${\bf ClassName:}~{\bf Class\_10.2bp\text{-}19}$ 

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>90000</u> InS: <u>71636</u> Rate: <u>0.796</u>

UB: <u>9</u> LB0: <u>9</u> LB: **9** 

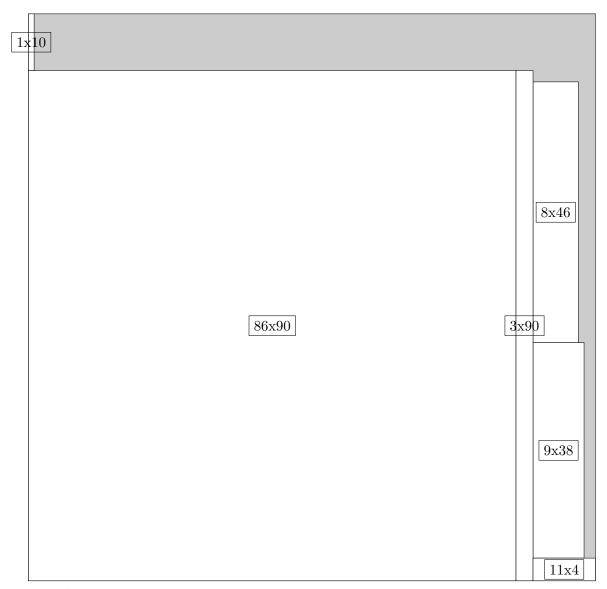
LBWithCut:  $\underline{\mathbf{9}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

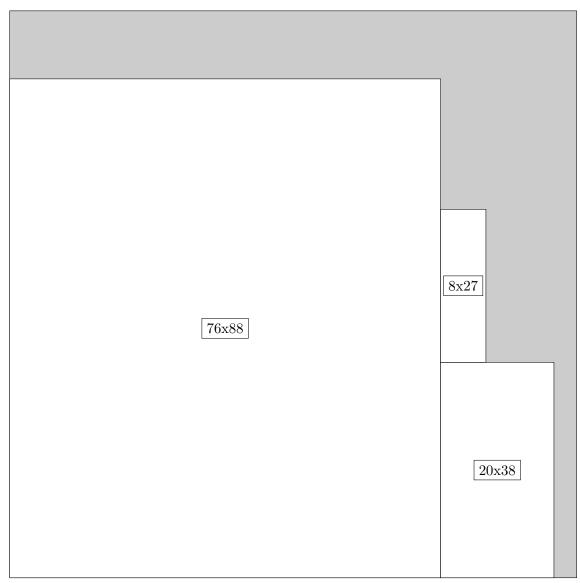
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{9}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

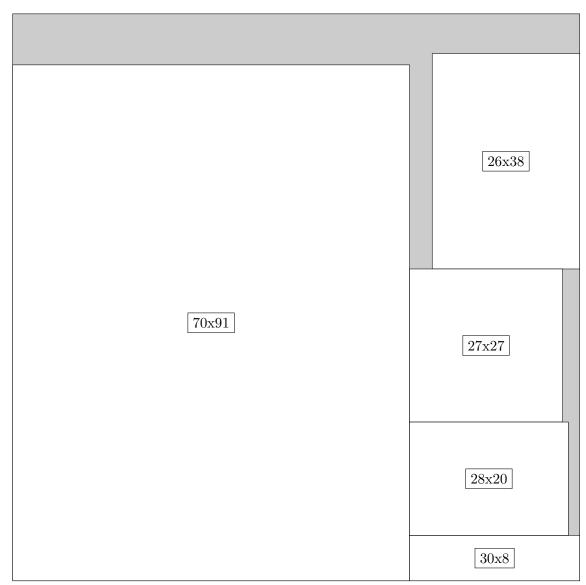
isOpt:  $\underline{\mathbf{true}}$ 

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.000 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.125 \ s} \\ \end{array}$ 



$$\begin{array}{l} w = & 86 \;, \; h = & 90 \;, \; x = & 0 \;, \; y = & 0 \;, \; v = & 7740 \\ w = & 8 \;, \; h = & 46 \;, \; x = & 89 \;, \; y = & 42 \;, \; v = & 368 \\ w = & 9 \;, \; h = & 38 \;, \; x = & 89 \;, \; y = & 4 \;, \; v = & 342 \\ w = & 3 \;, \; h = & 90 \;, \; x = & 86 \;, \; y = & 0 \;, \; v = & 270 \\ w = & 11 \;, \; h = & 4 \;, \; x = & 89 \;, \; y = & 0 \;, \; v = & 44 \\ w = & 1 \;, \; h = & 10 \;, \; x = & 0 \;, \; y = & 90 \;, \; v = & 10 \end{array}$$





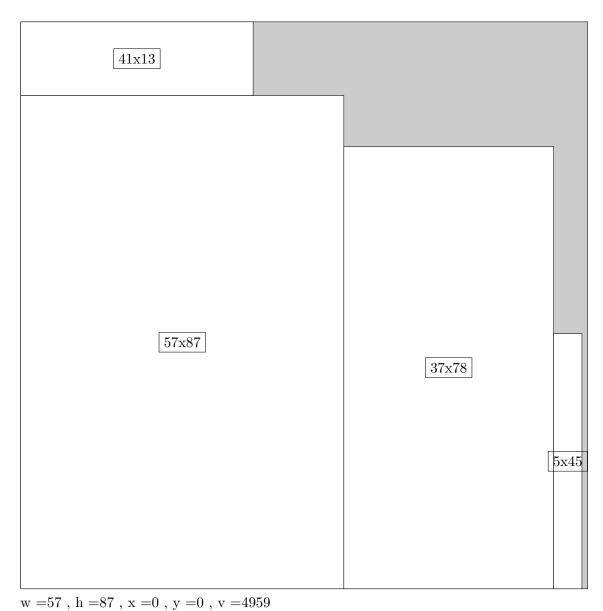
$$\mathbf{w}$$
 =70 , h =91 , x =0 , y =0 , v =6370

$$\le =26$$
 , h =38 , x =74 , y =55 , v =988

$$\le =27$$
 , h =27 , x =70 , y =28 , v =729

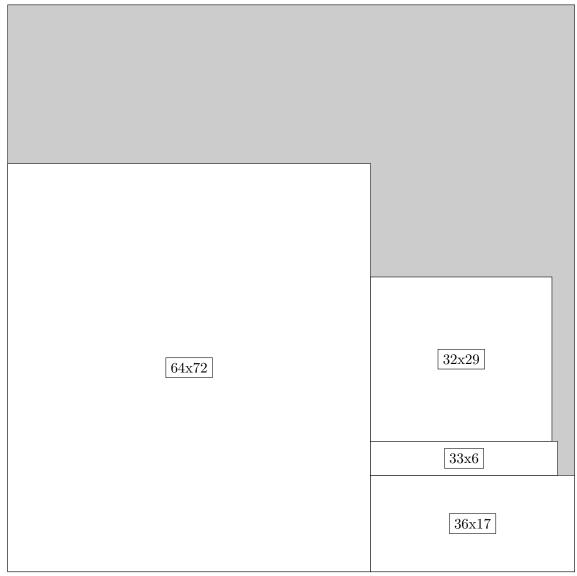
$$\le =30$$
 , h =8 , x =70 , y =0 , v =240

$$w=\!28$$
 ,  $h=\!20$  ,  $x=\!70$  ,  $y=\!8$  ,  $v=\!560$ 



$$\le =41$$
 , h =13 , x =0 , y =87 , v =533

$$w=\!5$$
 ,  $h=\!45$  ,  $x=\!94$  ,  $y=\!0$  ,  $v=\!225$ 

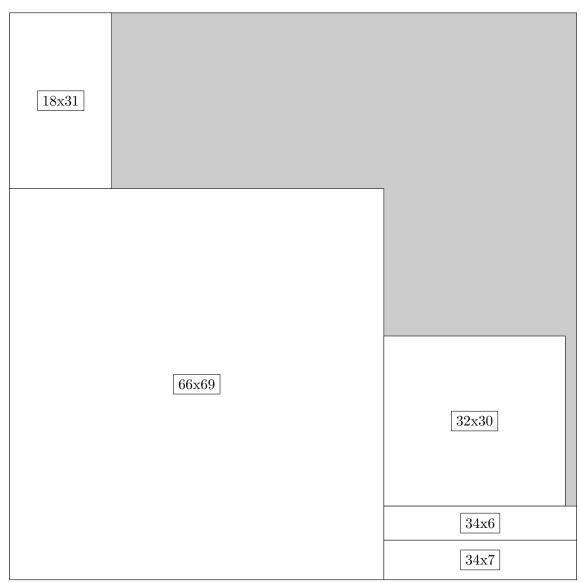


$$\mathbf{w}$$
 =64 , h =72 , x =0 , y =0 , v =4608

$$\le =32$$
 ,  $h=29$  ,  $x=64$  ,  $y=23$  ,  $v=928$ 

$$\le =36$$
 , h =17 , x =64 , y =0 , v =612

$$\le =33$$
 , h =6 , x =64 , y =17 , v =198

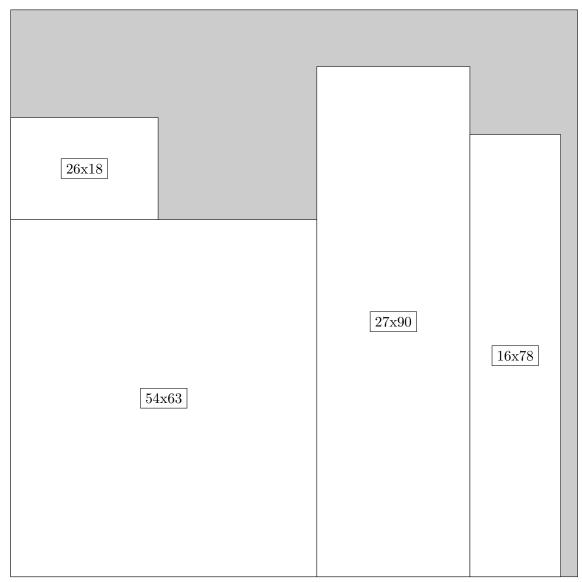


$$\le =66$$
 , h =69 , x =0 , y =0 , v =4554

$$\le =32$$
 , h =30 , x =66 , y =13 , v =960

$$\le =18$$
 , h =31 , x =0 , y =69 , v =558

$$w = 34$$
,  $h = 7$ ,  $x = 66$ ,  $y = 0$ ,  $v = 238$ 

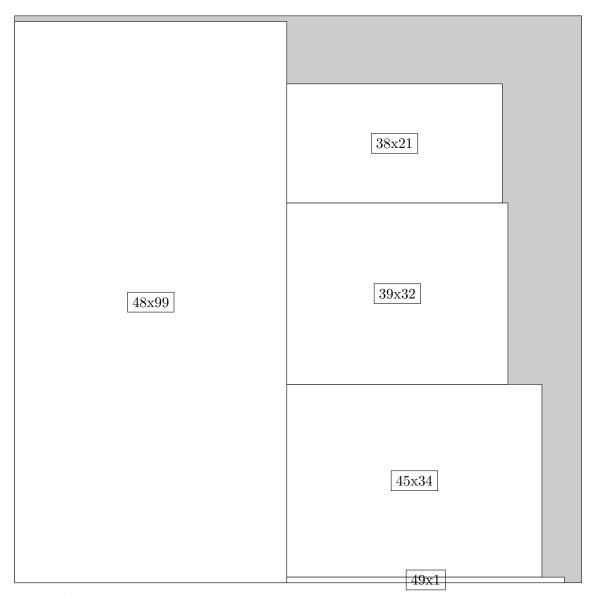


$$\mathbf{w}$$
 =54 , h =63 , x =0 , y =0 , v =3402

$$\le =27$$
 , h =90 , x =54 , y =0 , v =2430

$$\le =16$$
 ,  $h$  =78 ,  $x$  =81 ,  $y$  =0 ,  $v$  =1248

$$\mathbf{w}$$
 =26 , h =18 , x =0 , y =63 , v =468



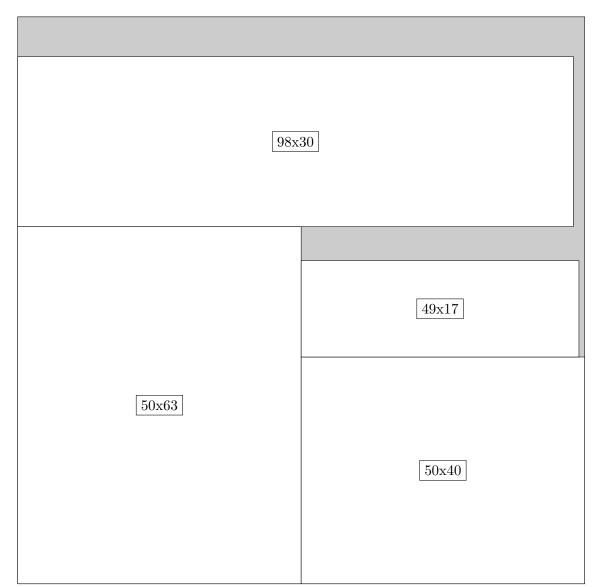
$$w = 48$$
,  $h = 99$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4752$ 

$$\le =45$$
 , h =34 , x =48 , y =1 , v =1530

$$\le =39$$
 , h =32 , x =48 , y =35 , v =1248

$$\le =38$$
 , h =21 , x =48 , y =67 , v =798

$$\mathbf{w}$$
 =49 , h =1 , x =48 , y =0 , v =49



$$\le =50$$
 , h =63 , x =0 , y =0 , v =3150

$$\le =98$$
 , h =30 , x =0 , y =63 , v =2940

$$\le =50$$
 , h =40 , x =50 , y =0 , v =2000

$$\le =49$$
 , h =17 , x =50 , y =40 , v =833