$ClassName: \ Class_05.2bp\text{-}18$

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>100000</u> InS: <u>83980</u> Rate: <u>0.840</u> UB: <u>10</u> LB0: <u>9</u>

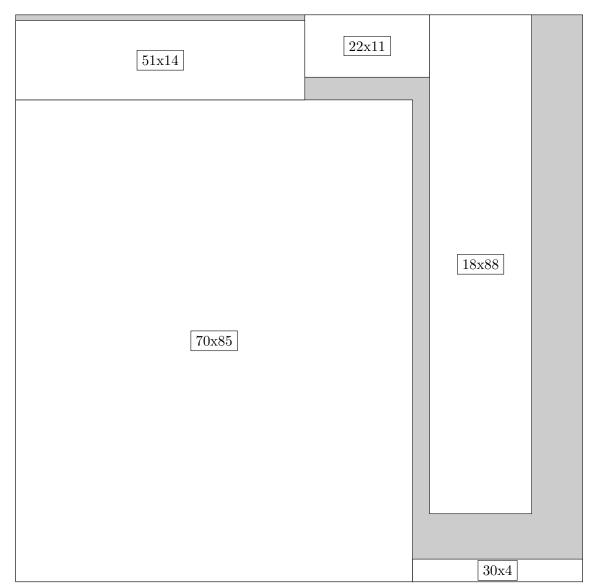
LB: $\underline{\mathbf{10}}$ LBWithCut: $\underline{\mathbf{10}}$ NodeCut: $\underline{\mathbf{0}}$

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{102}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{93}}$ PricingSolverCnt: $\underline{\mathbf{93}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.030 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{95.625 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.098 \ s} \\ {\rm TotalTime:} \ \underline{95.867 \ s} \end{array}$



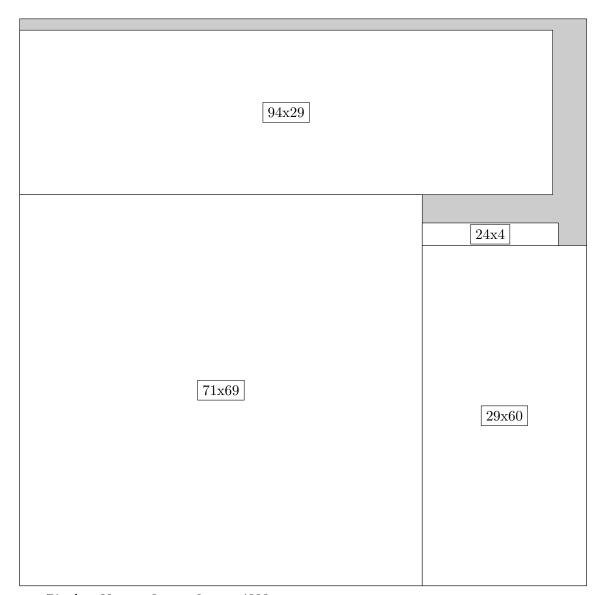
$$w$$
 =70 , h =85 , x =0 , y =0 , v =5950

$$\le =18$$
 , h =88 , x =73 , y =12 , v =1584

$$\le =51$$
 , h =14 , x =0 , y =85 , v =714

$$\le =22$$
 , h =11 , x =51 , y =89 , v =242

$$\mathbf{w}=\!30$$
 , $\mathbf{h}=\!4$, $\mathbf{x}=\!70$, $\mathbf{y}=\!0$, $\mathbf{v}=\!120$

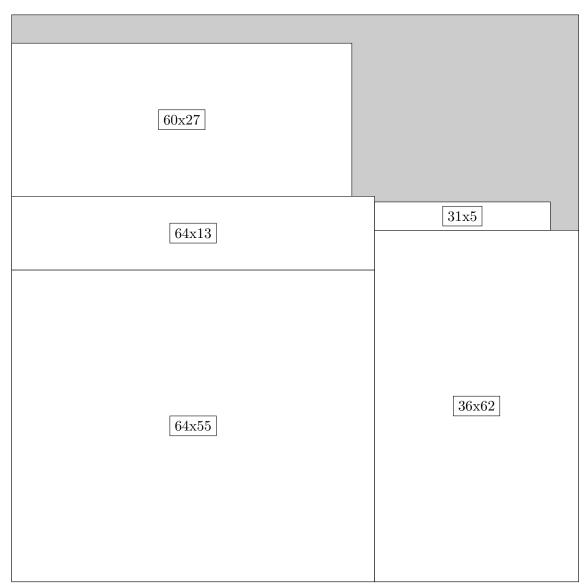


$$\le =71$$
 , h =69 , x =0 , y =0 , v =4899

$$\le =94$$
 , h =29 , x =0 , y =69 , v =2726

$$\le =29$$
 , h =60 , x =71 , y =0 , v =1740

$$\le =24$$
 , h =4 , x =71 , y =60 , v =96



$$w = 64$$
, $h = 55$, $x = 0$, $y = 0$, $v = 3520$

$$\le =36$$
 , $h=62$, $x=64$, $y=0$, $v=2232$

$$\le =60$$
 , h =27 , x =0 , y =68 , v =1620

$$\le =64$$
 , h =13 , x =0 , y =55 , v =832

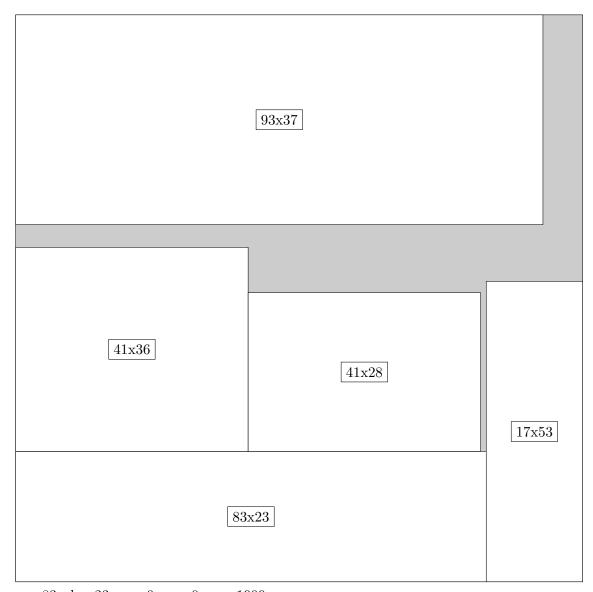
$$w=\!31$$
 , $h=\!5$, $x=\!64$, $y=\!62$, $v=\!155$

89x6	
77x78	23x74

$$w = 23 \ , \ h = 74 \ , \ x = 77 \ , \ y = 0 \ , \ v = 1702$$

$$\mathbf{w}$$
 =77 , h =78 , x =0 , y =0 , v =6006

$$\le =89$$
 , h =6 , x =0 , y =78 , v =534



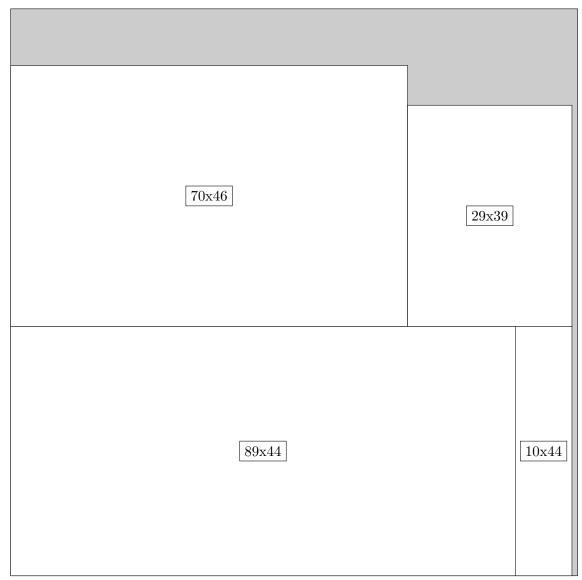
$$\le =83$$
 , h =23 , x =0 , y =0 , v =1909

$$\le =93$$
 , h =37 , x =0 , y =63 , v =3441

$$\le =41$$
 , h =36 , x =0 , y =23 , v =1476

$$\le =41$$
 , h =28 , x =41 , y =23 , v =1148

$$\le =17$$
 , h =53 , x =83 , y =0 , v =901

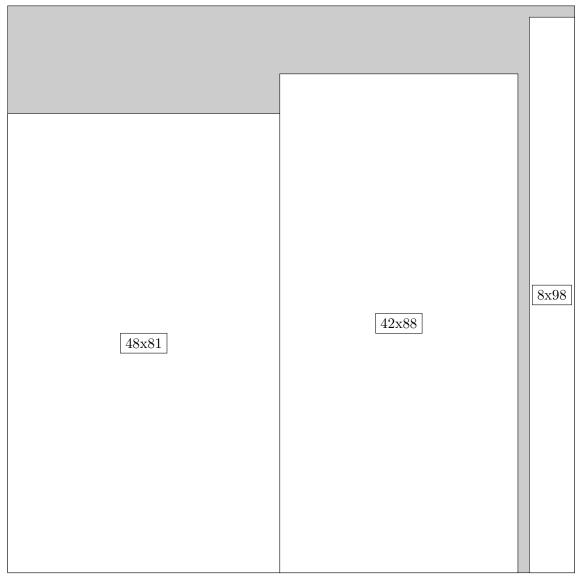


$$\le =89$$
 , $h=44$, $x=0$, $y=0$, $v=3916$

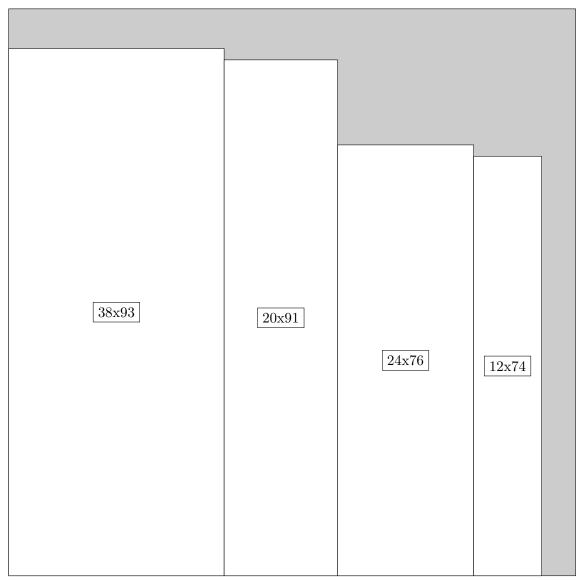
$$\le =70$$
 , h =46 , x =0 , y =44 , v =3220

$$\le =29$$
 , h =39 , x =70 , y =44 , v =1131

$$\mathbf{w}$$
 =10 , h =44 , x =89 , y =0 , v =440



 $\begin{array}{l} w = \!\!48 \ , \ h = \!\!81 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!3888 \\ w = \!\!42 \ , \ h = \!\!88 \ , \ x = \!\!48 \ , \ y = \!\!0 \ , \ v = \!\!3696 \\ w = \!\!8 \ , \ h = \!\!98 \ , \ x = \!\!92 \ , \ y = \!\!0 \ , \ v = \!\!784 \end{array}$

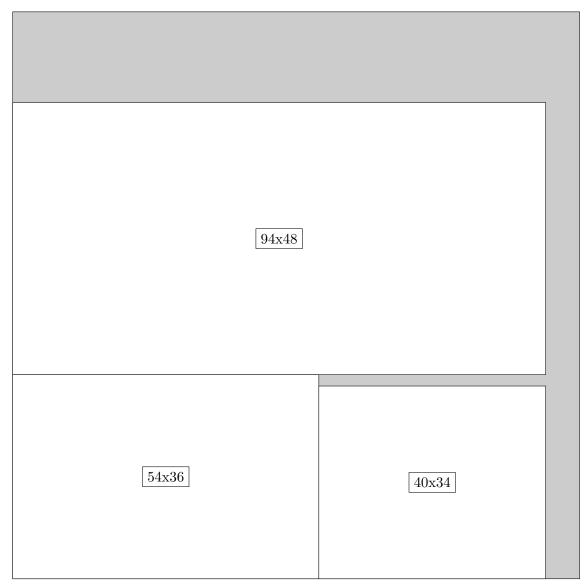


$$\le =38$$
 , h =93 , x =0 , y =0 , v =3534

$$\le =24$$
 , h =76 , x =58 , y =0 , v =1824

$$\le =20$$
 , h =91 , x =38 , y =0 , v =1820

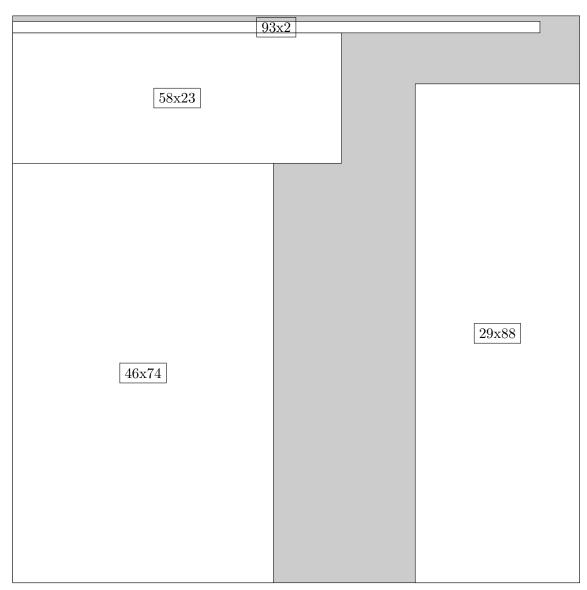
$$\mathbf{w}$$
 =12 , h =74 , x =82 , y =0 , v =888



$$w = 94$$
, $h = 48$, $x = 0$, $y = 36$, $v = 4512$

$$\le 54$$
 , h =
36 , x =
0 , y =
0 , v =
1944

$$\le =40$$
 , h =34 , x =54 , y =0 , v =1360



w = 46, h = 74, x = 0, y = 0, v = 3404

 $\le =29$, h =88 , x =71 , y =0 , v =2552

 $\le =58$, h =23 , x =0 , y =74 , v =1334

w = 93, h = 2, x = 0, y = 97, v = 186