$ClassName: \ Class_10.2bp-11$

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

TypeNum: $\underline{40}$ Num: $\underline{40}$ OutS: $\underline{80000}$ InS: $\underline{66055}$ Rate: $\underline{0.826}$

UB: <u>8</u> LB0: <u>7</u> LB: 8

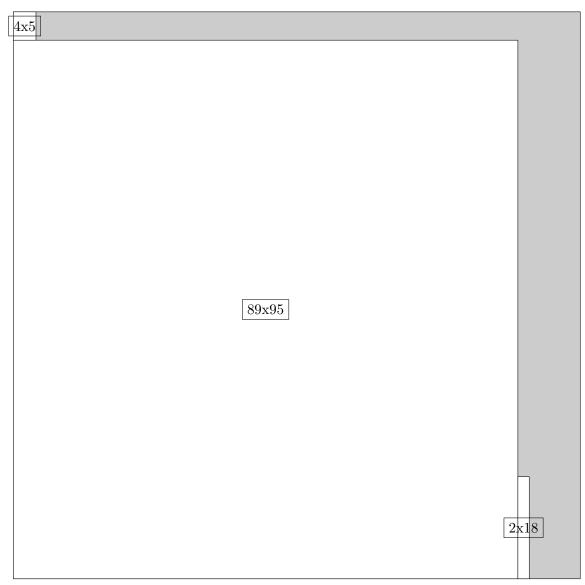
LBWithCut: $\underline{\mathbf{8}}$ NodeCut: $\underline{\mathbf{0}}$

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

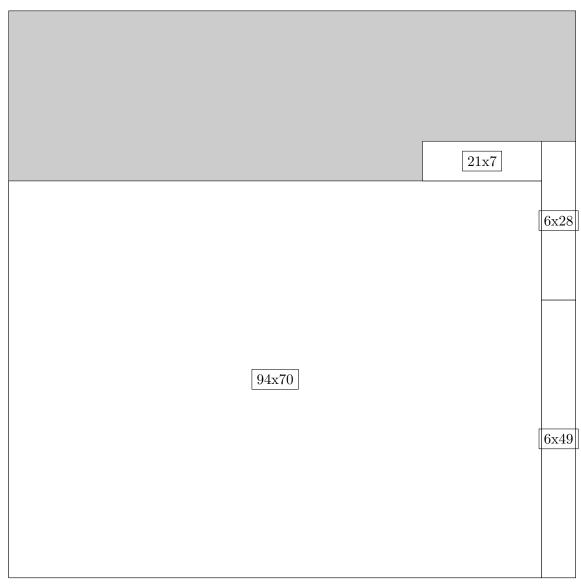
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{132}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{125}}$ PricingSolverCnt: $\underline{\mathbf{125}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

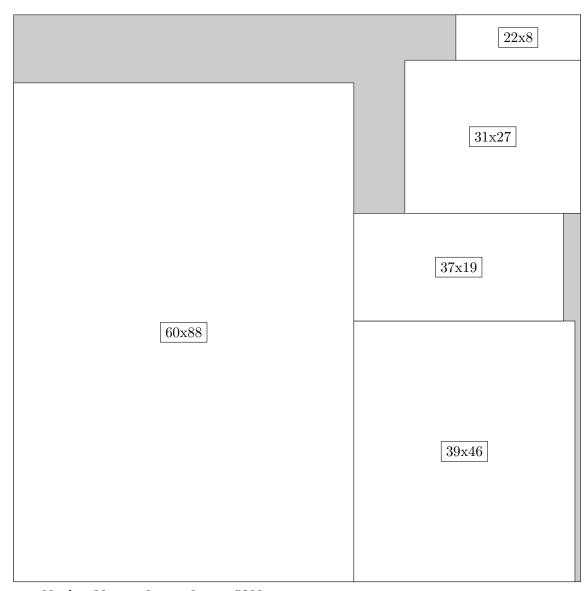
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.010 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{478.512 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.120 \ s} \\ {\rm TotalTime:} \ \underline{478.818 \ s} \end{array}$



$$\begin{array}{l} w = \! 89 \;,\; h = \! 95 \;,\; x = \! 0 \;,\; y = \! 0 \;,\; v = \! 8455 \\ w = \! 2 \;,\; h = \! 18 \;,\; x = \! 89 \;,\; y = \! 0 \;,\; v = \! 36 \\ w = \! 4 \;,\; h = \! 5 \;,\; x = \! 0 \;,\; y = \! 95 \;,\; v = \! 20 \end{array}$$



 $\begin{array}{l} w = 94 \ , \ h = 70 \ , \ x = 0 \ , \ y = 0 \ , \ v = 6580 \\ w = 6 \ , \ h = 49 \ , \ x = 94 \ , \ y = 0 \ , \ v = 294 \\ w = 6 \ , \ h = 28 \ , \ x = 94 \ , \ y = 49 \ , \ v = 168 \\ w = 21 \ , \ h = 7 \ , \ x = 73 \ , \ y = 70 \ , \ v = 147 \end{array}$



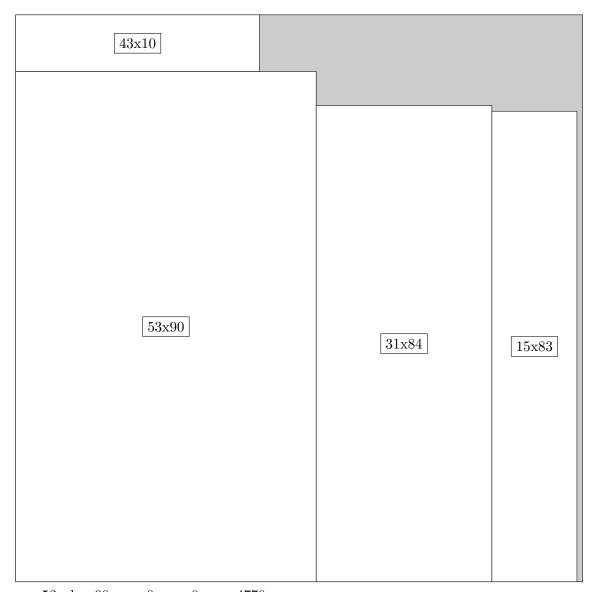
$$\le =60$$
 , $h=88$, $x=0$, $y=0$, $v=5280$

$$\le =39$$
 , $h=46$, $x=60$, $y=0$, $v=1794$

$$\le =31$$
 , h =27 , x =69 , y =65 , v =837

$$\le =37$$
 , h =19 , x =60 , y =46 , v =703

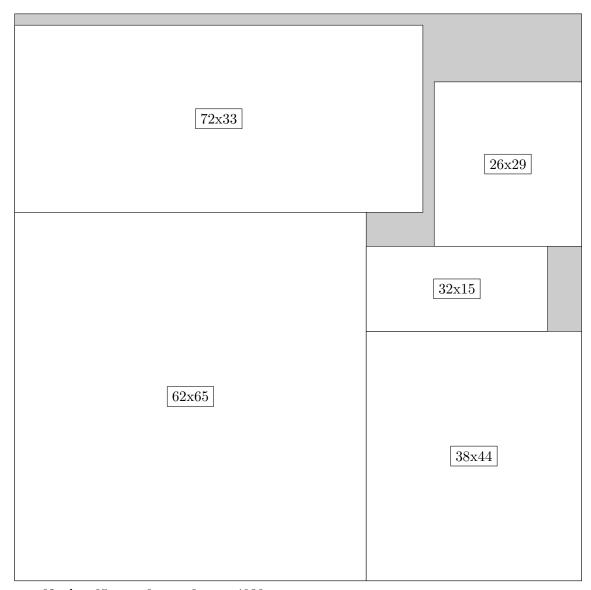
$$w=\!22$$
 , $h=\!8$, $x=\!78$, $y=\!92$, $v=\!176$



$$\begin{array}{l} w = \!\! 53 \ , \ h = \!\! 90 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4770 \\ w = \!\! 31 \ , \ h = \!\! 84 \ , \ x = \!\! 53 \ , \ y = \!\! 0 \ , \ v = \!\! 2604 \end{array}$$

$$\le =15$$
 , h =83 , x =84 , y =0 , v =1245

$$\mathbf{w}$$
 =43 , h =10 , x =0 , y =90 , v =430



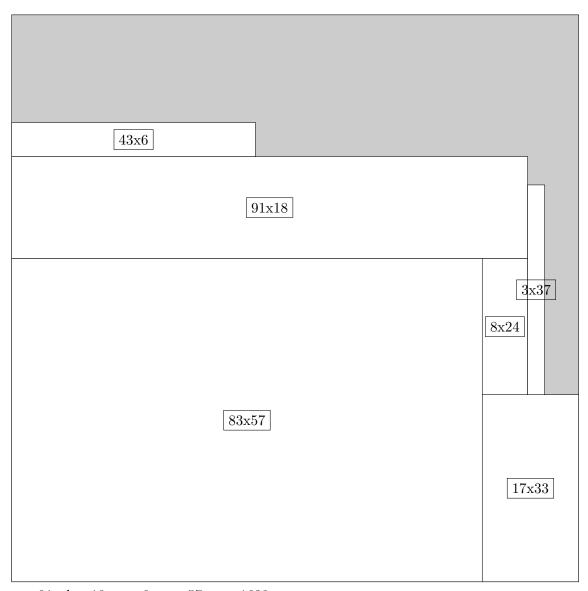
$$w = 62 \ , \ h = 65 \ , \ x = 0 \ , \ y = 0 \ , \ v = 4030$$

$$\le =72$$
 , h =33 , x =0 , y =65 , v =2376

$$\le =38$$
 , h =44 , x =62 , y =0 , v =1672

$$w$$
 =26 , h =29 , x =74 , y =59 , v =754

$$\le =32$$
 , h =15 , x =62 , y =44 , v =480



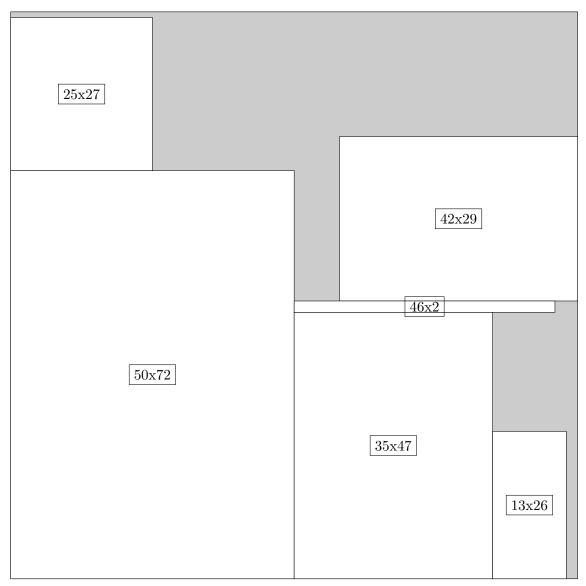
$$\begin{array}{l} w = \! 91 \ , \ h = \! 18 \ , \ x = \! 0 \ , \ y = \! 57 \ , \ v = \! 1638 \\ w = \! 17 \ , \ h = \! 33 \ , \ x = \! 83 \ , \ y = \! 0 \ , \ v = \! 561 \end{array}$$

$$\le =43$$
 , h =6 , x =0 , y =75 , v =258

$$\le =8$$
 , h =24 , x =83 , y =33 , v =192

$$w$$
 =3 , h =37 , x =91 , y =33 , v =111

$$\le =83$$
 , h =57 , x =0 , y =0 , v =4731



$$w = 50$$
, $h = 72$, $x = 0$, $y = 0$, $v = 3600$

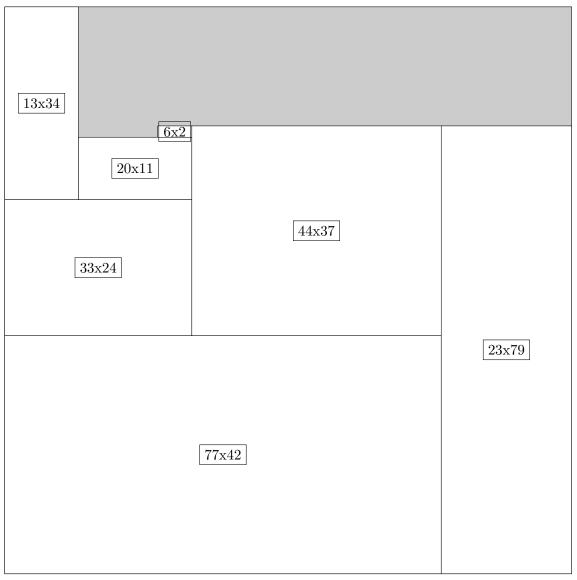
$$w$$
 =35 , h =47 , x =50 , y =0 , v =1645

$$\le =42$$
 , $h=29$, $x=58$, $y=49$, $v=1218$

$$\le =25$$
 , $h=27$, $x=0$, $y=72$, $v=675$

$$\le =13$$
 , $h=26$, $x=85$, $y=0$, $v=338$

$$w=\!46$$
 , $h=\!2$, $x=\!50$, $y=\!47$, $v=\!92$



$$w = 77$$
, $h = 42$, $x = 0$, $y = 0$, $v = 3234$

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

$$w = 44$$
, $h = 37$, $x = 33$, $y = 42$, $v = 1628$

$$\le =33$$
 , h =24 , x =0 , y =42 , v =792

$$\le =13$$
 , h =34 , x =0 , y =66 , v =442

$$w$$
 =20 , h =11 , x =13 , y =66 , v =220

$$\mathbf{w}$$
 =6 , h =2 , x =27 , y =77 , v =12