$ClassName: \ Class_10.2bp-22$

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>110000</u> InS: <u>102593</u> Rate: <u>0.933</u> UB: <u>11</u>

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

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

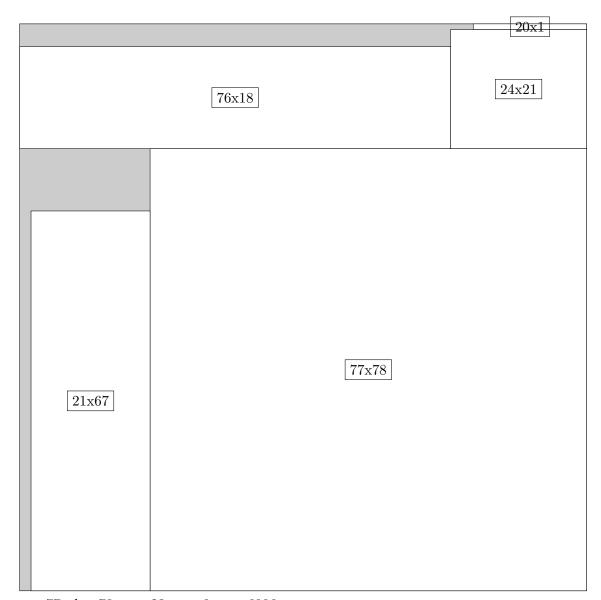
ExtendedNodeCnt: $\underline{\mathbf{1}}$

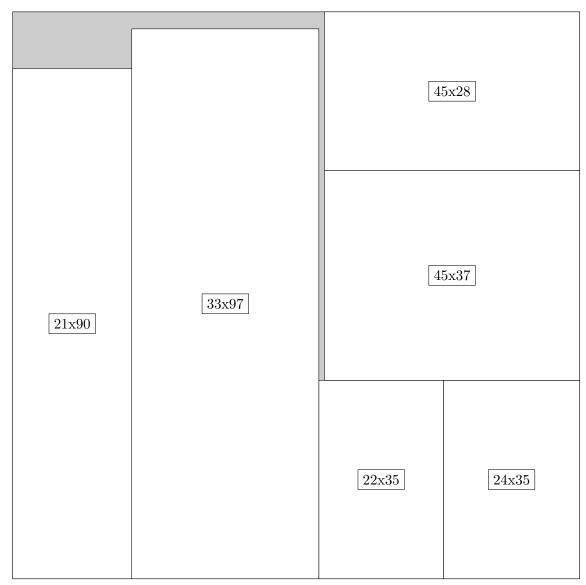
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{11}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

TimeOnInitSolution: $\underline{600.000 \text{ s}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 600.344 s





$$w = 24$$
, $h = 35$, $x = 76$, $y = 0$, $v = 840$

$$\le =45$$
 , h =37 , x =55 , y =35 , v =1665

$$\le =45$$
 , h =28 , x =55 , y =72 , v =1260

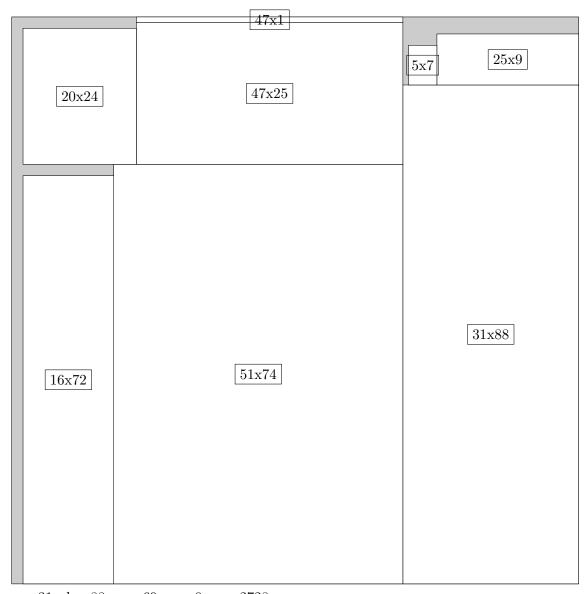
$$\le =33$$
 , h =97 , x =21 , y =0 , v =3201

$$\mathbf{w}$$
 =21 , h =90 , x =0 , y =0 , v =1890

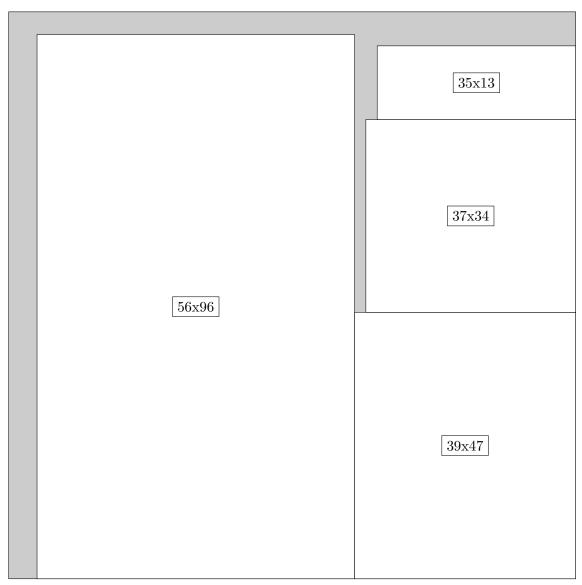
 $[\]le =22$, h =35 , x =54 , y =0 , v =770

35x7	39x7
$\boxed{94 \text{x} 93}$	
o nico	

$$\begin{array}{l} w = \! 94 \; , \; h = \! 93 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 8742 \\ w = \! 39 \; , \; h = \! 7 \; , \; x = \! 61 \; , \; y = \! 93 \; , \; v = \! 273 \\ w = \! 35 \; , \; h = \! 7 \; , \; x = \! 26 \; , \; y = \! 93 \; , \; v = \! 245 \end{array}$$



$$\begin{array}{l} w = & 31 \;,\; h = & 88 \;,\; x = & 69 \;,\; y = & 0 \;,\; v = & 2728 \\ w = & 25 \;,\; h = & 9 \;,\; x = & 75 \;,\; y = & 88 \;,\; v = & 225 \\ w = & 5 \;,\; h = & 7 \;,\; x = & 70 \;,\; y = & 88 \;,\; v = & 35 \\ w = & 51 \;,\; h = & 74 \;,\; x = & 18 \;,\; y = & 0 \;,\; v = & 3774 \\ w = & 16 \;,\; h = & 72 \;,\; x = & 2 \;,\; y = & 0 \;,\; v = & 1152 \\ w = & 47 \;,\; h = & 25 \;,\; x = & 22 \;,\; y = & 74 \;,\; v = & 1175 \\ w = & 47 \;,\; h = & 1 \;,\; x = & 22 \;,\; y = & 99 \;,\; v = & 47 \\ w = & 20 \;,\; h = & 24 \;,\; x = & 2 \;,\; y = & 74 \;,\; v = & 480 \\ \end{array}$$

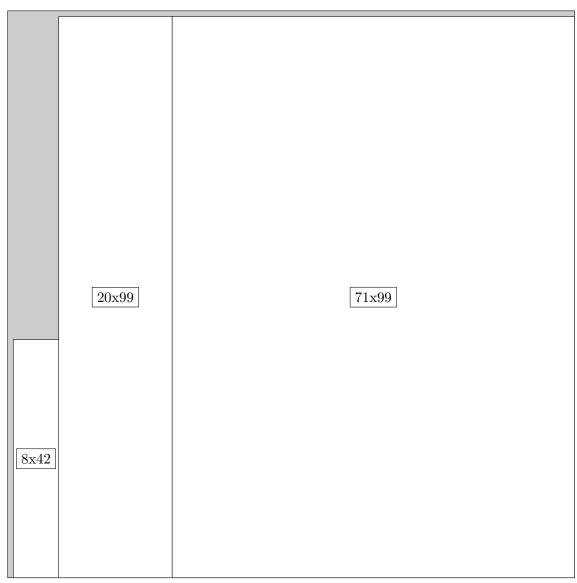


$$\le =39$$
 , $h=47$, $x=61$, $y=0$, $v=1833$

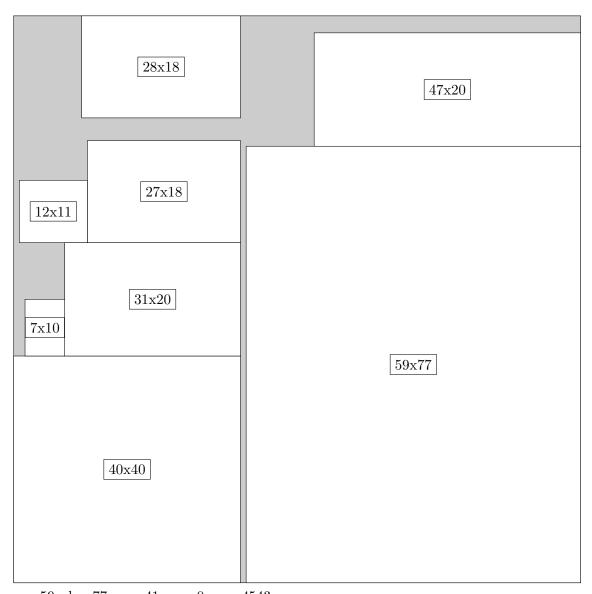
$$\le =37$$
 , h =34 , x =63 , y =47 , v =1258

$$\le =35$$
 , h =13 , x =65 , y =81 , v =455

$$\le =56$$
 , $h=96$, $x=5$, $y=0$, $v=5376$



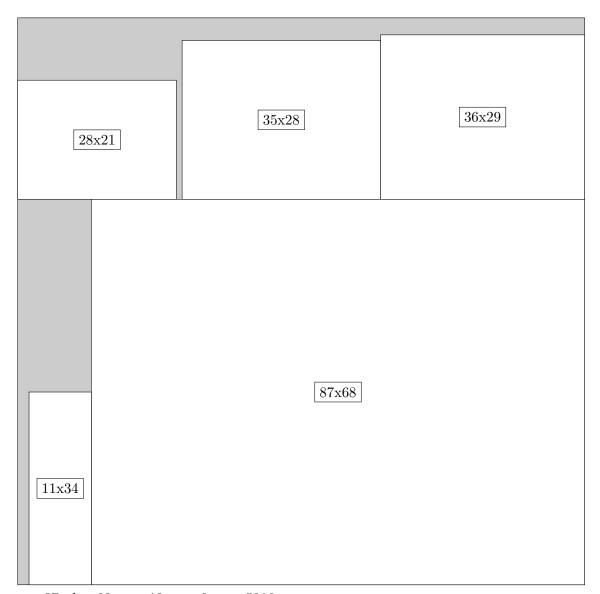
 $\begin{array}{l} w = \! 71 \ , \ h = \! 99 \ , \ x = \! 29 \ , \ y = \! 0 \ , \ v = \! 7029 \\ w = \! 20 \ , \ h = \! 99 \ , \ x = \! 9 \ , \ y = \! 0 \ , \ v = \! 1980 \\ w = \! 8 \ , \ h = \! 42 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 336 \end{array}$



$$\begin{array}{l} w=59\;,\; h=77\;,\; x=41\;,\; y=0\;,\; v=4543\\ w=47\;,\; h=20\;,\; x=53\;,\; y=77\;,\; v=940\\ w=40\;,\; h=40\;,\; x=0\;,\; y=0\;,\; v=1600\\ w=31\;,\; h=20\;,\; x=9\;,\; y=40\;,\; v=620\\ w=7\;,\; h=10\;,\; x=2\;,\; y=40\;,\; v=70\\ w=27\;,\; h=18\;,\; x=13\;,\; y=60\;,\; v=486\\ w=12\;,\; h=11\;,\; x=1\;,\; y=60\;,\; v=132\\ w=28\;,\; h=18\;,\; x=12\;,\; y=82\;,\; v=504\\ \end{array}$$



$$\begin{array}{l} w = 84 \;, \; h = 16 \;, \; x = 16 \;, \; y = 0 \;, \; v = 1344 \\ w = 16 \;, \; h = 16 \;, \; x = 0 \;, \; y = 0 \;, \; v = 256 \\ w = 94 \;, \; h = 35 \;, \; x = 6 \;, \; y = 16 \;, \; v = 3290 \\ w = 6 \;, \; h = 29 \;, \; x = 0 \;, \; y = 16 \;, \; v = 174 \\ w = 40 \;, \; h = 49 \;, \; x = 60 \;, \; y = 51 \;, \; v = 1960 \\ w = 30 \;, \; h = 49 \;, \; x = 30 \;, \; y = 51 \;, \; v = 1470 \\ w = 30 \;, \; h = 42 \;, \; x = 0 \;, \; y = 51 \;, \; v = 1260 \end{array}$$



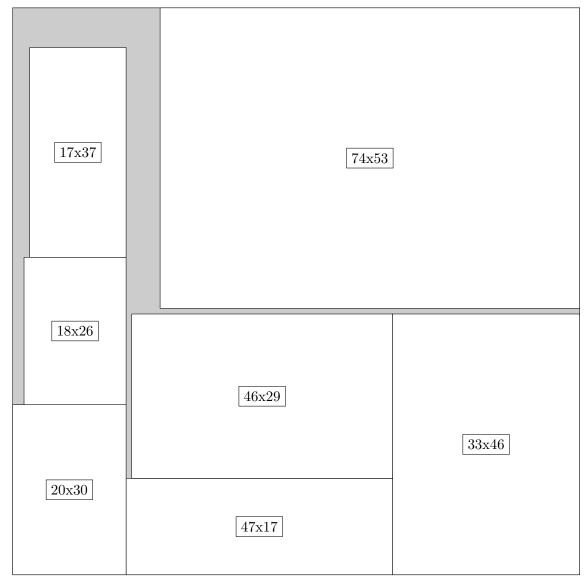
$$\le =87$$
 , h =68 , x =13 , y =0 , v =5916

$$\le =11$$
 , $h=34$, $x=2$, $y=0$, $v=374$

$$\le =36$$
 , $h=29$, $x=64$, $y=68$, $v=1044$

$$\le =35$$
 , h =28 , x =29 , y =68 , v =980

$$\le =28$$
 , h =21 , x =0 , y =68 , v =588



$$\le =33$$
 , $h=46$, $x=67$, $y=0$, $v=1518$

$$\mathbf{w}=\!\!47$$
 , $\mathbf{h}=\!\!17$, $\mathbf{x}=\!\!20$, $\mathbf{y}=\!\!0$, $\mathbf{v}=\!\!799$

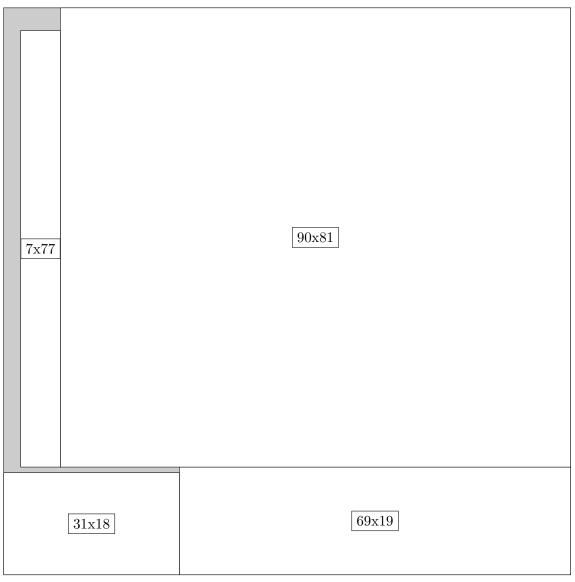
$$\le =46$$
 , h =29 , x =21 , y =17 , v =1334

$$w = 74$$
, $h = 53$, $x = 26$, $y = 47$, $v = 3922$

$$\le =20$$
 , $h=30$, $x=0$, $y=0$, $v=600$

$$\le =18$$
 , h =26 , x =2 , y =30 , v =468

$$\le =17$$
 , h =37 , x =3 , y =56 , v =629



 $\begin{array}{c} w = \!\!69 \; , \; h = \!\!19 \; , \; x = \!\!31 \; , \; y = \!\!0 \; , \; v = \!\!1311 \\ w = \!\!31 \; , \; h = \!\!18 \; , \; x = \!\!0 \; , \; y = \!\!0 \; , \; v = \!\!558 \\ \end{array}$

 $\le =90$, h =81 , x =10 , y =19 , v =7290

w =7 , h =77 , x =3 , y =19 , v =539