$ClassName: \ Class_07.2bp-15$

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

TypeNum: $\underline{40}$ Num: $\underline{40}$ OutS: $\underline{110000}$ InS: $\underline{95584}$ Rate: $\underline{0.869}$ UB: $\underline{11}$

UB: <u>11</u> LB0: <u>11</u> LB: <u>11</u>

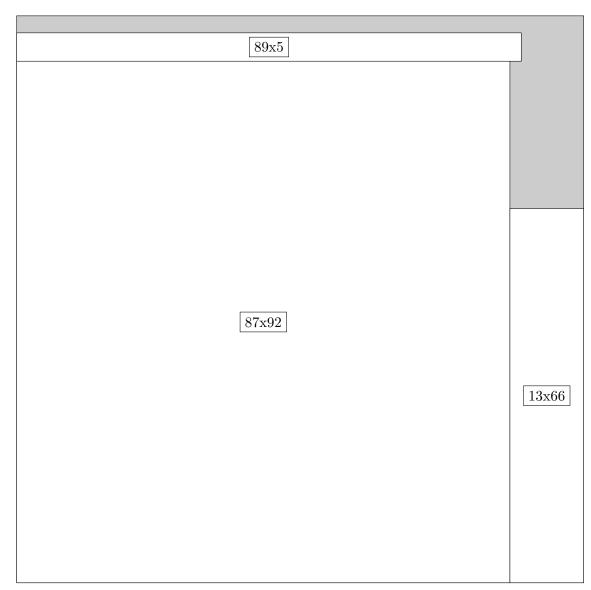
LBWithCut: $\underline{\mathbf{11}}$ NodeCut: $\underline{\mathbf{0}}$

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

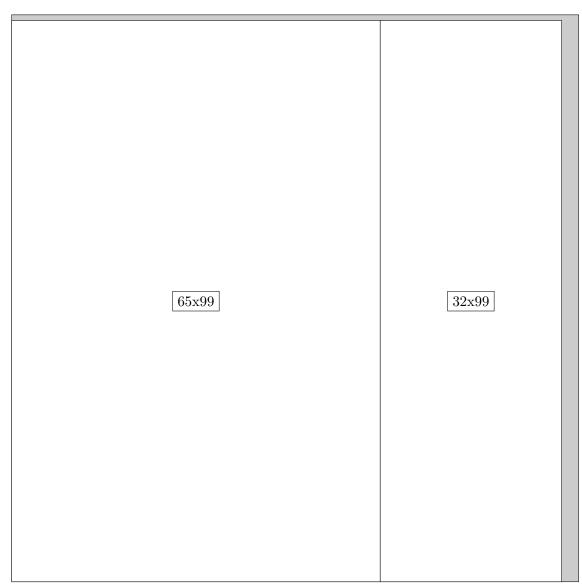
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{11}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.120 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.063 \ s} \\ {\rm TotalTime:} \ \underline{0.230 \ s} \end{array}$

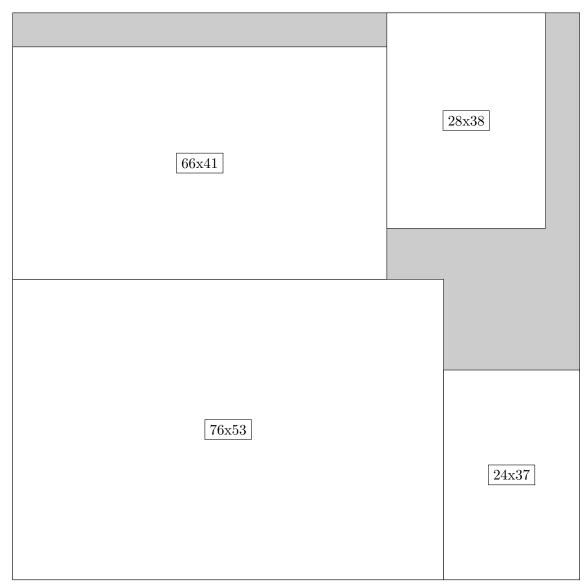


$$\begin{array}{l} w = \! 87 \; , \; h = \! 92 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8004 \\ w = \! 13 \; , \; h = \! 66 \; , \; x = \! 87 \; , \; y = \! 0 \; , \; v = \! 858 \\ w = \! 89 \; , \; h = \! 5 \; , \; x = \! 0 \; , \; y = \! 92 \; , \; v = \! 445 \end{array}$$





$$\begin{array}{l} w = \! 81 \ , \ h = \! 44 \ , \ x = \! 0 \ , \ y = \! 52 \ , \ v = \! 3564 \\ w = \! 88 \ , \ h = \! 52 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4576 \\ w = \! 9 \ , \ h = \! 80 \ , \ x = \! 88 \ , \ y = \! 0 \ , \ v = \! 720 \end{array}$$

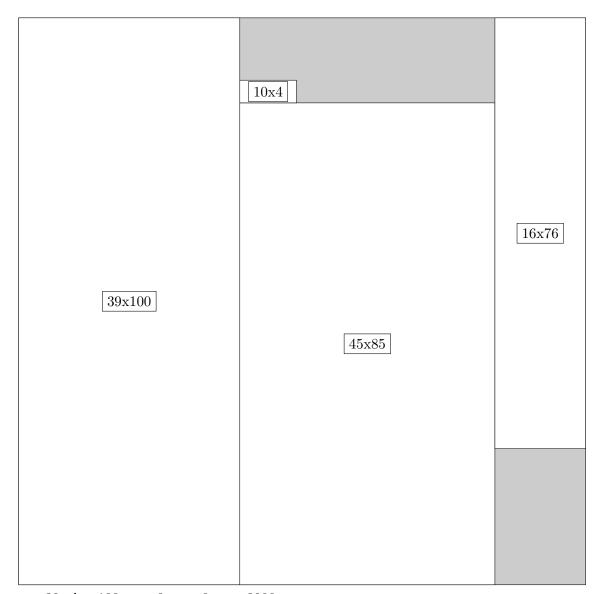


$$\le -76$$
 , h =
53 , x =0 , y =
0 , v =
4028

$$\le =66$$
 , h =41 , x =0 , y =53 , v =2706

$$\le =28$$
 , h =38 , x =66 , y =62 , v =1064

$$\le =24$$
 , h =37 , x =76 , y =0 , v =888

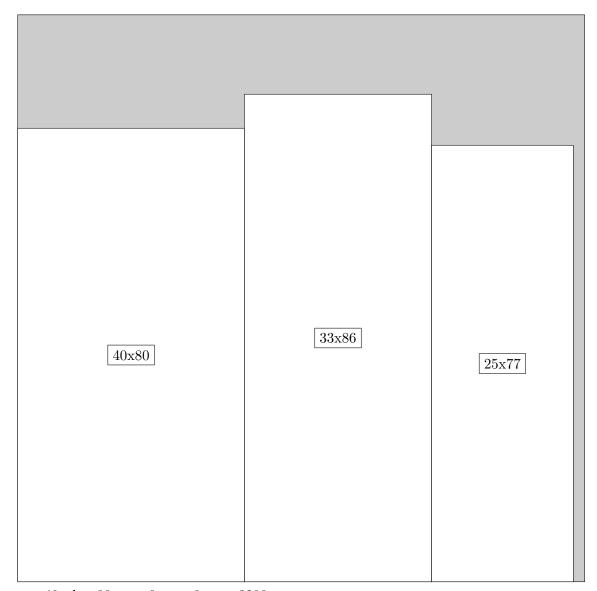


$$\le =39$$
 , h =100 , x =0 , y =0 , v =3900

$$\le =45$$
 , $h=85$, $x=39$, $y=0$, $v=3825$

$$\le =16$$
 , h =76 , x =84 , y =24 , v =1216

$$\mathbf{w}=\!\!10$$
 , $\mathbf{h}=\!\!4$, $\mathbf{x}=\!\!39$, $\mathbf{y}=\!\!85$, $\mathbf{v}=\!\!40$



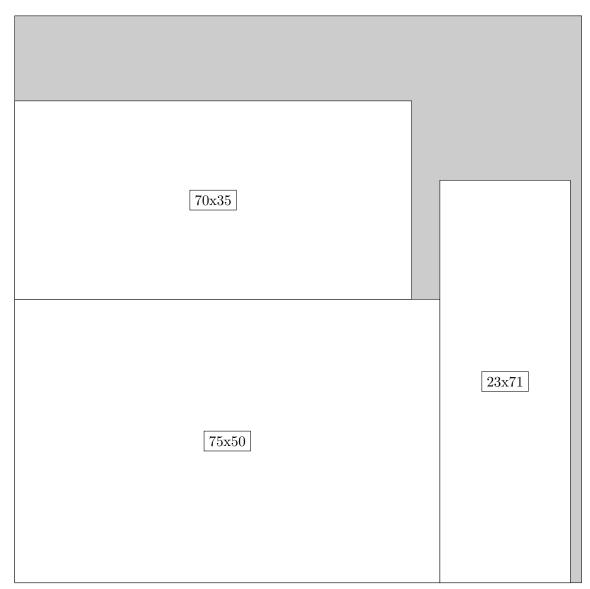
$$\begin{array}{l} w = \! 40 \ , \ h = \! 80 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3200 \\ w = \! 33 \ , \ h = \! 86 \ , \ x = \! 40 \ , \ y = \! 0 \ , \ v = \! 2838 \end{array}$$

$$\le =25$$
 , h =77 , x =73 , y =0 , v =1925

98x31		
46x67	32x69	11x68

$$\le =32$$
 , h =69 , x =46 , y =0 , v =2208

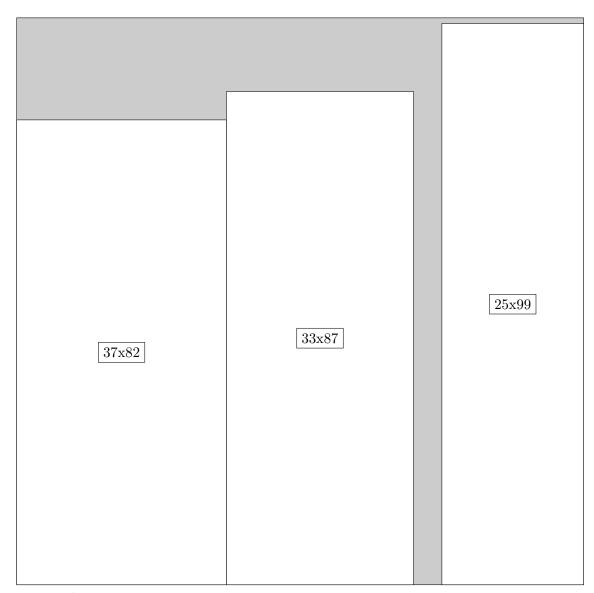
$$\le =11$$
 , $h=68$, $x=78$, $y=0$, $v=748$



$$w = 75$$
, $h = 50$, $x = 0$, $y = 0$, $v = 3750$

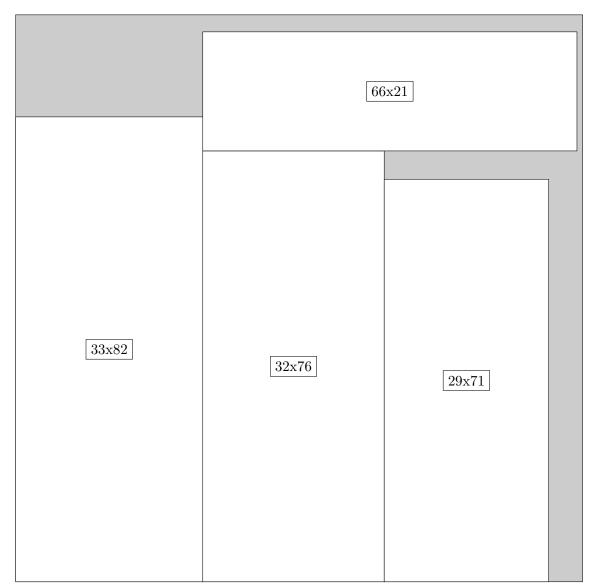
$$\le =70$$
 , h =35 , x =0 , y =50 , v =2450

$$\le =23$$
 , h =71 , x =75 , y =0 , v =1633



 $\begin{array}{l} w = \!\! 37 \ , \ h = \!\! 82 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3034 \\ w = \!\! 33 \ , \ h = \!\! 87 \ , \ x = \!\! 37 \ , \ y = \!\! 0 \ , \ v = \!\! 2871 \end{array}$

w = 25, h = 99, x = 75, y = 0, v = 2475

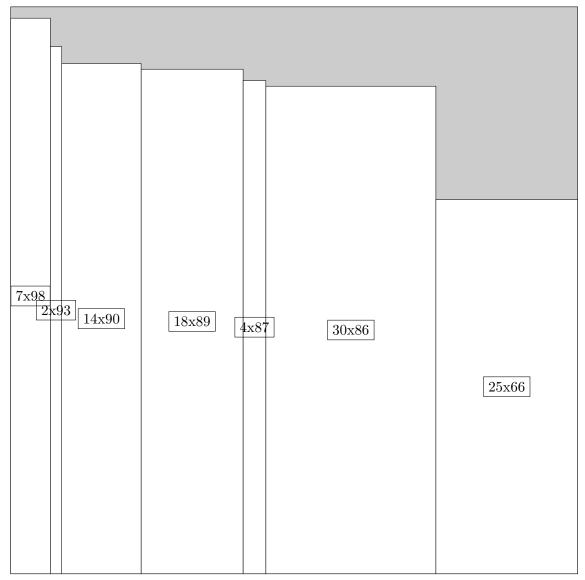


$$\le =33$$
 , h =82 , x =0 , y =0 , v =2706

$$\le =32$$
 , h =76 , x =33 , y =0 , v =2432

$$\le =29$$
 , h =71 , x =65 , y =0 , v =2059

$$\le =66$$
 , h =21 , x =33 , y =76 , v =1386



$$\begin{array}{l} w = 30 \; , \; h = 86 \; , \; x = 45 \; , \; y = 0 \; , \; v = 2580 \\ w = 25 \; , \; h = 66 \; , \; x = 75 \; , \; y = 0 \; , \; v = 1650 \\ w = 18 \; , \; h = 89 \; , \; x = 23 \; , \; y = 0 \; , \; v = 1602 \\ w = 14 \; , \; h = 90 \; , \; x = 9 \; , \; y = 0 \; , \; v = 1260 \\ w = 7 \; , \; h = 98 \; , \; x = 0 \; , \; y = 0 \; , \; v = 686 \\ w = 4 \; , \; h = 87 \; , \; x = 41 \; , \; y = 0 \; , \; v = 348 \\ w = 2 \; , \; h = 93 \; , \; x = 7 \; , \; y = 0 \; , \; v = 186 \end{array}$$