$ClassName: \ Class_08.2bp-11$

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>130000</u> InS: <u>106455</u> Rate: <u>0.819</u> UB: <u>13</u> LB0: <u>13</u>

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

LB: **13**

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

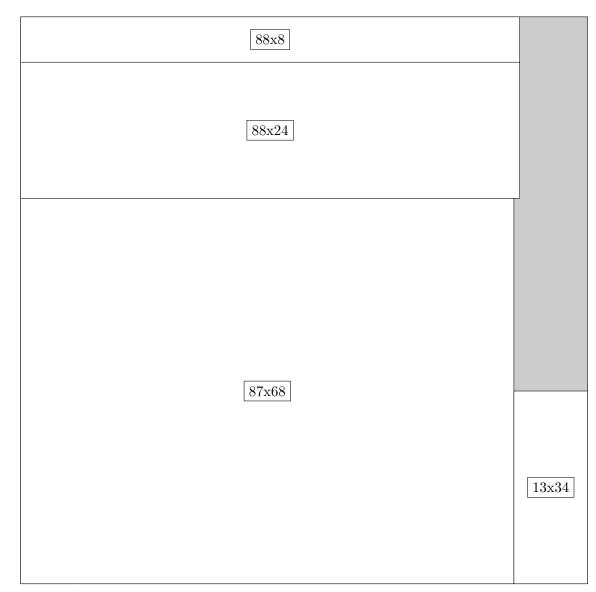
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{13}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.200 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.062 \ s} \\ {\rm TotalTime:} \ \underline{0.325 \ s} \\ \end{array}$



 $\le =89$, h =95 , x =0 , y =0 , v = 8455

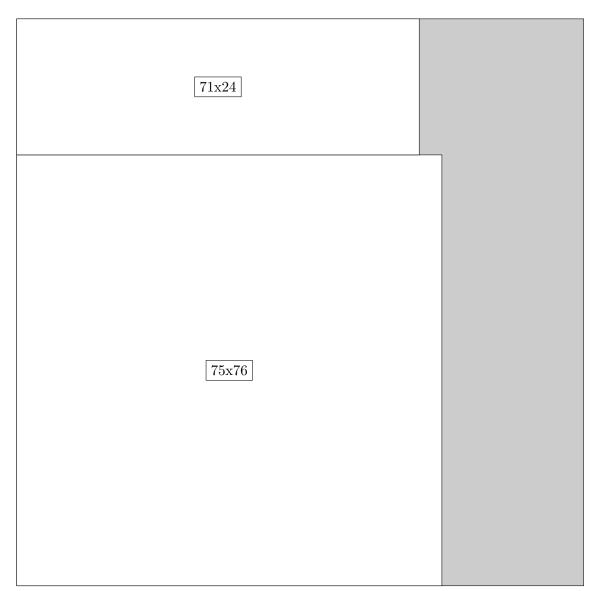


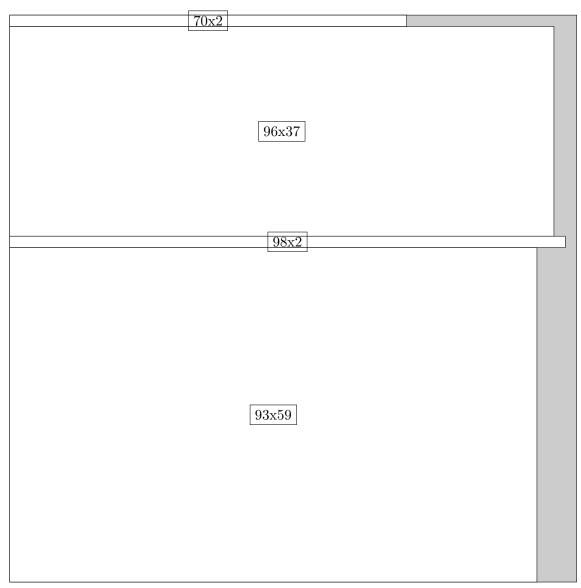
$$\le =87$$
 , h =68 , x =0 , y =0 , v =5916

$$\le =88$$
 , h =24 , x =0 , y =68 , v =2112

$$\le =88$$
 , h =8 , x =0 , y =92 , v =704

$$\mathbf{w}$$
 =13 , h =34 , x =87 , y =0 , v =442



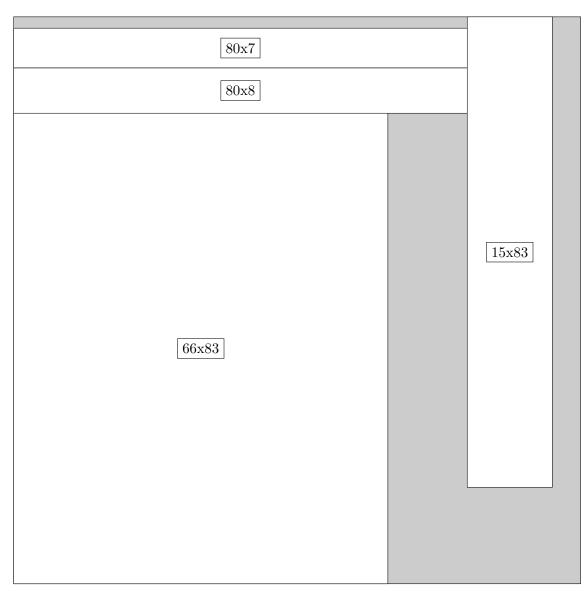


$$\le =93$$
 , h =59 , x =0 , y =0 , v =
5487

$$\le =96$$
 , $h=37$, $x=0$, $y=61$, $v=3552$

$$\le =98$$
 , h =2 , x =0 , y =59 , v =196

$$w$$
 =70 , h =2 , x =0 , y =98 , v =140

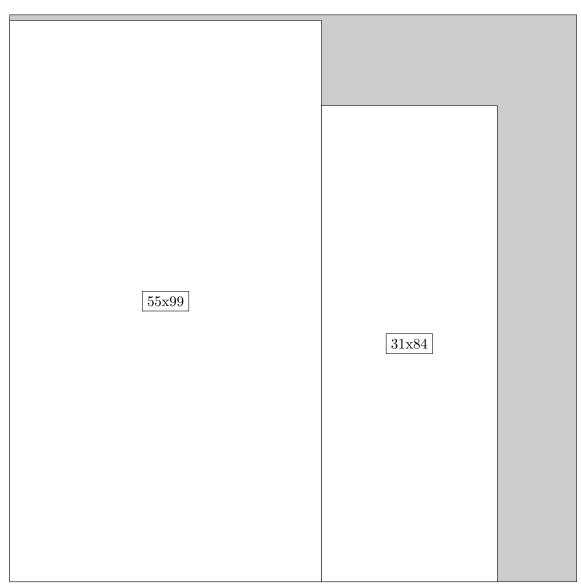


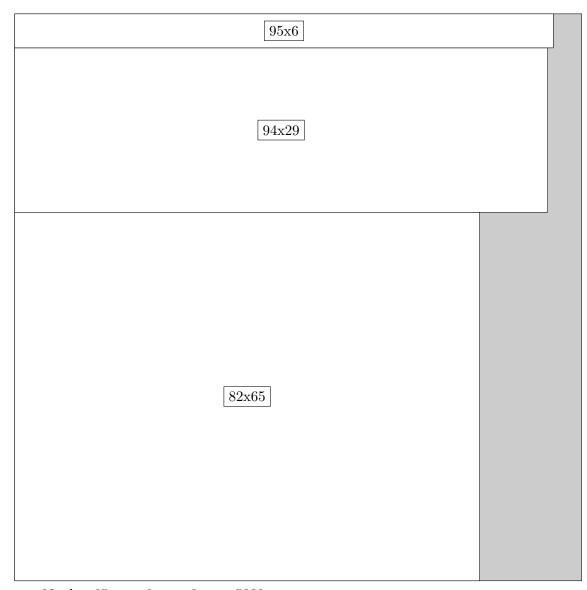
$$\mathbf{w}$$
 =66 , h =83 , x =0 , y =0 , v =5478

$$w$$
 =15 , h =83 , x =80 , y =17 , v =1245

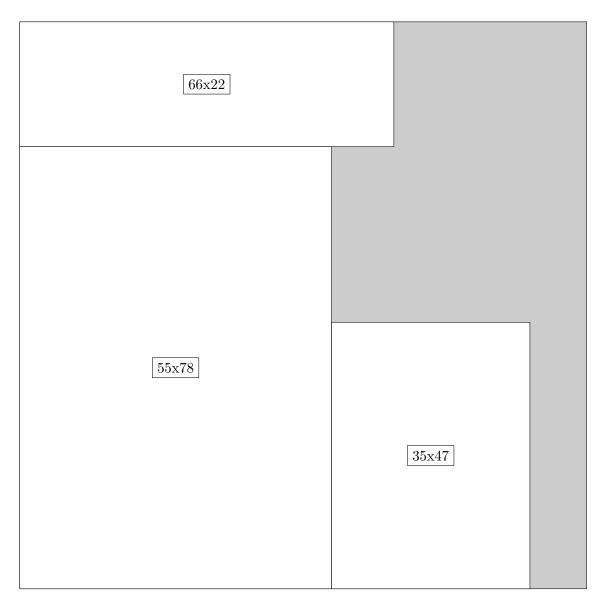
$$\le =80$$
 , h =8 , x =0 , y =83 , v =640

$$w$$
 =80 , h =7 , x =0 , y =91 , v =560





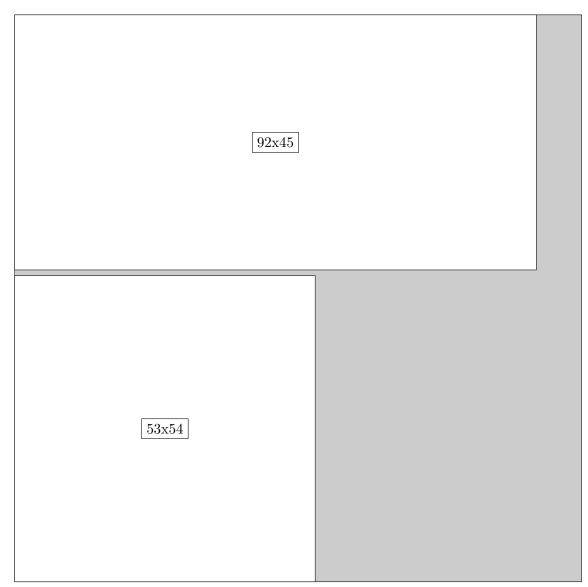
$$\begin{array}{l} w = \! 82 \ , \ h = \! 65 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5330 \\ w = \! 94 \ , \ h = \! 29 \ , \ x = \! 0 \ , \ y = \! 65 \ , \ v = \! 2726 \\ w = \! 95 \ , \ h = \! 6 \ , \ x = \! 0 \ , \ y = \! 94 \ , \ v = \! 570 \end{array}$$



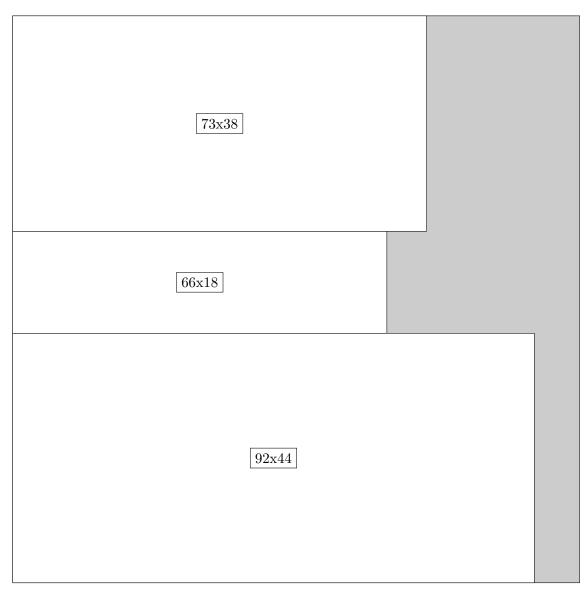
$$\le -55$$
 , h =
78 , x =
0 , y =
0 , v =
4290

$$\le =66$$
 , h =22 , x =0 , y =78 , v =1452

$$\le =35$$
 , h =47 , x =55 , y =0 , v =
1645



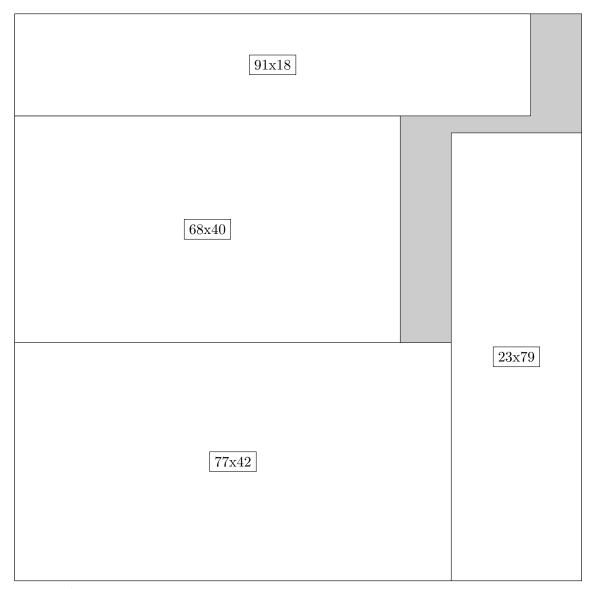
$$\begin{array}{l} w = \! 92 \ , \ h = \! 45 \ , \ x = \! 0 \ , \ y = \! 55 \ , \ v = \! 4140 \\ w = \! 53 \ , \ h = \! 54 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2862 \end{array}$$



$$w = 66$$
, $h = 18$, $x = 0$, $y = 44$, $v = 1188$

$$\le =92$$
 , h =44 , x =0 , y =0 , v =4048

$$\le =73$$
 , h =38 , x =0 , y =62 , v =2774

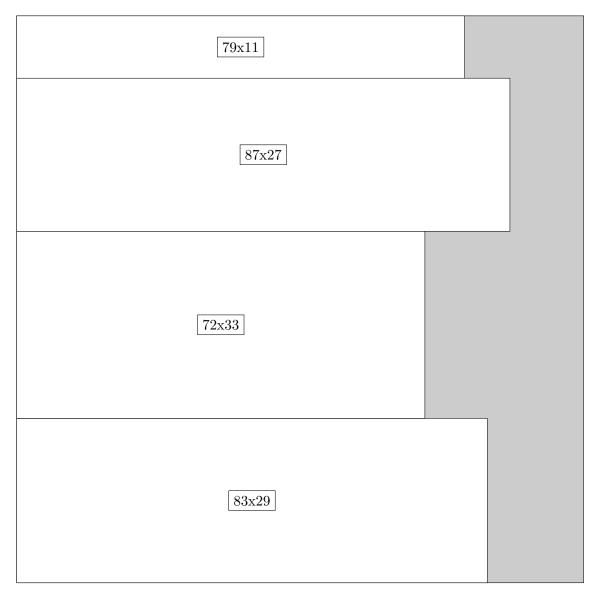


$$\mathbf{w}$$
 =77 , h =42 , x =0 , y =0 , v =3234

$$\le =68$$
 , h =40 , x =0 , y =42 , v =2720

$$\le =23$$
 , h =79 , x =77 , y =0 , v =1817

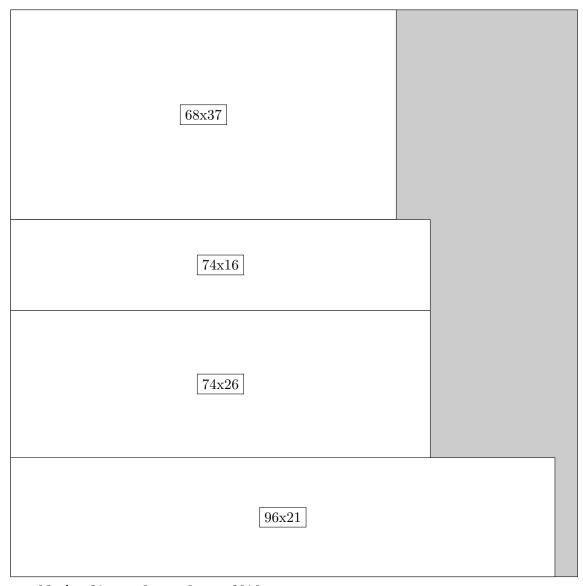
$$\le =91$$
 , h =18 , x =0 , y =82 , v =1638



$$\begin{array}{l} w = \! 83 \ , \ h = \! 29 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2407 \\ w = \! 72 \ , \ h = \! 33 \ , \ x = \! 0 \ , \ y = \! 29 \ , \ v = \! 2376 \end{array}$$

$$\le =87$$
 , h =27 , x =0 , y =62 , v =2349

$$\le =79$$
 , h =11 , x =0 , y =89 , v =869



$$\le =96$$
 , h =21 , x =0 , y =0 , v =2016

$$\le =74$$
 , h =26 , x =0 , y =21 , v =1924

$$\le =68$$
 , h =37 , x =0 , y =63 , v =2516

$$\mathbf{w}$$
 =74 , h =16 , x =0 , y =47 , v =1184