${\bf ClassName:}\ {\bf Class_10.2bp\text{-}12}$

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

TypeNum: $\underline{40}$ Num: $\underline{40}$ OutS: $\underline{90000}$ InS: $\underline{79645}$ Rate: $\underline{0.885}$

UB: **9** LB0: **9** LB: **9**

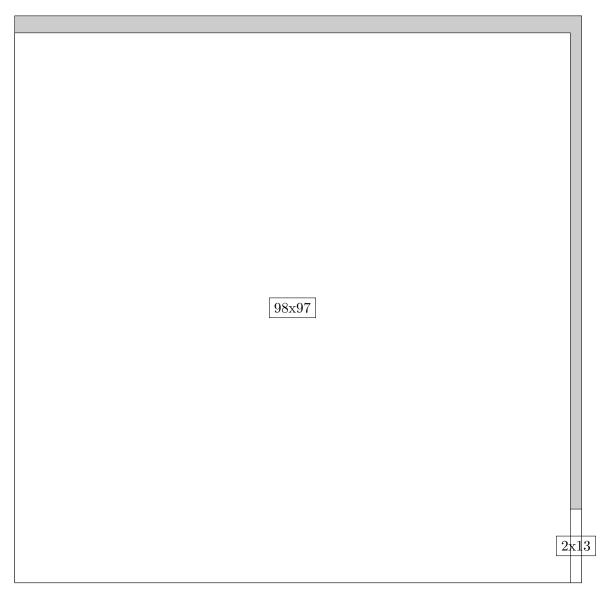
LBWithCut: $\underline{\mathbf{9}}$ NodeCut: $\underline{\mathbf{0}}$

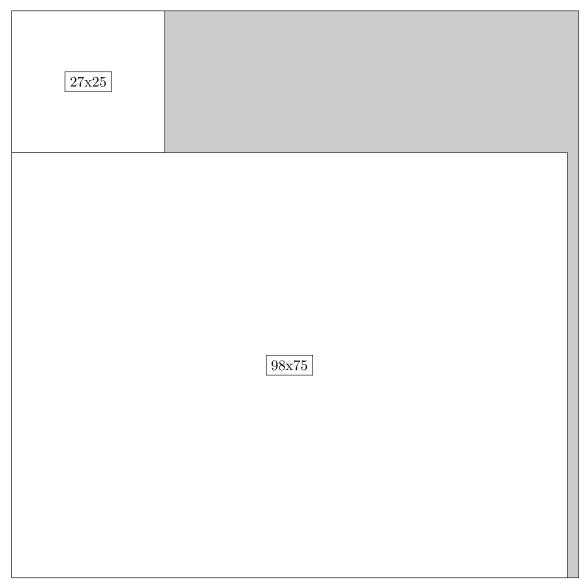
ExtendedNodeCnt: $\underline{\mathbf{1}}$

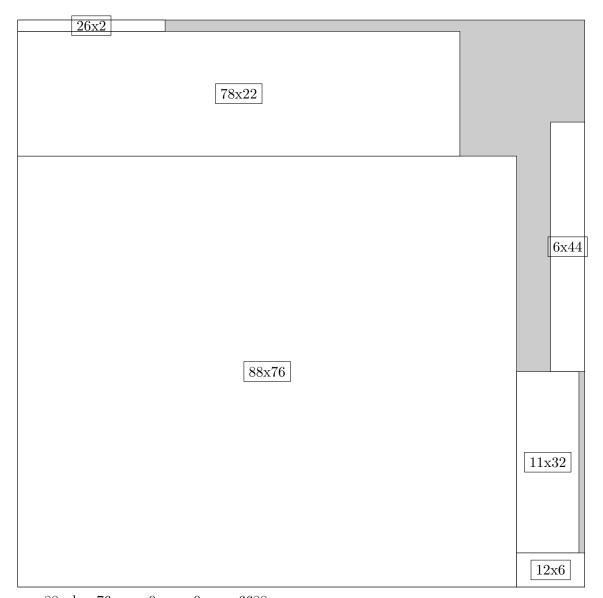
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{9}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: **true**

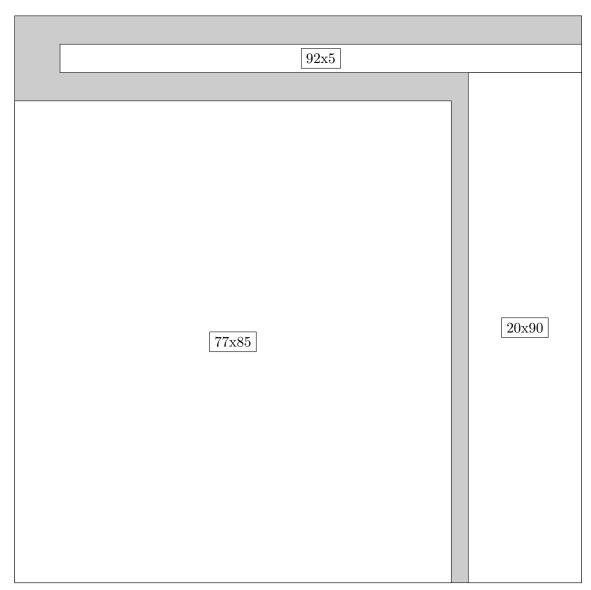
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.030 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.079 \ s} \\ {\rm TotalTime:} \ \underline{0.155 \ s} \end{array}$







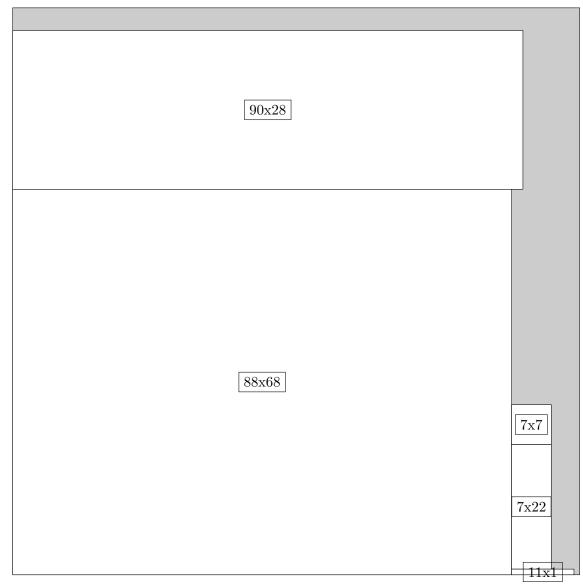
$$\begin{array}{l} w = 88 \; , \; h = 76 \; , \; x = 0 \; , \; y = 0 \; , \; v = 6688 \\ w = 78 \; , \; h = 22 \; , \; x = 0 \; , \; y = 76 \; , \; v = 1716 \\ w = 11 \; , \; h = 32 \; , \; x = 88 \; , \; y = 6 \; , \; v = 352 \\ w = 6 \; , \; h = 44 \; , \; x = 94 \; , \; y = 38 \; , \; v = 264 \\ w = 12 \; , \; h = 6 \; , \; x = 88 \; , \; y = 0 \; , \; v = 72 \\ w = 26 \; , \; h = 2 \; , \; x = 0 \; , \; y = 98 \; , \; v = 52 \end{array}$$



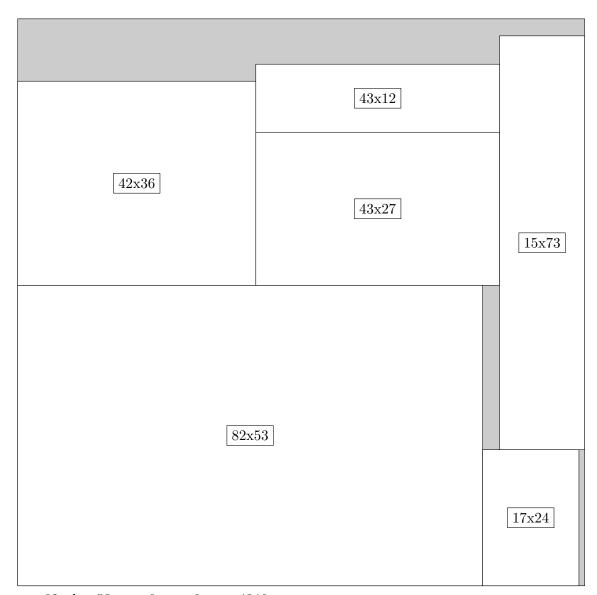
$$w$$
 =77 , h =85 , x =0 , y =0 , v =6545

$$\le =20$$
 , h =90 , x =80 , y =0 , v =1800

$$w = 92$$
 , $h = 5$, $x = 8$, $y = 90$, $v = 460$



$$\begin{array}{l} w = \! 88 \;,\; h = \! 68 \;,\; x = \! 0 \;,\; y = \! 0 \;,\; v = \! 5984 \\ w = \! 90 \;,\; h = \! 28 \;,\; x = \! 0 \;,\; y = \! 68 \;,\; v = \! 2520 \\ w = \! 7 \;,\; h = \! 22 \;,\; x = \! 88 \;,\; y = \! 1 \;,\; v = \! 154 \\ w = \! 7 \;,\; h = \! 7 \;,\; x = \! 88 \;,\; y = \! 23 \;,\; v = \! 49 \\ w = \! 11 \;,\; h = \! 1 \;,\; x = \! 88 \;,\; y = \! 0 \;,\; v = \! 11 \end{array}$$



$$\le =82$$
 , h =53 , x =0 , y =0 , v =4346

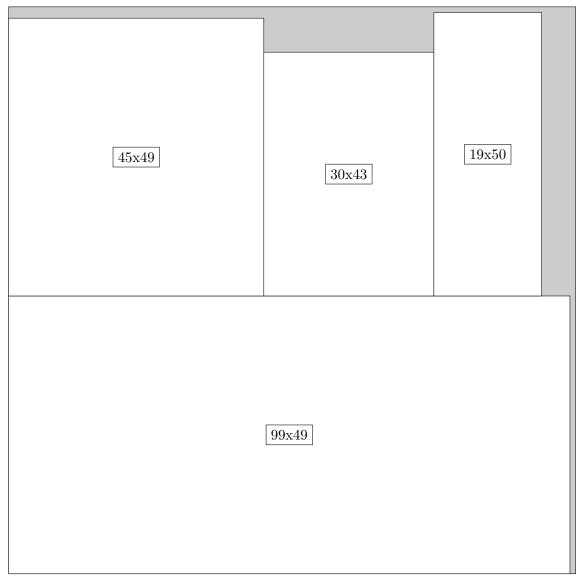
$$\mathbf{w}=\!\!42$$
 , $\mathbf{h}=\!\!36$, $\mathbf{x}=\!\!0$, $\mathbf{y}=\!\!53$, $\mathbf{v}=\!\!1512$

$$\le =43$$
 , h =27 , x =42 , y =53 , v =1161

$$\le =15$$
 , h =73 , x =85 , y =24 , v =1095

$$\le =43$$
 , h =12 , x =42 , y =80 , v =516

$$\le =17$$
 , $h=24$, $x=82$, $y=0$, $v=408$

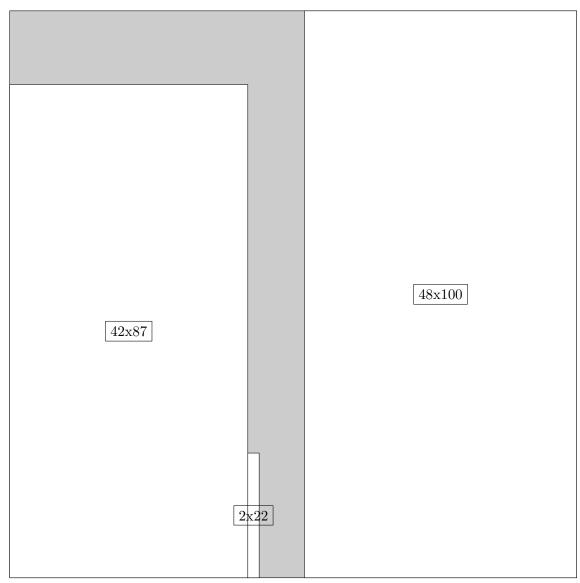


$$\le =99$$
 , h =49 , x =0 , y =0 , v =4851

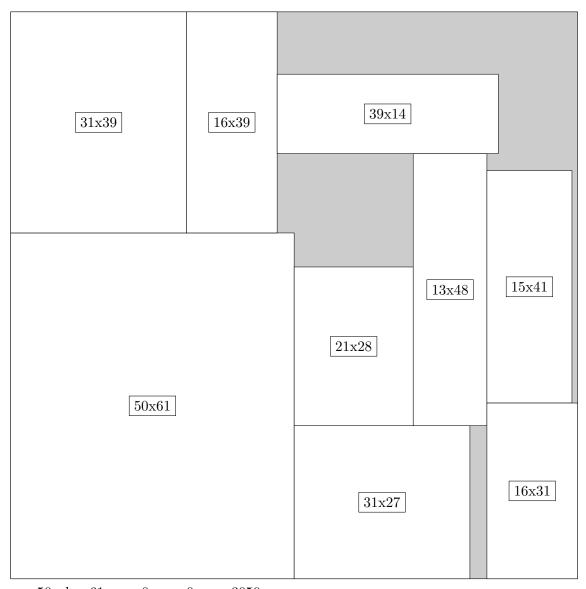
$$\le =45$$
 , h =49 , x =0 , y =49 , v =2205

$$\le =30$$
 , h =43 , x =45 , y =49 , v =1290

$$w$$
 =19 , h =50 , x =75 , y =49 , v =950



 $\begin{array}{l} w = \! 48 \; , \; h = \! 100 \; , \; x = \! 52 \; , \; y = \! 0 \; , \; v = \! 4800 \\ w = \! 42 \; , \; h = \! 87 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 3654 \\ w = \! 2 \; , \; h = \! 22 \; , \; x = \! 42 \; , \; y = \! 0 \; , \; v = \! 44 \end{array}$



$$\begin{array}{l} w=50 \ , \ h=61 \ , \ x=0 \ , \ y=0 \ , \ v=3050 \\ w=31 \ , \ h=39 \ , \ x=0 \ , \ y=61 \ , \ v=1209 \\ w=31 \ , \ h=27 \ , \ x=50 \ , \ y=0 \ , \ v=837 \\ w=21 \ , \ h=28 \ , \ x=50 \ , \ y=27 \ , \ v=588 \\ w=13 \ , \ h=48 \ , \ x=71 \ , \ y=27 \ , \ v=624 \\ w=15 \ , \ h=41 \ , \ x=84 \ , \ y=31 \ , \ v=615 \\ w=16 \ , \ h=39 \ , \ x=31 \ , \ y=61 \ , \ v=624 \\ w=39 \ , \ h=14 \ , \ x=47 \ , \ y=75 \ , \ v=546 \\ w=16 \ , \ h=31 \ , \ x=84 \ , \ y=0 \ , \ v=496 \\ \end{array}$$