$ClassName: {\bf Class_05.2bp-8}$

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

TypeNum: <u>20</u>
Num: <u>20</u>
OutS: <u>70000</u>
InS: <u>52769</u>
Rate: <u>0.754</u>

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

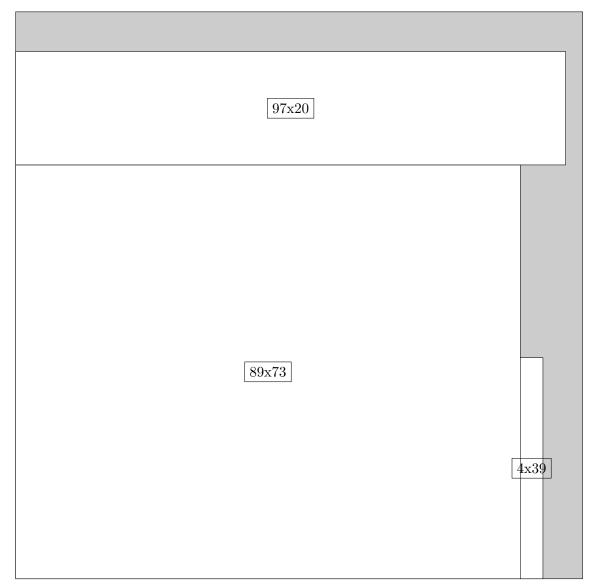
LBWithCut: $\underline{\mathbf{7}}$ NodeCut: $\underline{\mathbf{0}}$

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

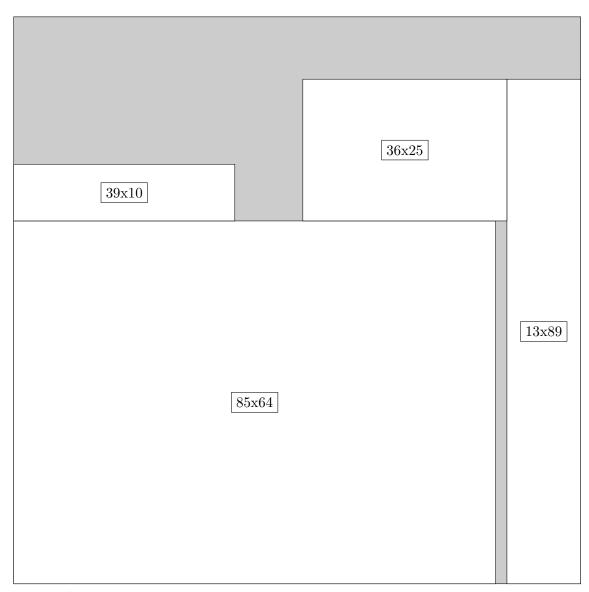
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{7}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.000 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.063 \ s} \\ {\rm TotalTime:} \ \underline{0.125 \ s} \\ \end{array}$



$$\begin{array}{l} w = \! 89 \ , \ h = \! 73 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6497 \\ w = \! 97 \ , \ h = \! 20 \ , \ x = \! 0 \ , \ y = \! 73 \ , \ v = \! 1940 \\ w = \! 4 \ , \ h = \! 39 \ , \ x = \! 89 \ , \ y = \! 0 \ , \ v = \! 156 \end{array}$$

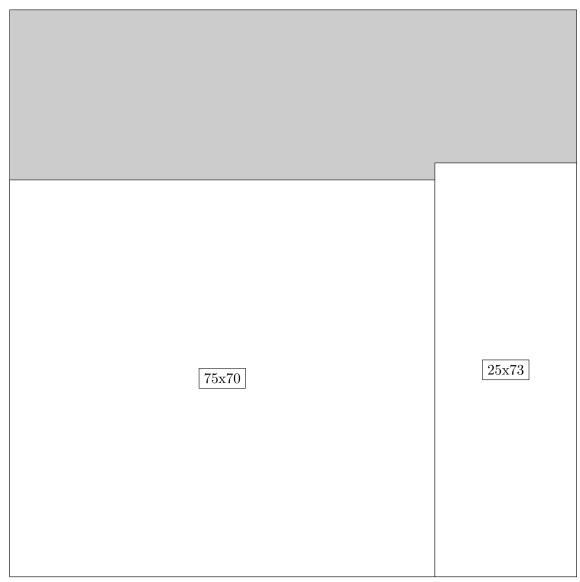


$$\le =85$$
 , h =64 , x =0 , y =0 , v =5440

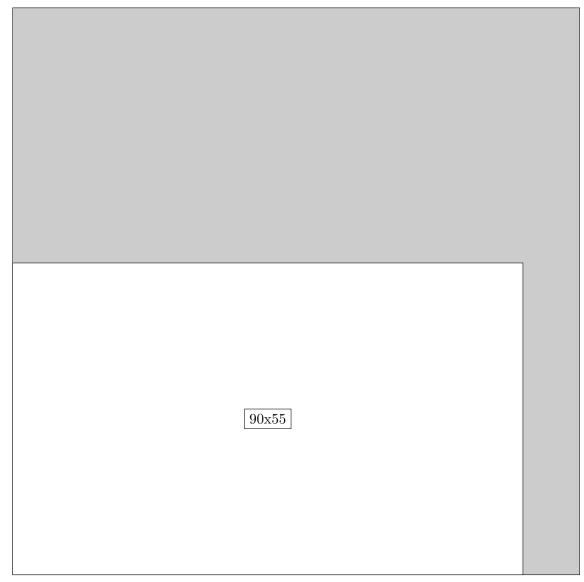
$$w = 13$$
, $h = 89$, $x = 87$, $y = 0$, $v = 1157$

$$\le =36$$
 , h =25 , x =51 , y =64 , v =900

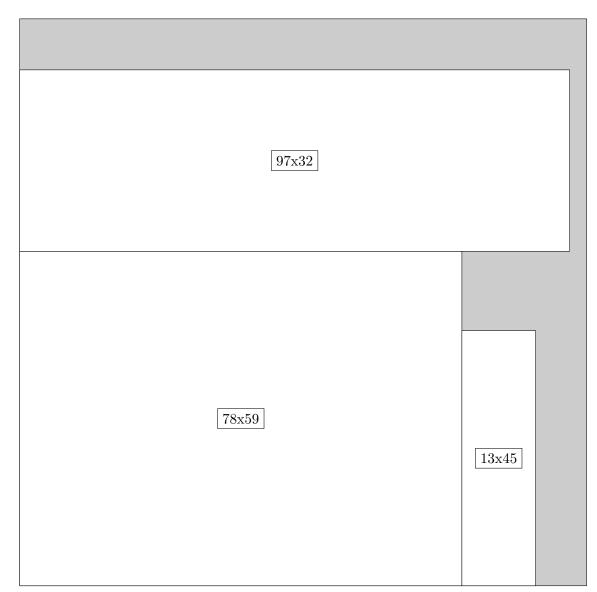
$$\le =39$$
 , h =10 , x =0 , y =64 , v =390



$$\begin{array}{c} w = \!\!\! 75 \ , \ h = \!\!\! 70 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 5250 \\ w = \!\!\! 25 \ , \ h = \!\!\! 73 \ , \ x = \!\!\! 75 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 1825 \\ \end{array}$$



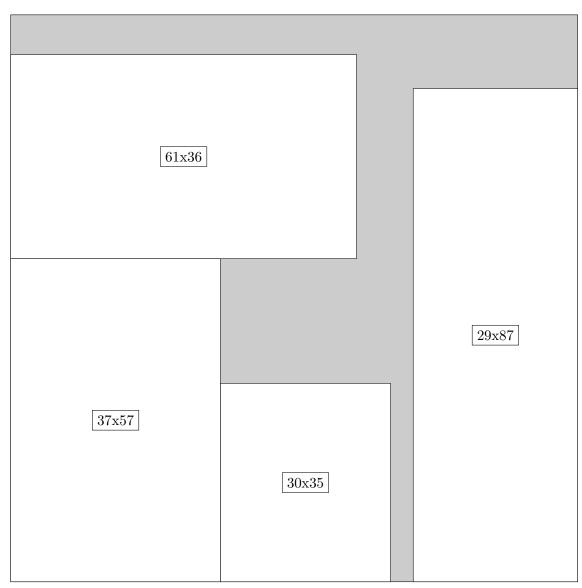
 $\le =90$, h =55 , x =0 , y =0 , v =4950



$$w = 78$$
, $h = 59$, $x = 0$, $y = 0$, $v = 4602$

$$\le =97$$
 , h =32 , x =0 , y =59 , v =3104

$$\le =13$$
 , h =45 , x =78 , y =0 , v =585

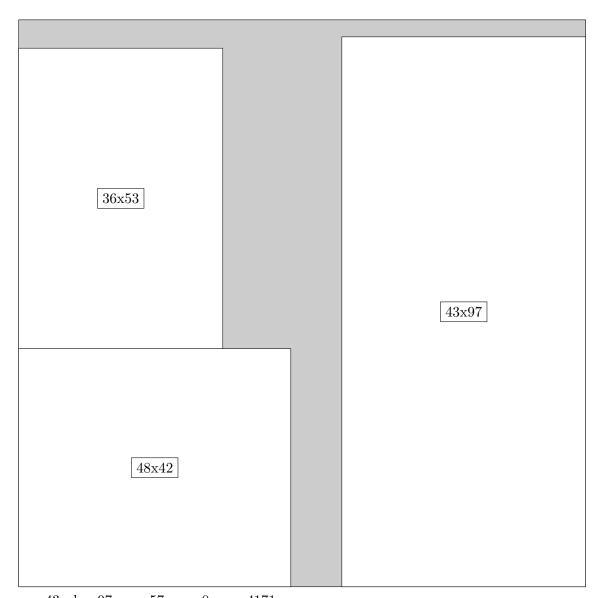


$$\le =29$$
 , h =87 , x =71 , y =0 , v =2523

$$\le =37$$
 , $h=\!57$, $x=\!0$, $y=\!0$, $v=\!2109$

$$\le =61$$
 , h =36 , x =0 , y =57 , v =2196

$$\le =30$$
 , h =35 , x =37 , y =0 , v =1050



w =43, h =97, x =57, y =0, v =4171

 \mathbf{w} =48 , h =42 , x =0 , y =0 , v =2016

 $\le =36$, h =53 , x =0 , y =42 , v =1908