${\bf ClassName:}~{\bf Class_10.2bp\text{-}13}$

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

TypeNum: $\underline{40}$ Num: $\underline{40}$ OutS: $\underline{60000}$ InS: $\underline{54864}$ Rate: $\underline{0.914}$

UB: <u>6</u> LB0: <u>6</u> LB: **6**

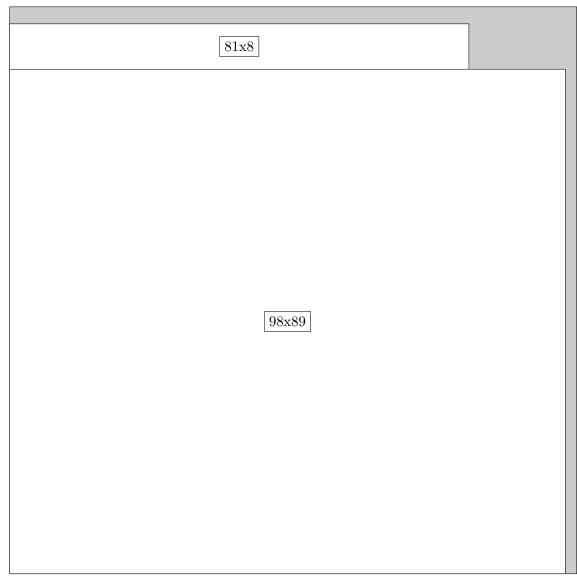
LBWithCut: $\underline{\mathbf{6}}$ NodeCut: $\underline{\mathbf{0}}$

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

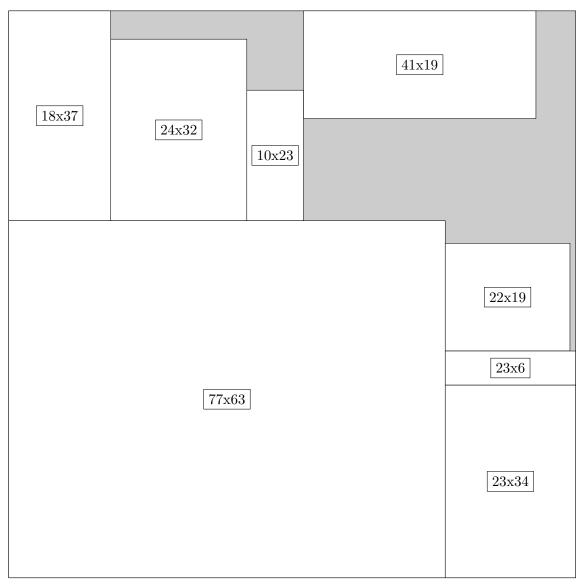
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{6}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.030 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.155 \ s} \end{array}$



$$\begin{array}{l} w = \! 98 \ , \, h = \! 89 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 8722 \\ w = \! 81 \ , \, h = \! 8 \ , \, x = \! 0 \ , \, y = \! 89 \ , \, v = \! 648 \end{array}$$



$$w = 77$$
, $h = 63$, $x = 0$, $y = 0$, $v = 4851$

$$w=\!23$$
 , $h=\!34$, $x=\!77$, $y=\!0$, $v=\!782$

$$w = 41$$
, $h = 19$, $x = 52$, $y = 81$, $v = 779$

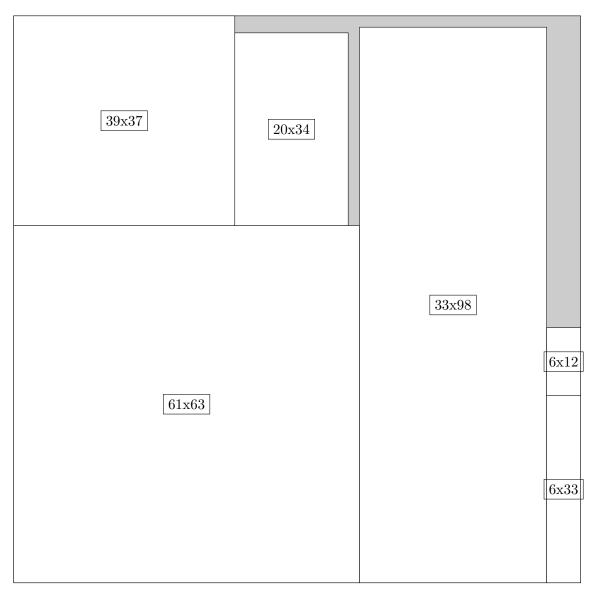
$$w = 24$$
, $h = 32$, $x = 18$, $y = 63$, $v = 768$

$$\le =18$$
 , $h=37$, $x=0$, $y=63$, $v=666$

$$w=\!22$$
 , $h=\!19$, $x=\!77$, $y=\!40$, $v=\!418$

$$w$$
 =10 , h =23 , x =42 , y =63 , v =230

$$\le =23$$
 , h =6 , x =77 , y =34 , v =138



$$w = 61$$
, $h = 63$, $x = 0$, $y = 0$, $v = 3843$

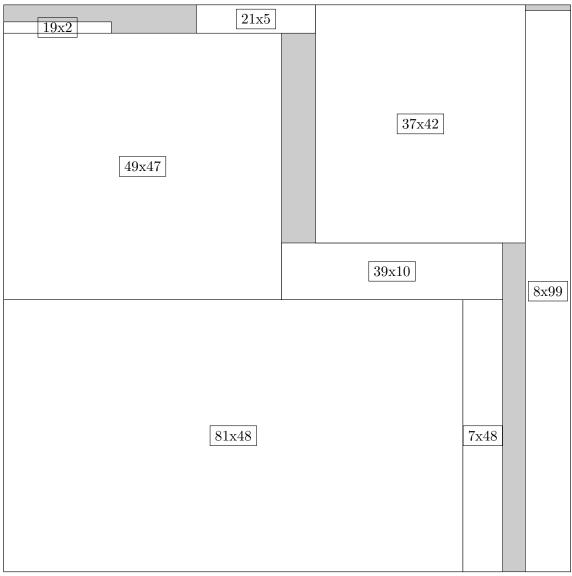
$$\le =33$$
 , h =98 , x =61 , y =0 , v =3234

$$\le =39$$
 , h =37 , x =0 , y =63 , v =1443

$$\le =20$$
 , h =34 , x =39 , y =63 , v =680

$$\mathbf{w}$$
 =6 , h =33 , x =94 , y =0 , v =198

$$w$$
 =6 , h =12 , x =94 , y =33 , v =72



$$w = 81$$
, $h = 48$, $x = 0$, $y = 0$, $v = 3888$

$$w = 49$$
, $h = 47$, $x = 0$, $y = 48$, $v = 2303$

$$w = 7$$
, $h = 48$, $x = 81$, $y = 0$, $v = 336$

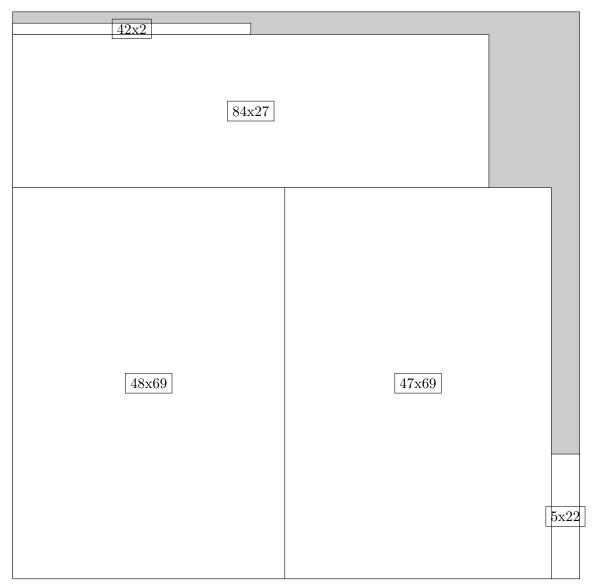
$$w = 8$$
, $h = 99$, $x = 92$, $y = 0$, $v = 792$

$$\le =39$$
 , h =10 , x =49 , y =48 , v =390

$$w$$
 =37 , h =42 , x =55 , y =58 , v =1554

$$w$$
 =21 , h =5 , x =34 , y =95 , v =105

$$\le =19$$
 , h =2 , x =0 , y =95 , v =38



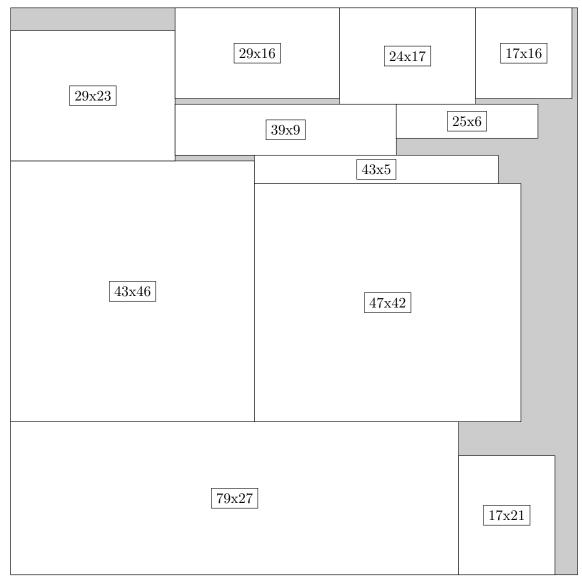
$$w = 48$$
, $h = 69$, $x = 0$, $y = 0$, $v = 3312$

$$w = 47$$
, $h = 69$, $x = 48$, $y = 0$, $v = 3243$

$$w=\!84$$
 , $h=\!27$, $x=\!0$, $y=\!69$, $v=\!2268$

$$w$$
 =5 , h =22 , x =95 , y =0 , v =110

$$\mathbf{w}$$
 =42 , h =2 , x =0 , y =96 , v =84



$$w = 79$$
, $h = 27$, $x = 0$, $y = 0$, $v = 2133$

$$\mathbf{w}=\!\!43$$
 , $\mathbf{h}=\!\!46$, $\mathbf{x}=\!\!0$, $\mathbf{y}=\!\!27$, $\mathbf{v}=\!\!1978$

$$w = 47$$
, $h = 42$, $x = 43$, $y = 27$, $v = 1974$

$$w = 29$$
, $h = 23$, $x = 0$, $y = 73$, $v = 667$

$$w = 29$$
, $h = 16$, $x = 29$, $y = 84$, $v = 464$

$$w=\!24$$
 , $h=\!17$, $x=\!58$, $y=\!83$, $v=\!408$

$$w = 17$$
, $h = 21$, $x = 79$, $y = 0$, $v = 357$

$$w = 39$$
, $h = 9$, $x = 29$, $y = 74$, $v = 351$

$$w = 17$$
, $h = 16$, $x = 82$, $y = 84$, $v = 272$

$$w = 43$$
, $h = 5$, $x = 43$, $y = 69$, $v = 215$

$$w = 25$$
, $h = 6$, $x = 68$, $y = 77$, $v = 150$