$ClassName: \ Class\_05.2bp-4$ 

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

TypeNum:  $\underline{20}$ Num:  $\underline{20}$ OutS:  $\underline{50000}$ InS:  $\underline{43609}$ Rate:  $\underline{0.872}$ 

UB: <u>5</u> LB0: <u>5</u> LB: <u>5</u>

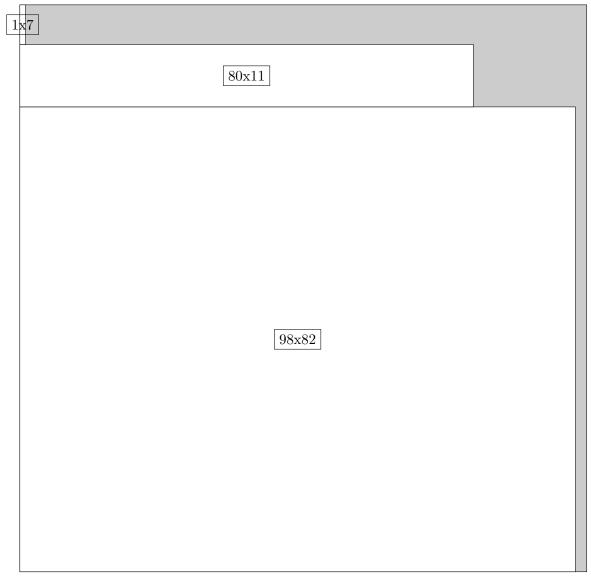
LBWithCut:  $\underline{\mathbf{5}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

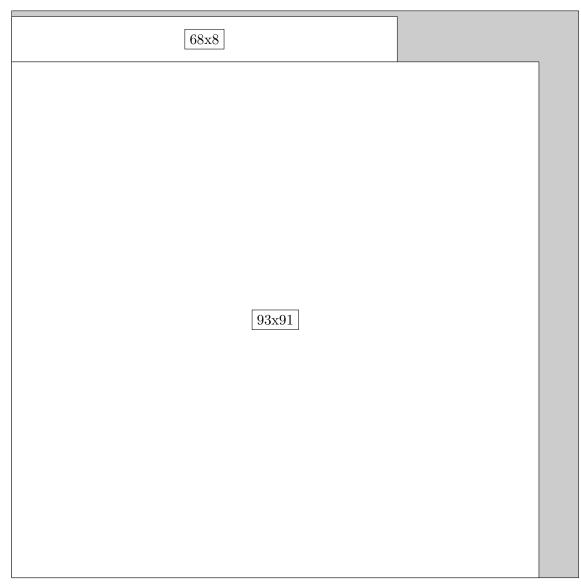
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{5}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

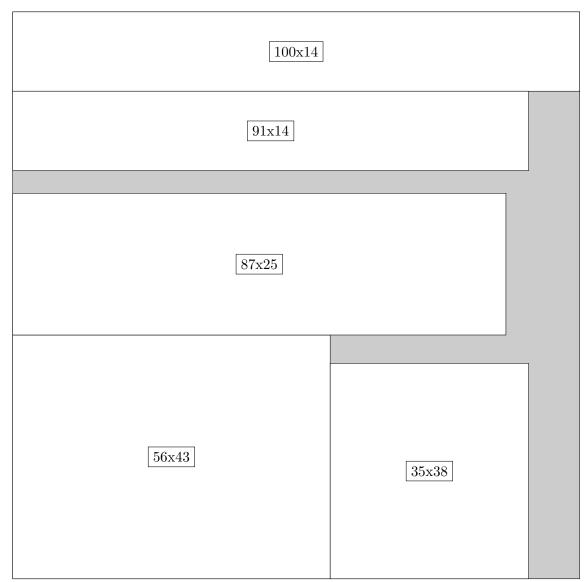
isOpt:  $\underline{\mathbf{true}}$ 

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.090 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.063 \ s} \\ {\rm TotalTime:} \ \underline{0.218 \ s} \\ \end{array}$ 

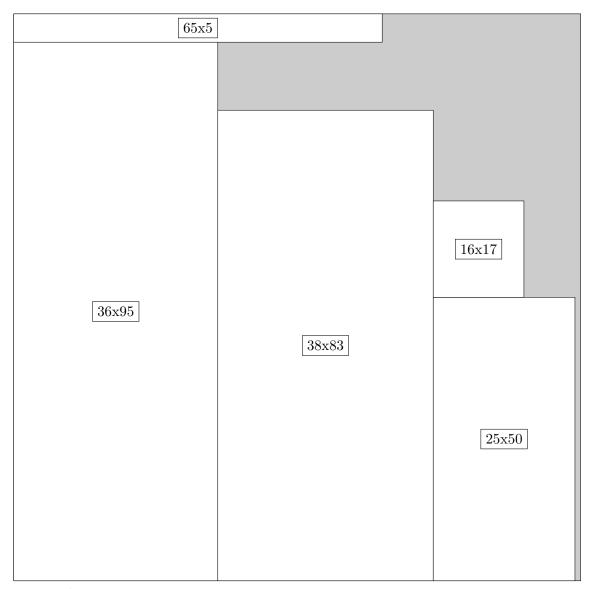


$$\begin{array}{l} w = \! 98 \ , \ h = \! 82 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 8036 \\ w = \! 80 \ , \ h = \! 11 \ , \ x = \! 0 \ , \ y = \! 82 \ , \ v = \! 880 \\ w = \! 1 \ , \ h = \! 7 \ , \ x = \! 0 \ , \ y = \! 93 \ , \ v = \! 7 \end{array}$$





$$\begin{array}{l} w=\!56\;,\; h=\!43\;,\; x=\!0\;,\; y=\!0\;,\; v=\!2408\\ w=\!87\;,\; h=\!25\;,\; x=\!0\;,\; y=\!43\;,\; v=\!2175\\ w=\!100\;,\; h=\!14\;,\; x=\!0\;,\; y=\!86\;,\; v=\!1400\\ w=\!35\;,\; h=\!38\;,\; x=\!56\;,\; y=\!0\;,\; v=\!1330\\ w=\!91\;,\; h=\!14\;,\; x=\!0\;,\; y=\!72\;,\; v=\!1274 \end{array}$$



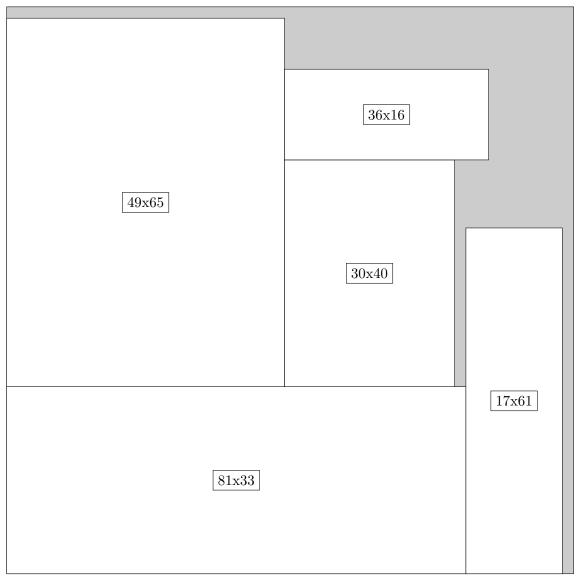
$$\le =36$$
 , h =95 , x =0 , y =0 , v =3420

$$\le =38$$
 , h =83 , x =36 , y =0 , v =3154

$$\le =25$$
 , h =50 , x =74 , y =0 , v =1250

$$w$$
 =16 ,  $h$  =17 ,  $x$  =74 ,  $y$  =50 ,  $v$  =272

$$w = 65$$
,  $h = 5$ ,  $x = 0$ ,  $y = 95$ ,  $v = 325$ 



$$w = 81$$
,  $h = 33$ ,  $x = 0$ ,  $y = 0$ ,  $v = 2673$ 

$$\le =49$$
 , h =65 , x =0 , y =33 , v =3185

$$\le =30$$
 , h =40 , x =49 , y =33 , v =1200

$$\mathbf{w}$$
 =17 , h =61 , x =81 , y =0 , v =1037

$$\le =36$$
 ,  $h$  =16 ,  $x$  =49 ,  $y$  =73 ,  $v$  =576