$ClassName: \ Class\_05.2bp-11$ 

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

TypeNum: <u>40</u>
Num: <u>40</u>
OutS: <u>100000</u>
InS: <u>89131</u>
Rate: <u>0.891</u>
UB: <u>10</u>
LB0: <u>10</u>
LB: <u>10</u>

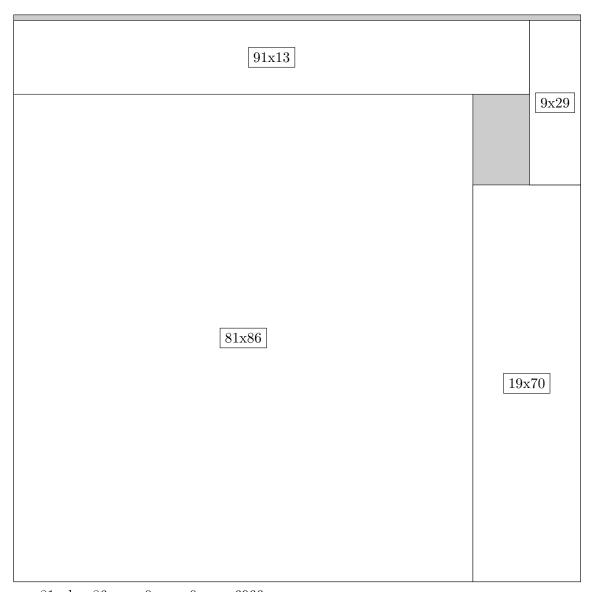
LBWithCut:  $\underline{\mathbf{10}}$ NodeCut:  $\underline{\mathbf{0}}$ 

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

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{10}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

isOpt: **true** 

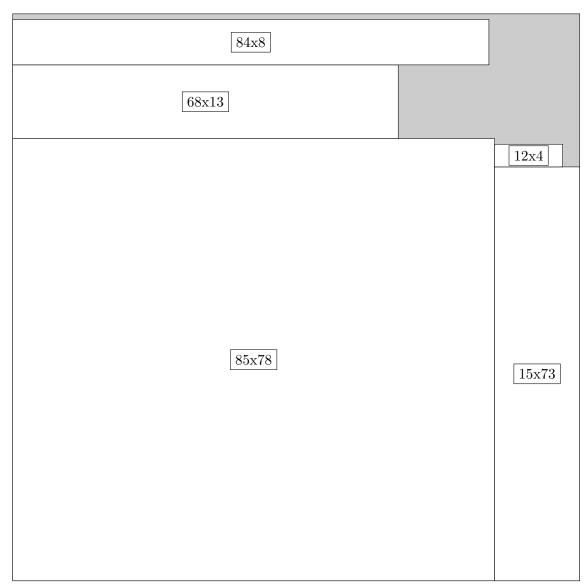
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.050 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.047 \ s} \\ {\rm TotalTime:} \ \underline{0.175 \ s} \end{array}$ 



$$\begin{array}{l} w = \! 81 \ , \ h = \! 86 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6966 \\ w = \! 19 \ , \ h = \! 70 \ , \ x = \! 81 \ , \ y = \! 0 \ , \ v = \! 1330 \end{array}$$

$$\le =91$$
 , h =13 , x =0 , y =86 , v =1183

$$w$$
 =9 , h =29 , x =91 , y =70 , v =261



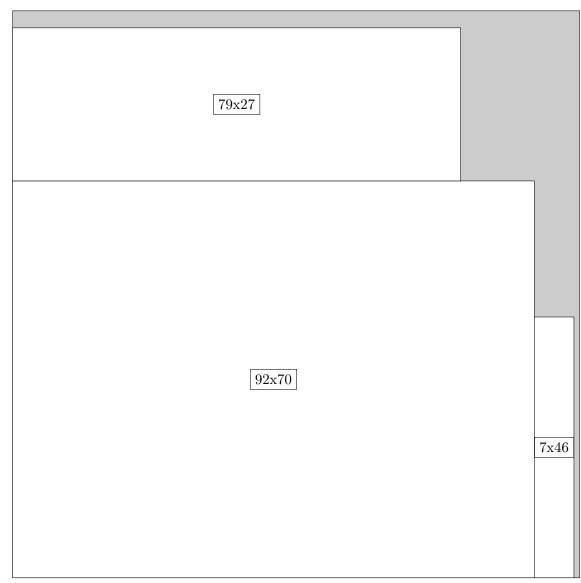
$$\le =85$$
 ,  $h=78$  ,  $x=0$  ,  $y=0$  ,  $v=6630$ 

$$\le =15$$
 ,  $h$  =73 ,  $x$  =85 ,  $y$  =0 ,  $v$  =1095

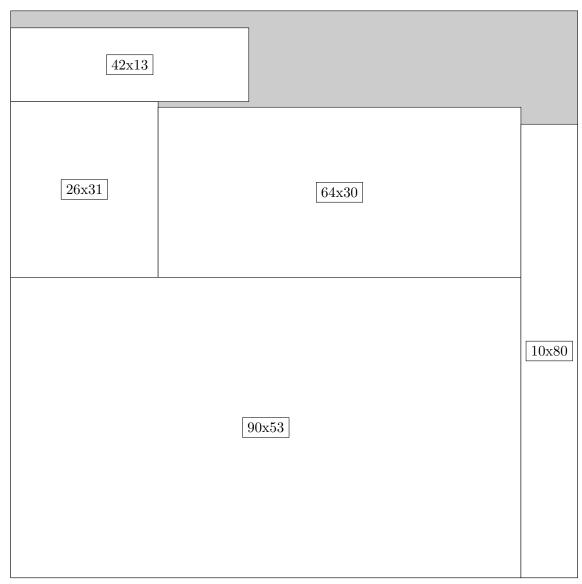
$$\mathbf{w}$$
 =68 , h =13 , x =0 , y =78 , v =884

$$\le =84$$
 ,  $h$  =8 ,  $x$  =0 ,  $y$  =91 ,  $v$  =672

$$\le =12$$
 , h =4 , x =85 , y =73 , v =48



$$\begin{array}{l} w = \! 92 \ , \ h = \! 70 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6440 \\ w = \! 79 \ , \ h = \! 27 \ , \ x = \! 0 \ , \ y = \! 70 \ , \ v = \! 2133 \\ w = \! 7 \ , \ h = \! 46 \ , \ x = \! 92 \ , \ y = \! 0 \ , \ v = \! 322 \end{array}$$



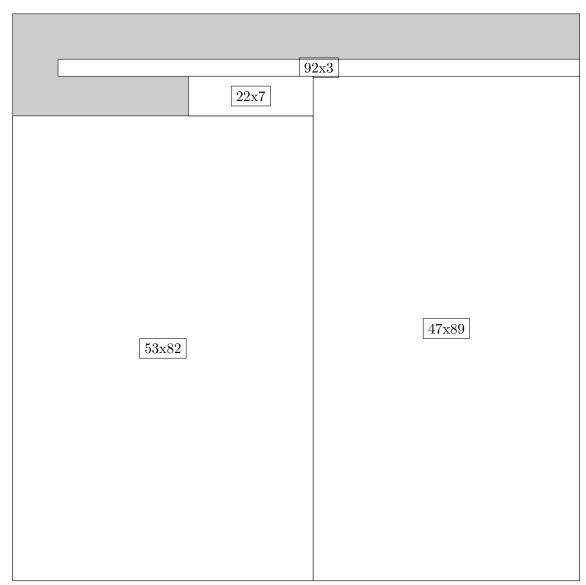
$$w=\!26$$
 ,  $h=\!31$  ,  $x=\!0$  ,  $y=\!53$  ,  $v=\!806$ 

$$\le =64$$
 , h =30 , x =26 , y =53 , v =1920

$$\le =90$$
 ,  $h=53$  ,  $x=0$  ,  $y=0$  ,  $v=4770$ 

$$\mathbf{w}$$
 =10 , h =80 , x =90 , y =0 , v =800

$$\le =42$$
 ,  $h=13$  ,  $x=0$  ,  $y=84$  ,  $v=546$ 

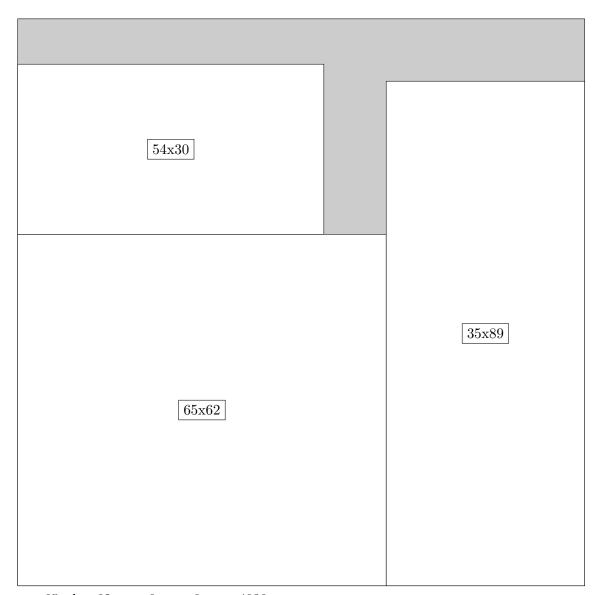


$$\le =53$$
 , h =82 , x =0 , y =0 , v =4346

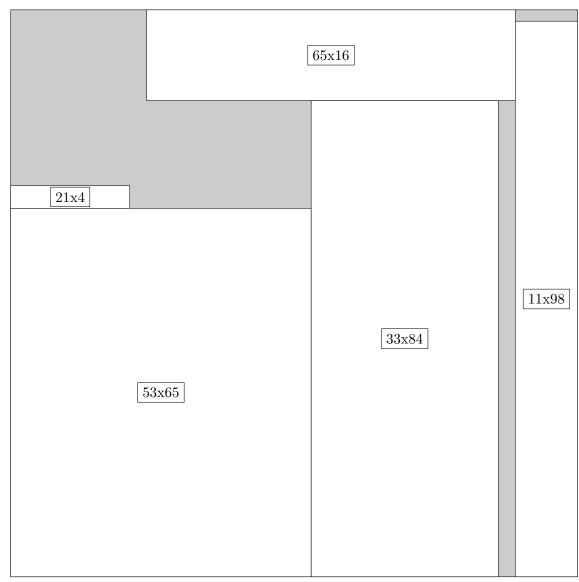
$$\le =47$$
 , h =89 , x =53 , y =0 , v =4183

$$w$$
 =92 , h =3 , x =8 , y =89 , v =276

$$w=\!22$$
 ,  $h=\!7$  ,  $x=\!31$  ,  $y=\!82$  ,  $v=\!154$ 



$$\begin{array}{l} w = \! 35 \ , \ h = \! 89 \ , \ x = \! 65 \ , \ y = \! 0 \ , \ v = \! 3115 \\ w = \! 54 \ , \ h = \! 30 \ , \ x = \! 0 \ , \ y = \! 62 \ , \ v = \! 1620 \end{array}$$



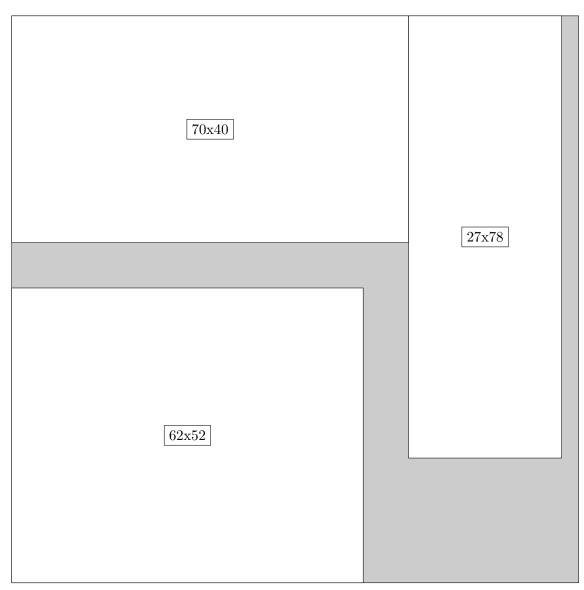
$$w = 53$$
,  $h = 65$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3445$ 

$$\le =33$$
 , h =84 , x =53 , y =0 , v =2772

$$\le =11$$
 , h =98 , x =89 , y =0 , v =1078

$$\le =65$$
 ,  $h=16$  ,  $x=24$  ,  $y=84$  ,  $v=1040$ 

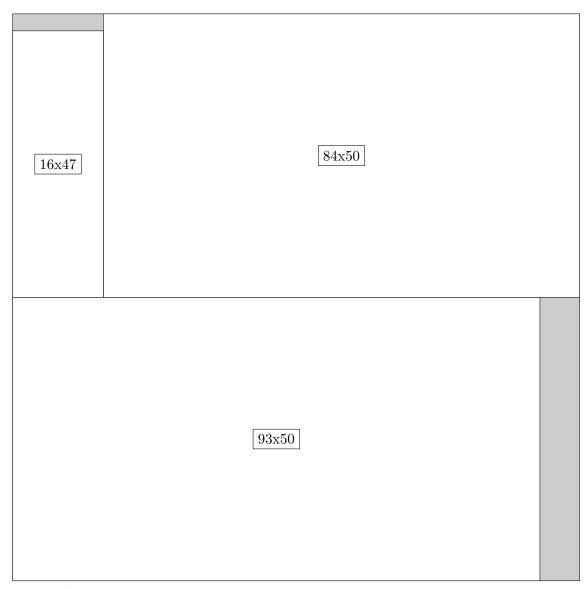
$$w = 21$$
,  $h = 4$ ,  $x = 0$ ,  $y = 65$ ,  $v = 84$ 



$$\mathbf{w}$$
 =62 , h =52 , x =0 , y =0 , v =3224

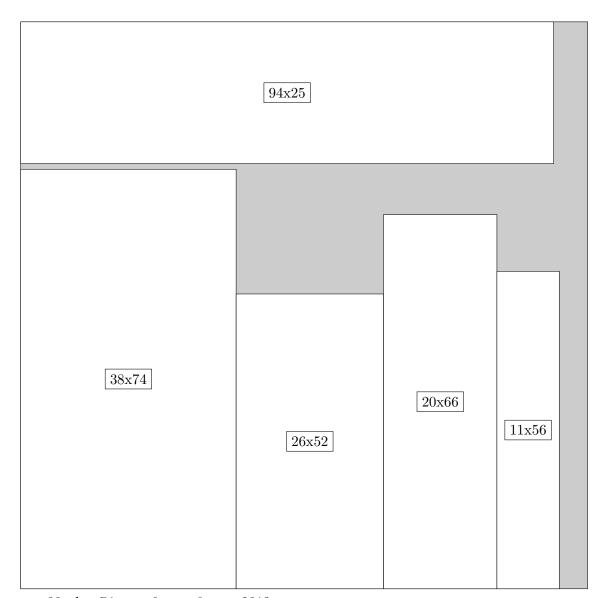
$$\le =70$$
 , h =40 , x =0 , y =60 , v =2800

$$\le =27$$
 , h =78 , x =70 , y =22 , v =2106



$$\begin{array}{l} w = \! 93 \ , \ h = \! 50 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4650 \\ w = \! 84 \ , \ h = \! 50 \ , \ x = \! 16 \ , \ y = \! 50 \ , \ v = \! 4200 \end{array}$$

$$\le =16$$
 ,  $h=47$  ,  $x=0$  ,  $y=50$  ,  $v=752$ 



$$\le =38$$
 , h =74 , x =0 , y =0 , v =2812

$$\le =94$$
 , h =25 , x =0 , y =75 , v =2350

$$\le =26$$
 ,  $h=52$  ,  $x=38$  ,  $y=0$  ,  $v=1352$ 

$$\le =20$$
 ,  $h=66$  ,  $x=64$  ,  $y=0$  ,  $v=1320$ 

$$\le =11$$
 ,  $h=56$  ,  $x=84$  ,  $y=0$  ,  $v=616$