$ClassName: \ Class_05.2bp\text{-}13$

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>130000</u> InS: <u>104282</u> Rate: <u>0.802</u> UB: <u>13</u> LB0: <u>12</u>

LBWithCut: $\underline{\bf 13}$ NodeCut: $\underline{\bf 0}$

LB: **13**

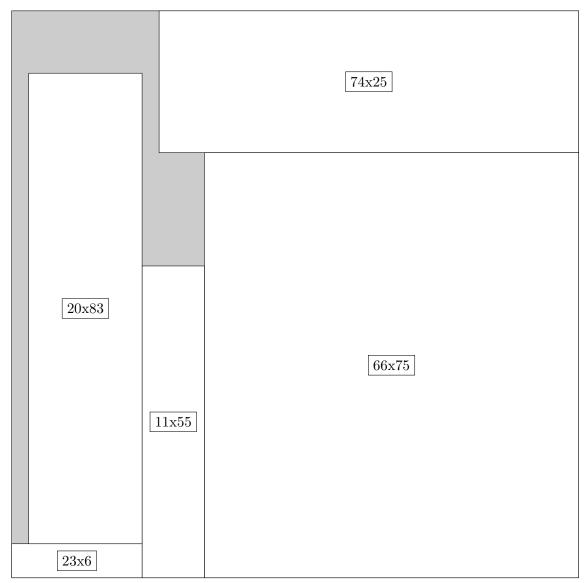
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{75}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{63}}$ PricingSolverCnt: $\underline{\mathbf{63}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

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

TimeOnPrimal: 0.000 sTimeOnPricing: 17.645 sTimeOnRmp: 0.122 sTotalTime: 618.050 s



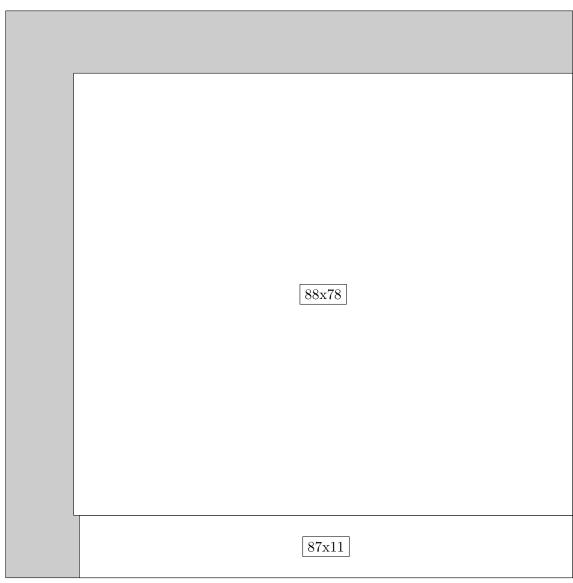
$$w = 66$$
, $h = 75$, $x = 34$, $y = 0$, $v = 4950$

$$\le =11$$
 , h =55 , x =23 , y =0 , v =605

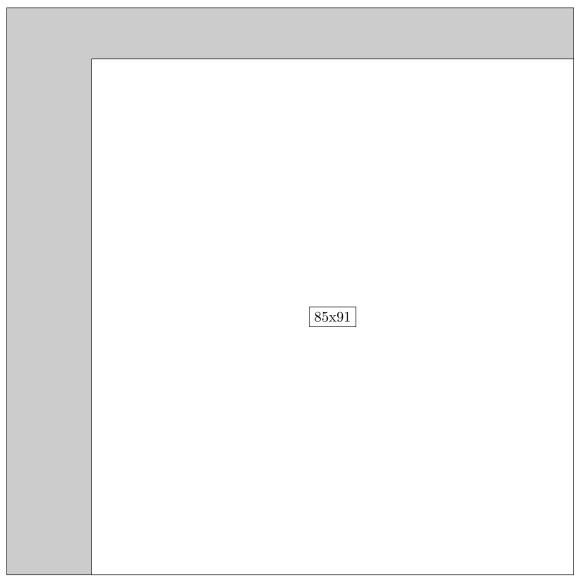
$$\le -74$$
 , h =
25 , x =
26 , y =
75 , v =
1850

$$\le =23$$
 , h =6 , x =0 , y =0 , v =138

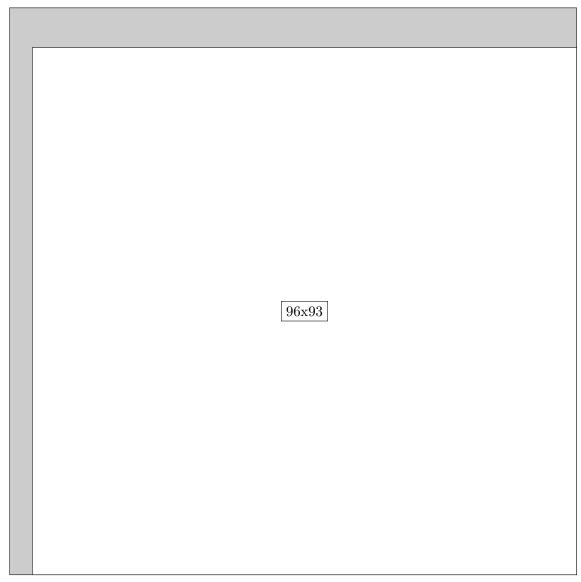
$$\mathbf{w}$$
 =20 , h =83 , x =3 , y =6 , v =1660



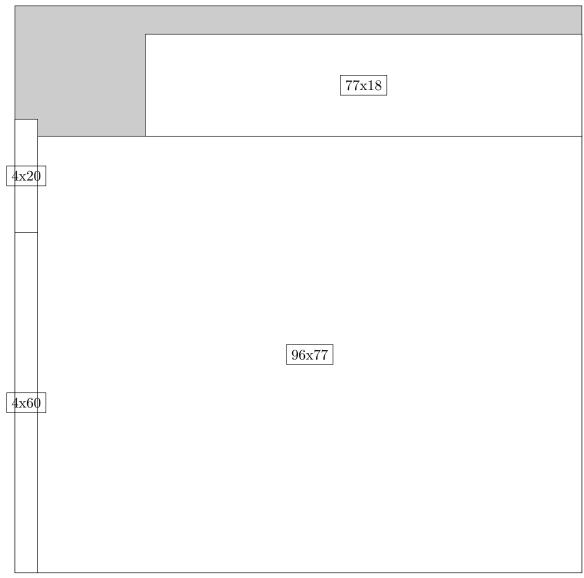
$$\begin{array}{l} w = \! 87 \; , \; h = \! 11 \; , \; x = \! 13 \; , \; y = \! 0 \; , \; v = \! 957 \\ w = \! 88 \; , \; h = \! 78 \; , \; x = \! 12 \; , \; y = \! 11 \; , \; v = \! 6864 \end{array}$$



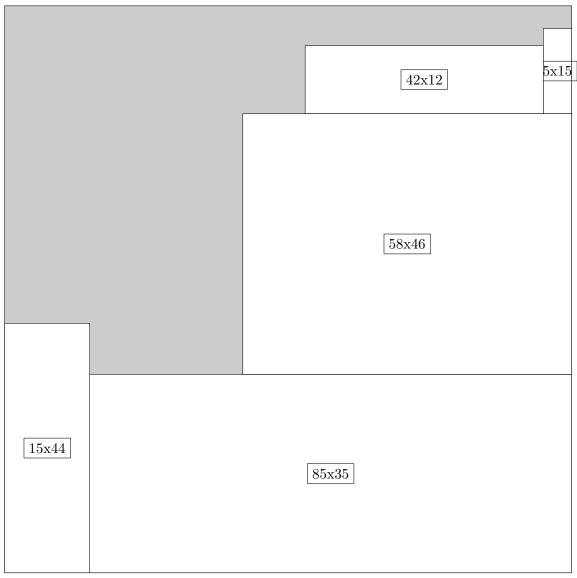
 $\le =85$, h =91 , x =15 , y =0 , v =7735



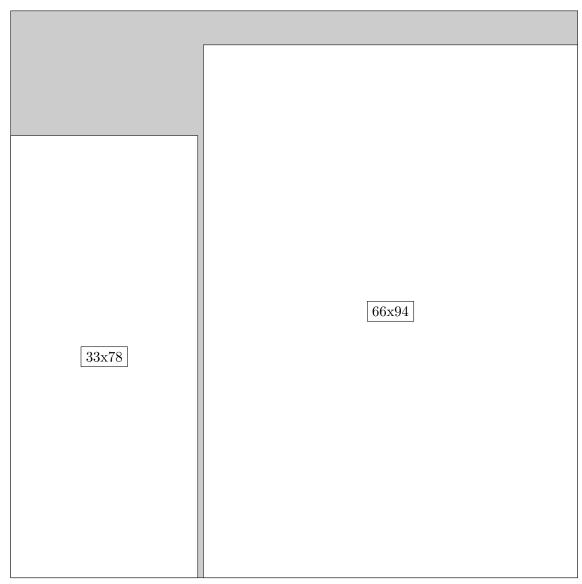
 $\le =96$, h =93 , x =4 , y =0 , v =8928

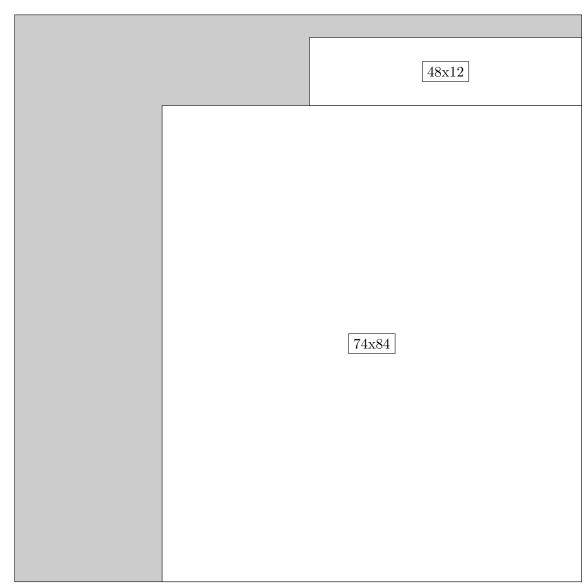


$$\begin{array}{l} w = \!96 \ , \ h = \!77 \ , \ x = \!4 \ , \ y = \!0 \ , \ v = \!7392 \\ w = \!77 \ , \ h = \!18 \ , \ x = \!23 \ , \ y = \!77 \ , \ v = \!1386 \\ w = \!4 \ , \ h = \!60 \ , \ x = \!0 \ , \ y = \!0 \ , \ v = \!240 \\ w = \!4 \ , \ h = \!20 \ , \ x = \!0 \ , \ y = \!60 \ , \ v = \!80 \end{array}$$

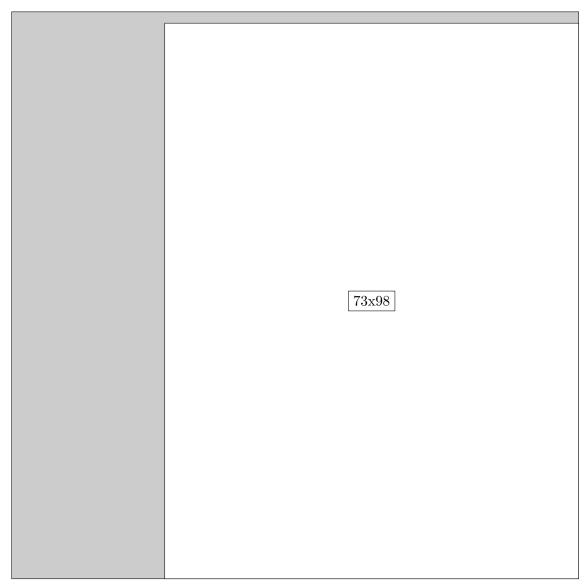


 $\begin{array}{l} w = \! 85 \ , \ h = \! 35 \ , \ x = \! 15 \ , \ y = \! 0 \ , \ v = \! 2975 \\ w = \! 58 \ , \ h = \! 46 \ , \ x = \! 42 \ , \ y = \! 35 \ , \ v = \! 2668 \\ w = \! 5 \ , \ h = \! 15 \ , \ x = \! 95 \ , \ y = \! 81 \ , \ v = \! 75 \\ w = \! 42 \ , \ h = \! 12 \ , \ x = \! 53 \ , \ y = \! 81 \ , \ v = \! 504 \\ w = \! 15 \ , \ h = \! 44 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 660 \end{array}$

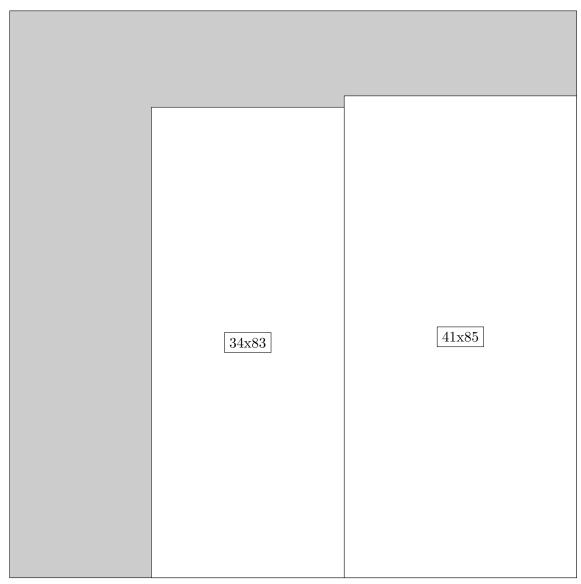




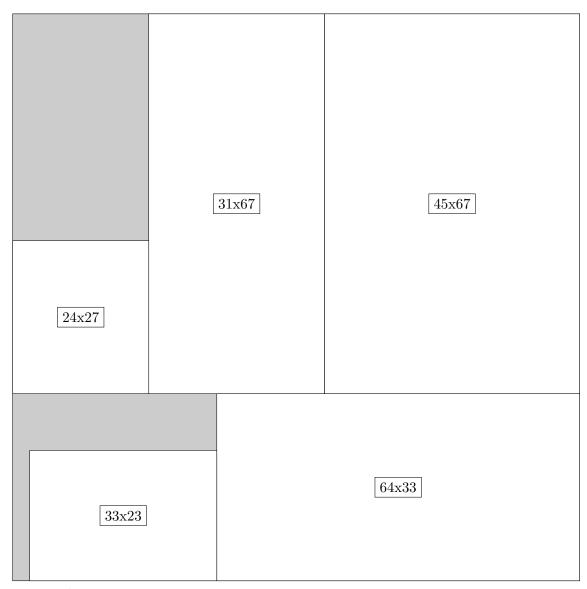
$$\begin{array}{l} w = \!\!\!\! 74 \ , \ h = \!\!\!\! 84 \ , \ x = \!\!\!\! 26 \ , \ y = \!\!\!\! 0 \ , \ v = \!\!\!\! 6216 \\ w = \!\!\!\! 48 \ , \ h = \!\!\!\! 12 \ , \ x = \!\!\!\! 52 \ , \ y = \!\!\!\! 84 \ , \ v = \!\!\!\! 576 \end{array}$$



 $\le =73$, h =98 , x =27 , y =0 , v =7154



$$\begin{array}{l} w = \! 41 \ , \ h = \! 85 \ , \ x = \! 59 \ , \ y = \! 0 \ , \ v = \! 3485 \\ w = \! 34 \ , \ h = \! 83 \ , \ x = \! 25 \ , \ y = \! 0 \ , \ v = \! 2822 \end{array}$$



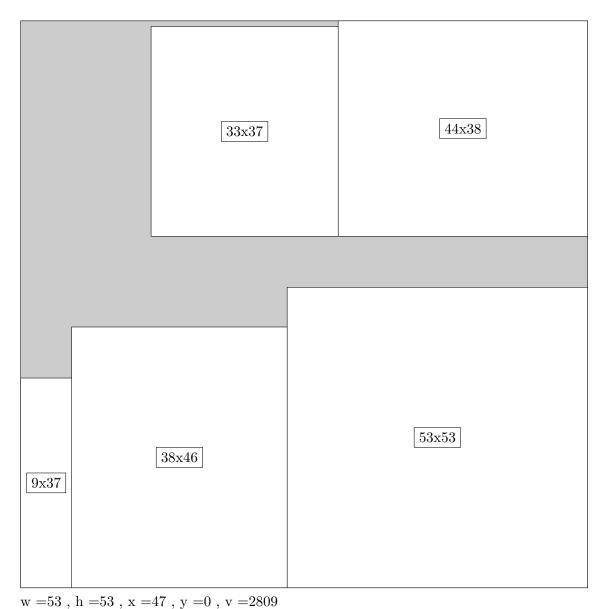
$$\le =64$$
 , h =33 , x =36 , y =0 , v =2112

$$\le =33$$
 , h =23 , x =3 , y =0 , v =759

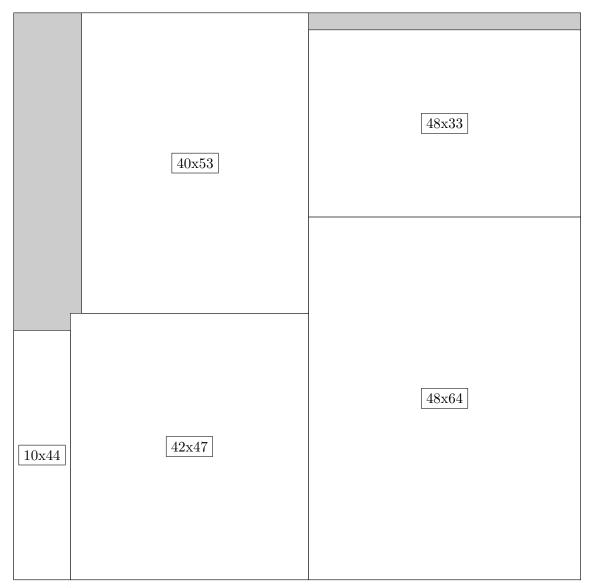
$$\le =45$$
 , $h=\!67$, $x=\!55$, $y=\!33$, $v=\!3015$

$$\le =31$$
 , $h=67$, $x=24$, $y=33$, $v=2077$

$$\le =24$$
 , h =27 , x =0 , y =33 , v =648



 $\le =33$, h =37 , x =23 , y =62 , v =1221



$$w = 48$$
, $h = 64$, $x = 52$, $y = 0$, $v = 3072$

$$\le =48$$
 , h =33 , x =52 , y =64 , v =1584

$$\le =42$$
 , $h=47$, $x=10$, $y=0$, $v=1974$

$$\mathbf{w}$$
 =10 , h =44 , x =0 , y =0 , v =440

$$\le =40$$
 , h =53 , x =12 , y =47 , v =2120