$ClassName: \ Class_10.2bp-10$

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

TypeNum: $\underline{40}$ Num: $\underline{40}$ OutS: $\underline{80000}$ InS: $\underline{70283}$ Rate: $\underline{0.879}$

UB: <u>8</u> LB0: <u>8</u> LB: 8

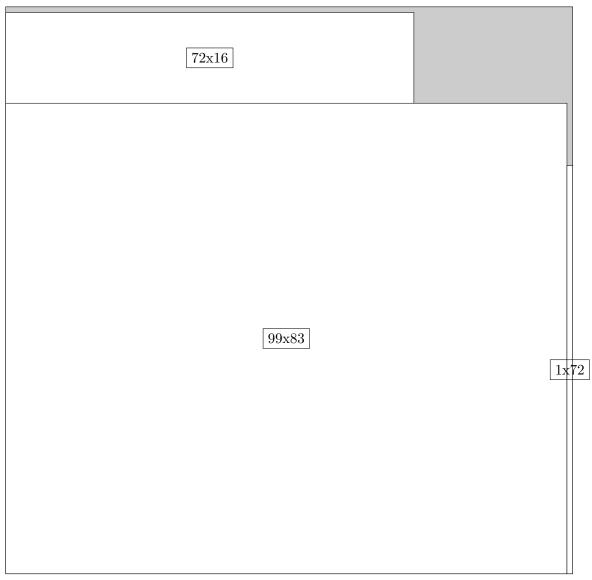
LBWithCut: $\underline{\mathbf{8}}$ NodeCut: $\underline{\mathbf{0}}$

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

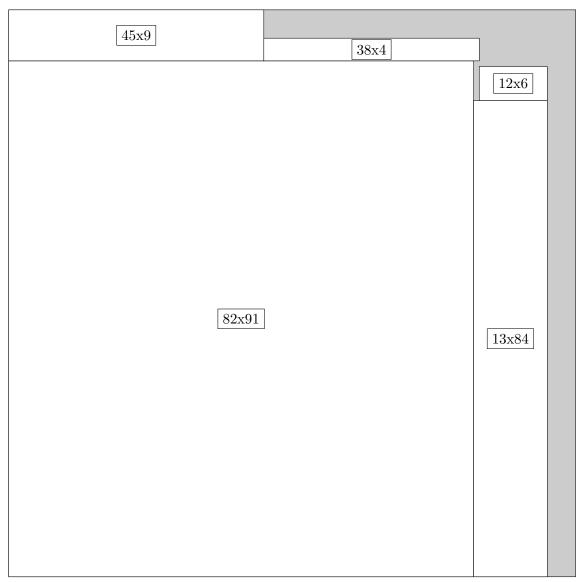
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{8}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.030 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.064 \ s} \\ {\rm TotalTime:} \ \underline{0.152 \ s} \\ \end{array}$



$$\begin{array}{l} w = 99 \ , \ h = 83 \ , \ x = 0 \ , \ y = 0 \ , \ v = 8217 \\ w = 72 \ , \ h = 16 \ , \ x = 0 \ , \ y = 83 \ , \ v = 1152 \\ w = 1 \ , \ h = 72 \ , \ x = 99 \ , \ y = 0 \ , \ v = 72 \end{array}$$



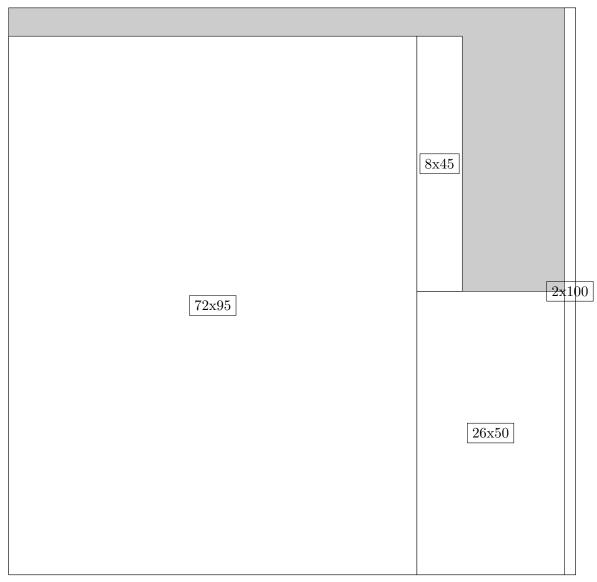
$$w = 82$$
, $h = 91$, $x = 0$, $y = 0$, $v = 7462$

$$\le =13$$
 , h =84 , x =82 , y =0 , v =1092

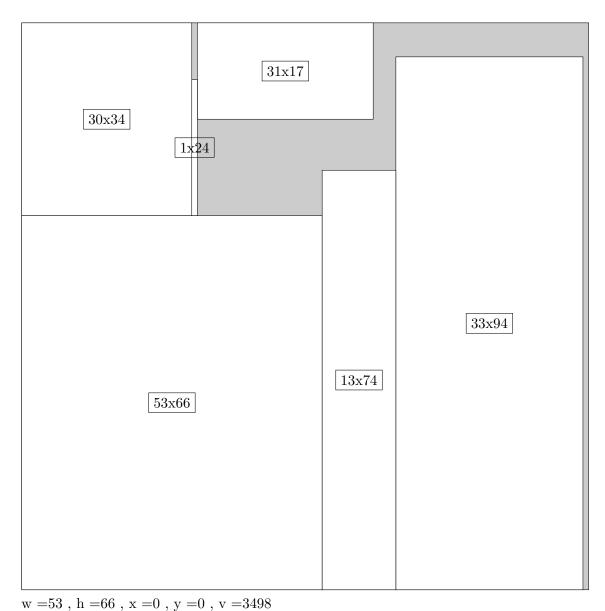
$$\mathbf{w}$$
 =45 , h =9 , x =0 , y =91 , v =405

$$\le =38$$
 , h =4 , x =45 , y =91 , v =152

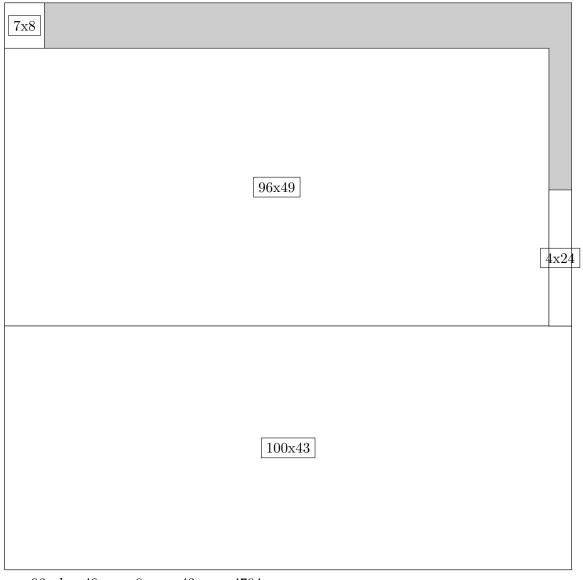
$$\le =12$$
 , h =6 , x =83 , y =84 , v =72



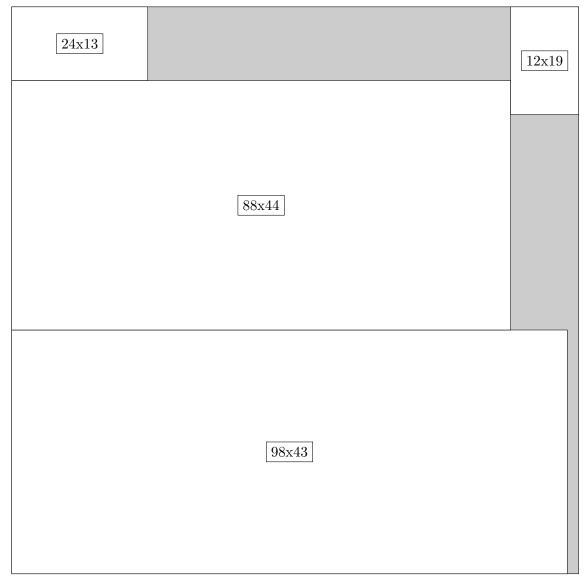
 $\begin{array}{l} w = 72 \ , \ h = 95 \ , \ x = 0 \ , \ y = 0 \ , \ v = 6840 \\ w = 26 \ , \ h = 50 \ , \ x = 72 \ , \ y = 0 \ , \ v = 1300 \\ w = 8 \ , \ h = 45 \ , \ x = 72 \ , \ y = 50 \ , \ v = 360 \\ w = 2 \ , \ h = 100 \ , \ x = 98 \ , \ y = 0 \ , \ v = 200 \end{array}$



$$\begin{array}{l} w = \! 31 \ , \ h = \! 17 \ , \ x = \! 31 \ , \ y = \! 83 \ , \ v = \! 527 \\ w = \! 1 \ , \ h = \! 24 \ , \ x = \! 30 \ , \ y = \! 66 \ , \ v = \! 24 \\ \end{array}$$



 $\begin{array}{l} w = \! 96 \ , \ h = \! 49 \ , \ x = \! 0 \ , \ y = \! 43 \ , \ v = \! 4704 \\ w = \! 100 \ , \ h = \! 43 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4300 \\ w = \! 4 \ , \ h = \! 24 \ , \ x = \! 96 \ , \ y = \! 43 \ , \ v = \! 96 \\ w = \! 7 \ , \ h = \! 8 \ , \ x = \! 0 \ , \ y = \! 92 \ , \ v = \! 56 \end{array}$

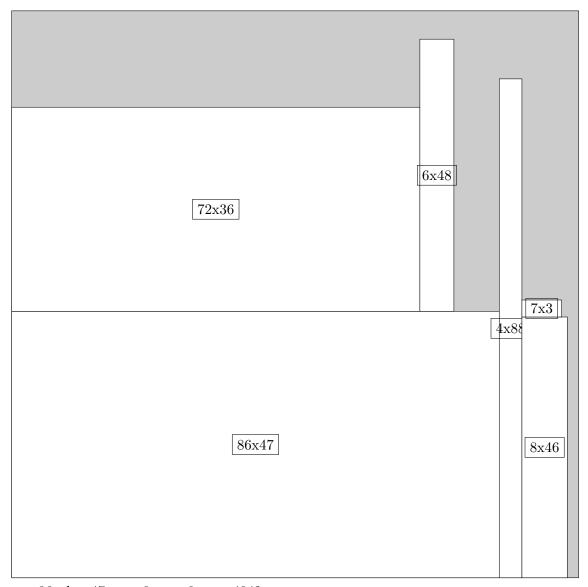


$$\le =98$$
 , h =43 , x =0 , y =0 , v =4214

$$\le =88$$
 , h =44 , x =0 , y =43 , v =3872

$$\le =24$$
 , h =13 , x =0 , y =87 , v =312

$$\le =12$$
 , $h=19$, $x=88$, $y=81$, $v=228$



$$\begin{array}{l} w = \!\! 86 \ , \ h = \!\! 47 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4042 \\ w = \!\! 72 \ , \ h = \!\! 36 \ , \ x = \!\! 0 \ , \ y = \!\! 47 \ , \ v = \!\! 2592 \end{array}$$

$$w = 4$$
, $h = 88$, $x = 86$, $y = 0$, $v = 352$

$$w = 8$$
, $h = 46$, $x = 90$, $y = 0$, $v = 368$

$$w$$
 =7 , h =3 , x =90 , y =46 , v =21

