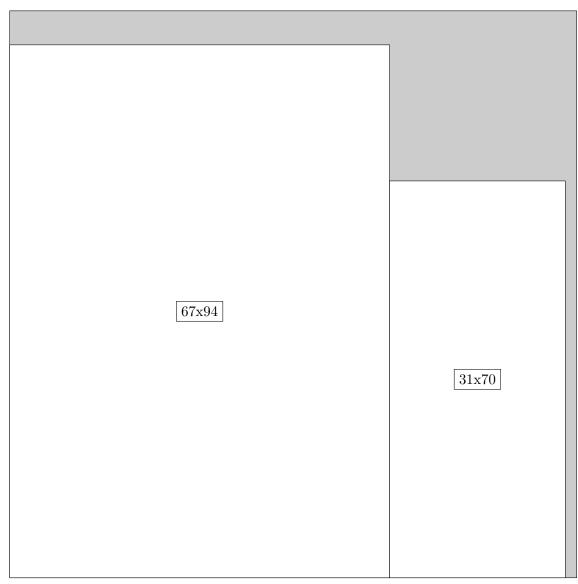
$$\le =89$$
 , h =12 , x =0 , y =88 , v =1068

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

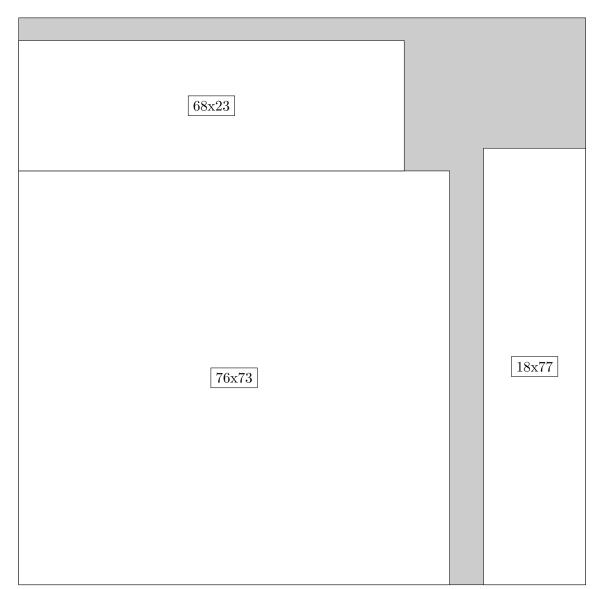
$$w$$
 =16 , h =39 , x =80 , y =49 , v =624



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



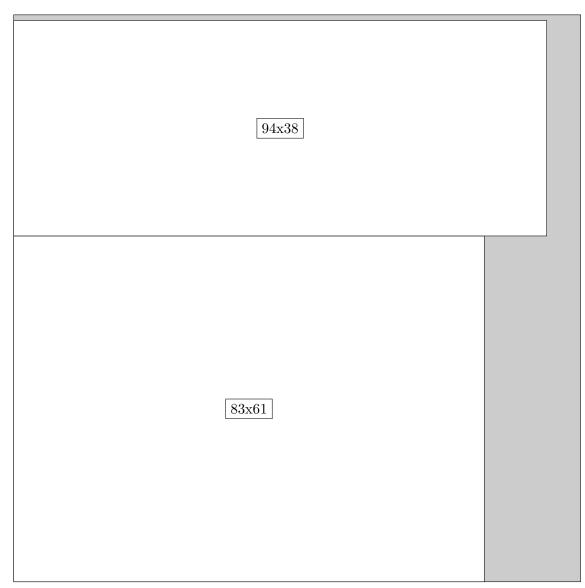
$$\begin{array}{c} w = \!67 \; , \; h = \!94 \; , \; x = \!0 \; , \; y = \!0 \; , \; v = \!6298 \\ w = \!31 \; , \; h = \!70 \; , \; x = \!67 \; , \; y = \!0 \; , \; v = \!2170 \\ \end{array}$$



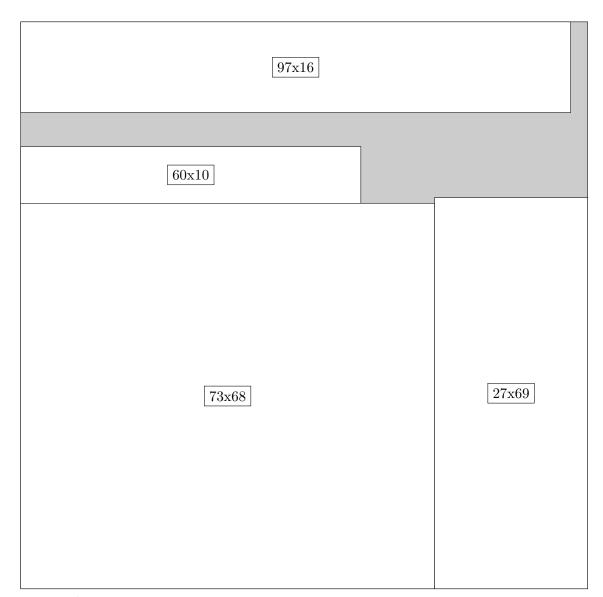
$$\le =76$$
 , h =73 , x =0 , y =0 , v =5548

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

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



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

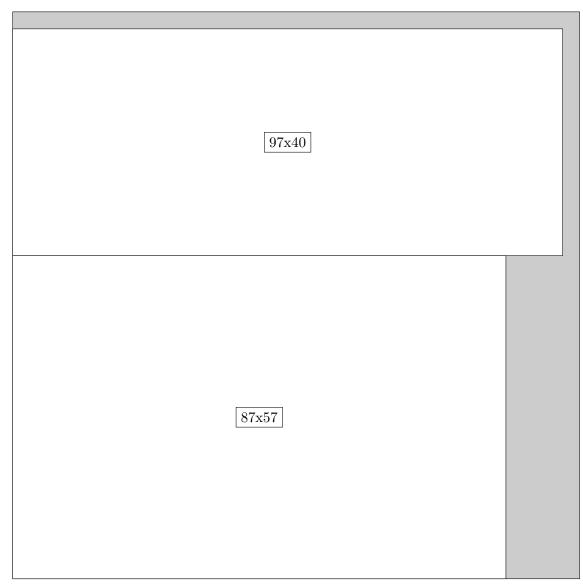


$$\mathbf{w}$$
 =60 , \mathbf{h} =10 , \mathbf{x} =0 , \mathbf{y} =68 , \mathbf{v} =600

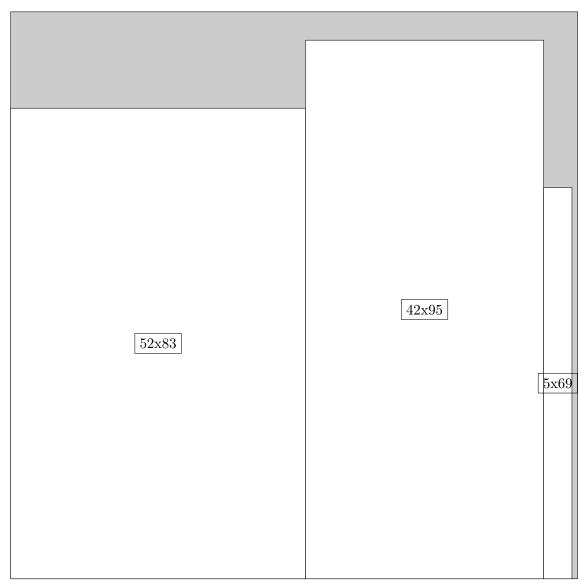
$$\le =27$$
 , h =69 , x =73 , y =0 , v =1863

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

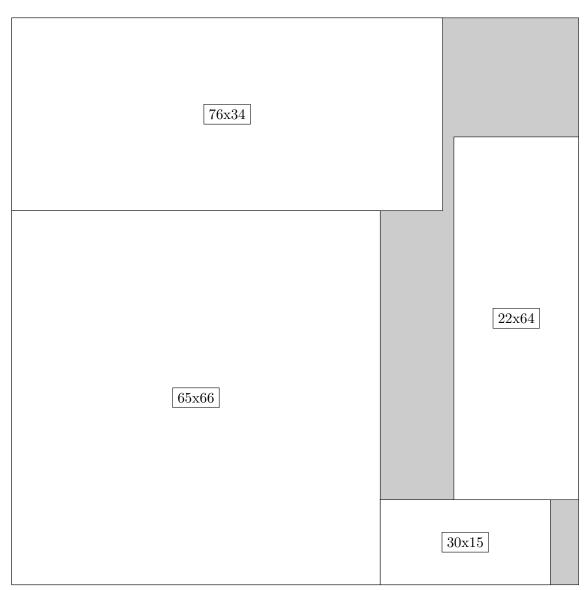
$$\mathbf{w}$$
 =73 , h =68 , x =0 , y =0 , v =4964



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



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

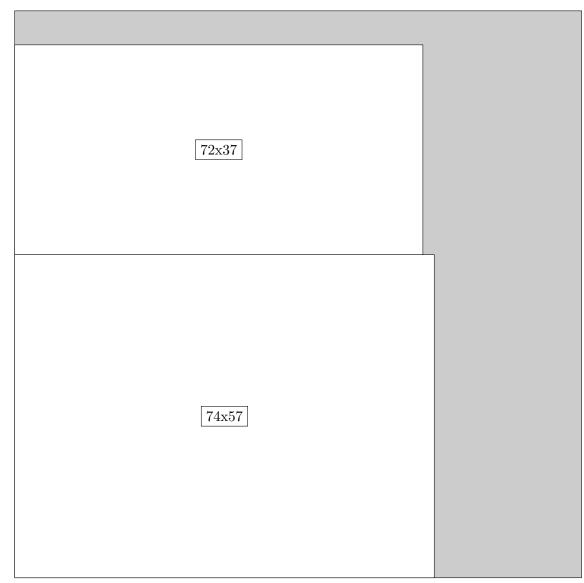


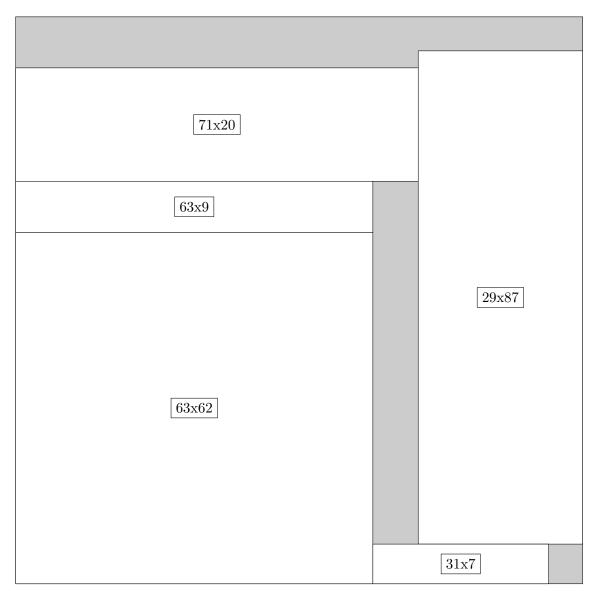
$$\le =65$$
 , h =66 , x =0 , y =0 , v =4290

$$\le =76$$
 , 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





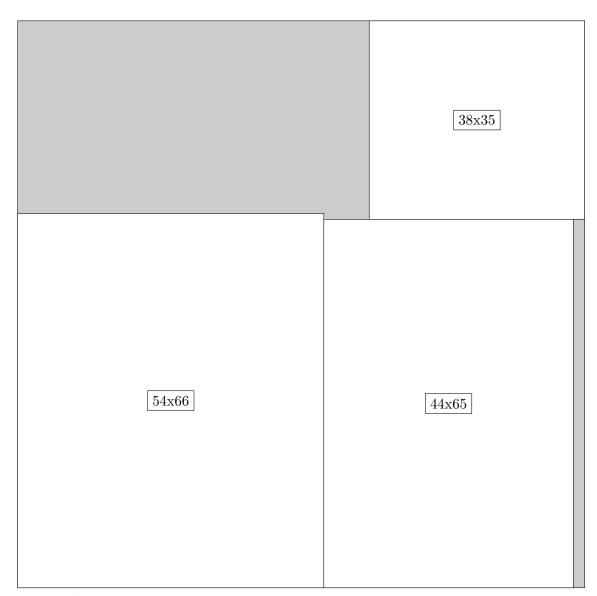
$$\mathbf{w}$$
 =63 , h =62 , x =0 , y =0 , v =3906

$$\le =29$$
 , 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

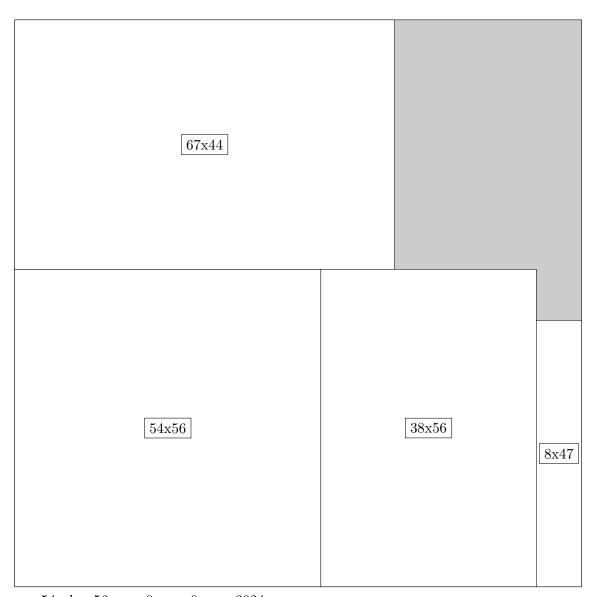
$$\le =31$$
 , h =7 , x =63 , y =0 , v =217



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

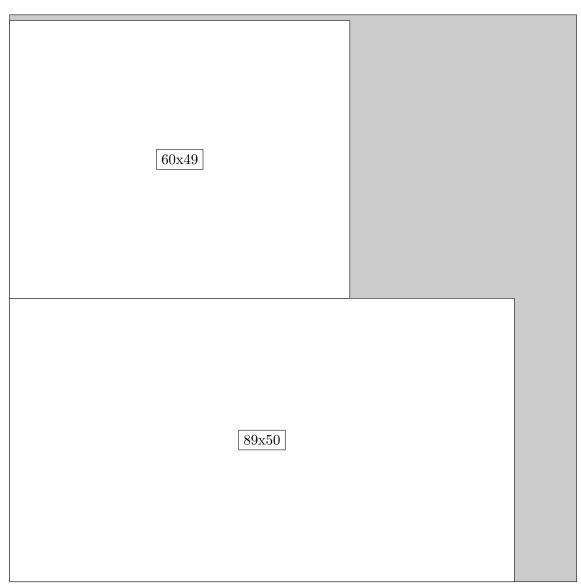
$$\le =44$$
 , h =65 , x =54 , y =0 , v =2860

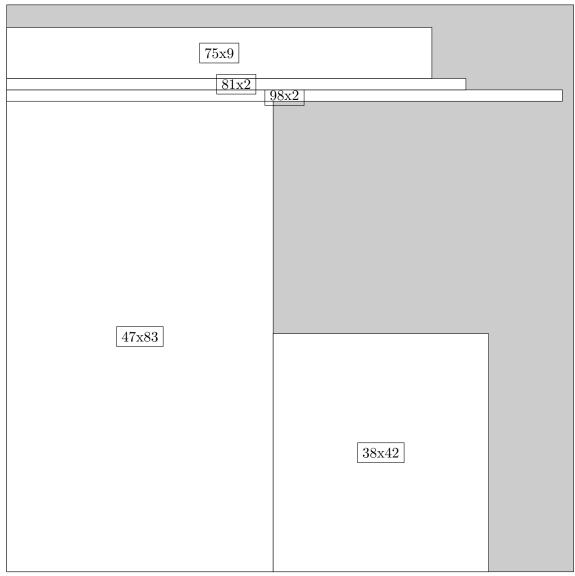
$$\le =38$$
 , h =35 , x =62 , y =65 , v =1330



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

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