$ClassName: \ Class_08.2bp-17$

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

TypeNum: <u>40</u>
Num: <u>40</u>
OutS: <u>110000</u>
InS: <u>91811</u>
Rate: <u>0.835</u>
UR: 11

UB: <u>11</u> LB0: <u>11</u> LB: <u>11</u>

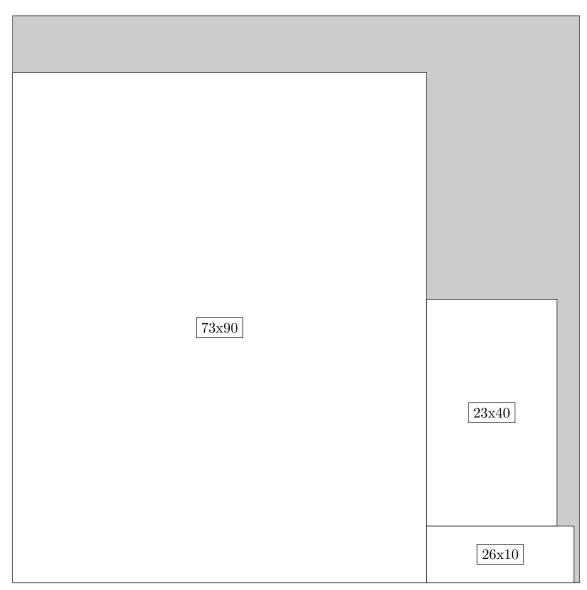
LBWithCut: $\underline{\mathbf{11}}$ NodeCut: $\underline{\mathbf{0}}$

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{11}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

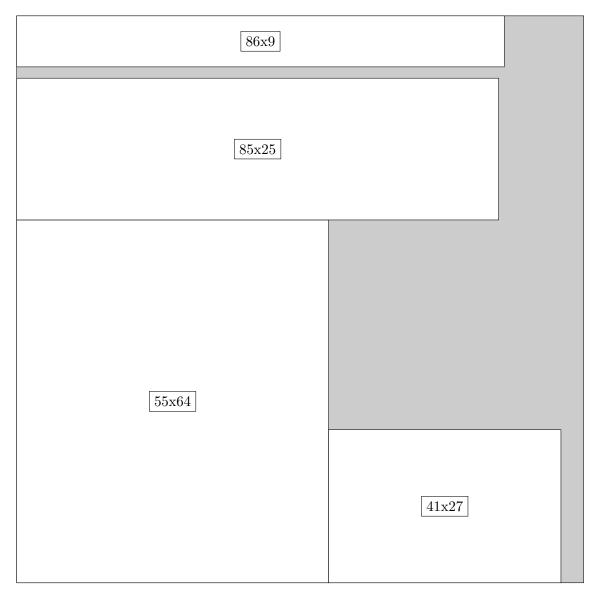
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.060 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.063 \ s} \\ {\rm TotalTime:} \ \underline{0.185 \ s} \\ \end{array}$



$$w = 73$$
, $h = 90$, $x = 0$, $y = 0$, $v = 6570$

$$\le =23$$
 , h =40 , x =73 , y =10 , v =920

$$\le =26$$
 , h =10 , x =73 , y =0 , v =260

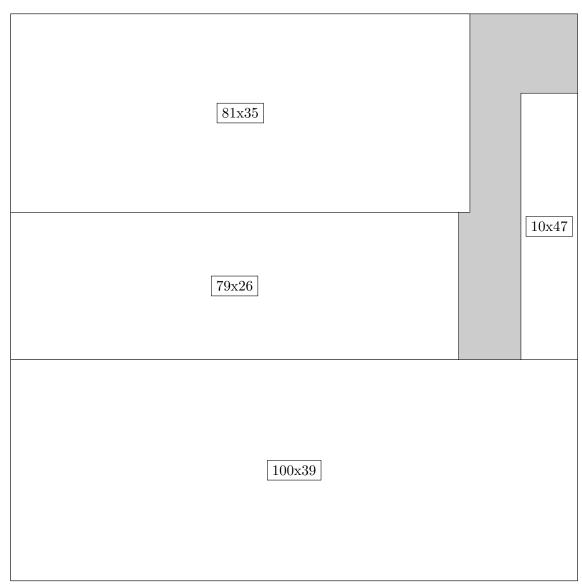


$$w = 55$$
, $h = 64$, $x = 0$, $y = 0$, $v = 3520$

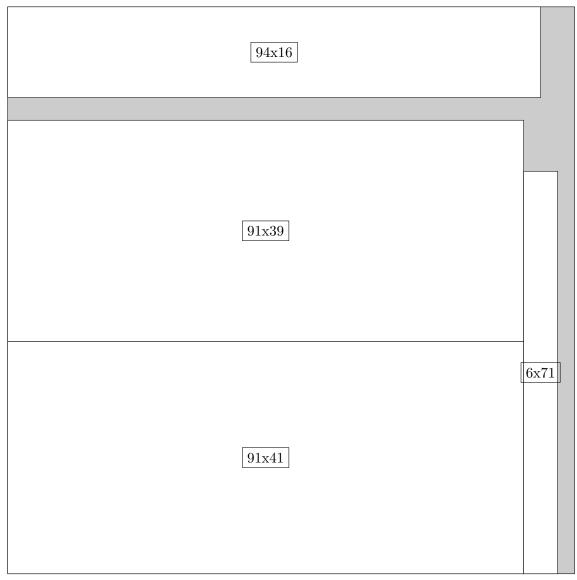
$$\le =85$$
 , h =25 , x =0 , y =64 , v =2125

$$\le =41$$
 , h =27 , x =55 , y =0 , v =1107

$$w$$
 =86 , h =9 , x =0 , y =91 , v =774



 $\begin{array}{l} w = 79 \ , \ h = 26 \ , \ x = 0 \ , \ y = 39 \ , \ v = 2054 \\ w = 100 \ , \ h = 39 \ , \ x = 0 \ , \ y = 0 \ , \ v = 3900 \\ w = 81 \ , \ h = 35 \ , \ x = 0 \ , \ y = 65 \ , \ v = 2835 \\ w = 10 \ , \ h = 47 \ , \ x = 90 \ , \ y = 39 \ , \ v = 470 \end{array}$

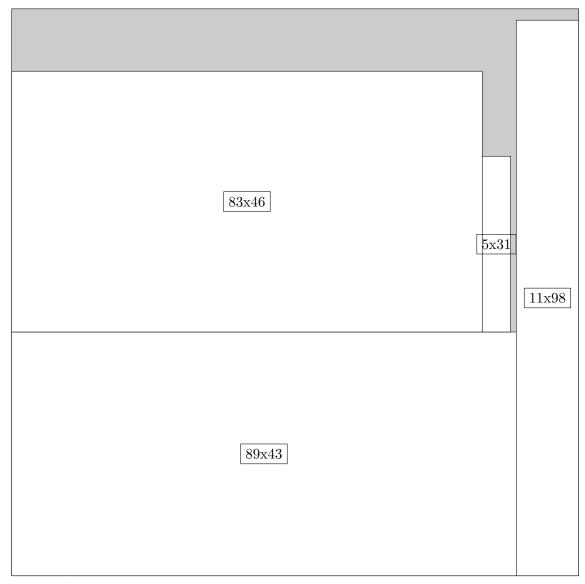


$$\le =91$$
 , $h=41$, $x=0$, $y=0$, $v=3731$

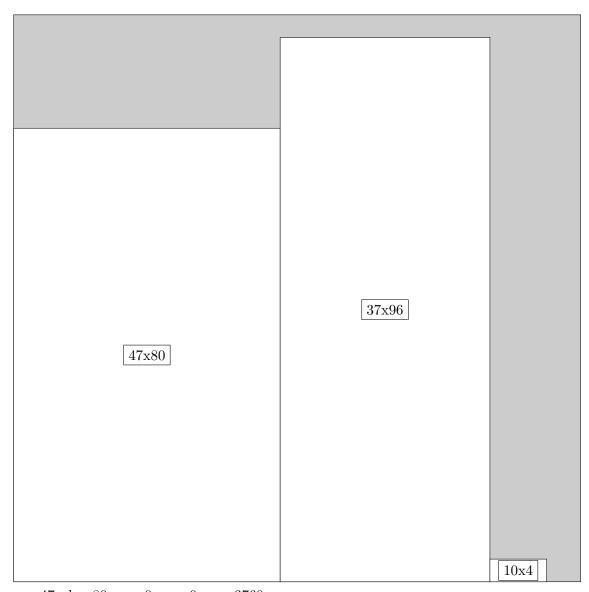
$$\le =91$$
 , h =39 , x =0 , y =41 , v =3549

$$\le =94$$
 , h =16 , x =0 , y =84 , v =1504

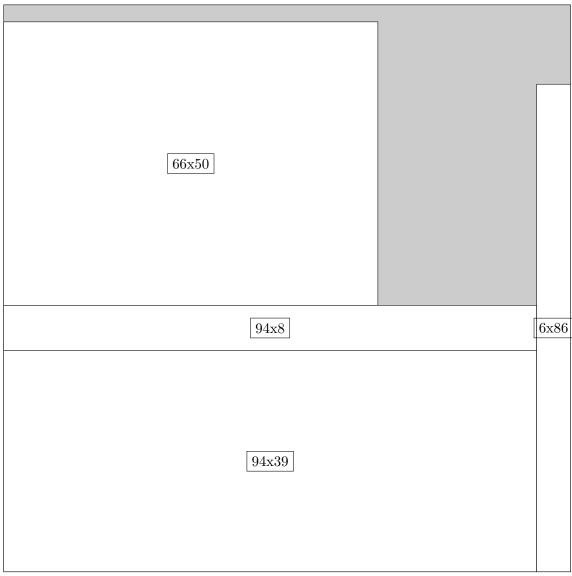
$$\mathbf{w}$$
 =6 , h =71 , x =91 , y =0 , v =426



 $\begin{array}{l} w = \! 89 \ , \ h = \! 43 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3827 \\ w = \! 83 \ , \ h = \! 46 \ , \ x = \! 0 \ , \ y = \! 43 \ , \ v = \! 3818 \\ w = \! 11 \ , \ h = \! 98 \ , \ x = \! 89 \ , \ y = \! 0 \ , \ v = \! 1078 \\ w = \! 5 \ , \ h = \! 31 \ , \ x = \! 83 \ , \ y = \! 43 \ , \ v = \! 155 \end{array}$



 $\begin{array}{l} w = \!\! 47 \ , \ h = \!\! 80 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3760 \\ w = \!\! 37 \ , \ h = \!\! 96 \ , \ x = \!\! 47 \ , \ y = \!\! 0 \ , \ v = \!\! 3552 \\ w = \!\! 10 \ , \ h = \!\! 4 \ , \ x = \!\! 84 \ , \ y = \!\! 0 \ , \ v = \!\! 40 \end{array}$

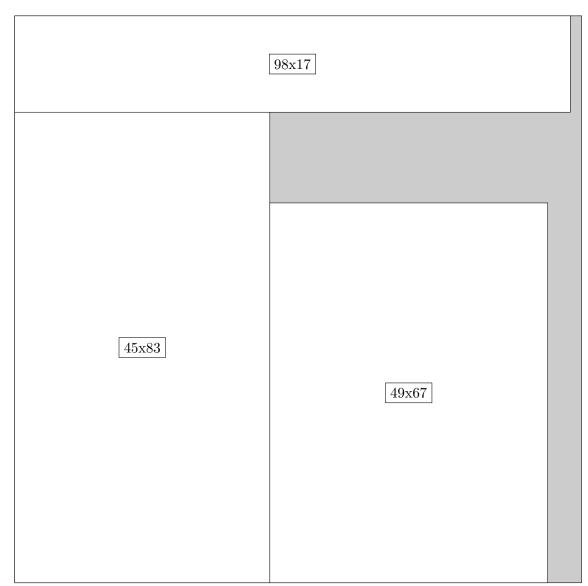


$$\le =94$$
 , h =39 , x =0 , y =0 , v =3666

$$\le =66$$
 , $h=\!50$, $x=\!0$, $y=\!47$, $v=\!3300$

$$\le =94$$
 , h =8 , x =0 , y =39 , v =752

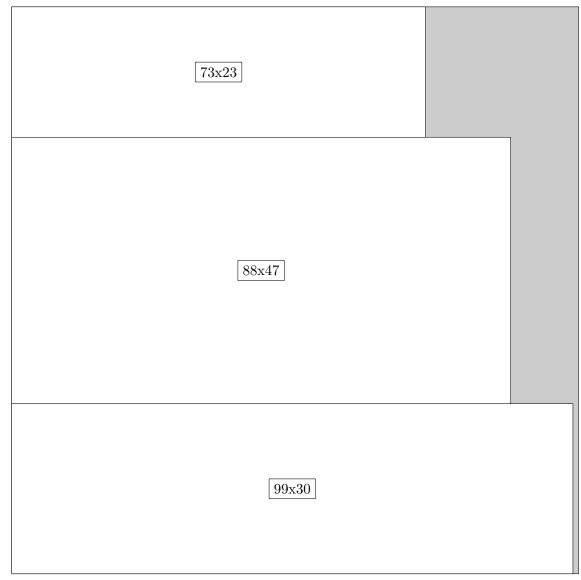
$$\mathbf{w}$$
 =6 , h =86 , x =94 , y =0 , v =516



$$\le =45$$
 , h =83 , x =0 , y =0 , v =3735

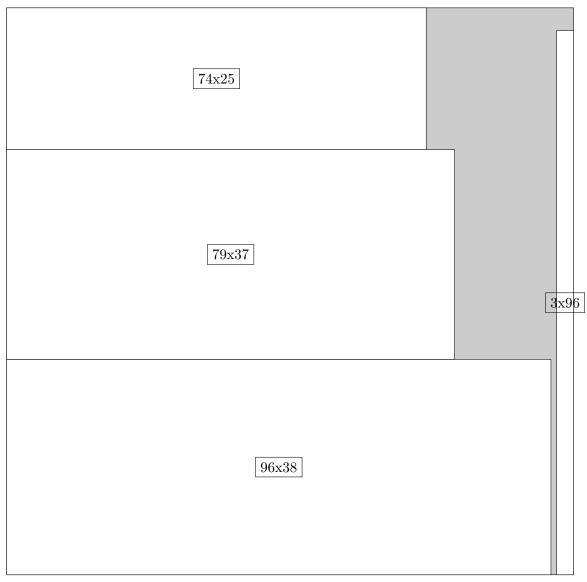
$$\le =49$$
 , $h=\!67$, $x=\!45$, $y=\!0$, $v=\!3283$

$$\le =98$$
 , h =17 , x =0 , y =83 , v =1666



$$\begin{array}{l} w = 99 \ , \ h = \!\! 30 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 2970 \\ w = \!\! 88 \ , \ h = \!\! 47 \ , \ x = \!\! 0 \ , \ y = \!\! 30 \ , \ v = \!\! 4136 \end{array}$$

$$\le =73$$
 , h =23 , x =0 , y =77 , v =1679

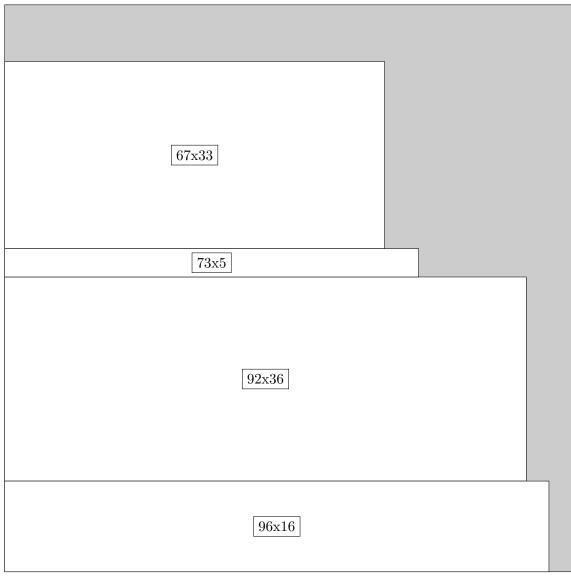


$$w = 96$$
, $h = 38$, $x = 0$, $y = 0$, $v = 3648$

$$\le =79$$
 , h =37 , x =0 , y =38 , v =2923

$$\le =74$$
 , h =25 , x =0 , y =75 , v =1850

$$\mathbf{w}$$
 =3 , h =96 , x =97 , y =0 , v =288



$$\le =92$$
 , h =36 , x =0 , y =16 , v =3312

$$\le =96$$
 , h =16 , x =0 , y =0 , v =1536

$$\le =67$$
 , h =33 , x =0 , y =57 , v =2211

$$\le -73$$
 , h =5 , x =0 , y =52 , v =365