ClassName:  $Class\_05.2bp-1$ 

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

TypeNum:  $\underline{20}$ Num:  $\underline{20}$ OutS:  $\underline{50000}$ InS:  $\underline{32367}$ Rate:  $\underline{0.647}$ 

UB: <u>5</u> LB0: <u>5</u> LB: <u>5</u>

LBWithCut:  $\underline{\mathbf{5}}$  NodeCut:  $\underline{\mathbf{0}}$ 

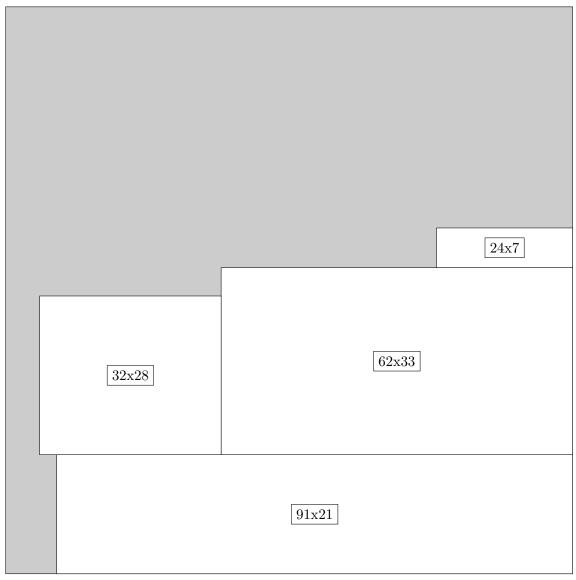
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{5}}$ 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: 0.078 sTotalTime: 600.375 s

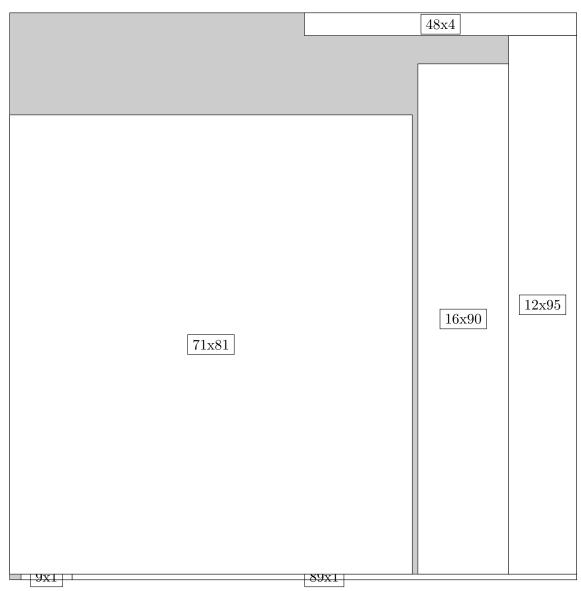


$$\mathbf{w}$$
 =91 , h =21 , x =9 , y =0 , v =1911

$$\le =62$$
 , h =33 , x =38 , y =21 , v =2046

$$\le =32$$
 , h =28 , x =6 , y =21 , v =896

$$\le =24$$
 , h =7 , x =76 , y =54 , v =168



$$w$$
 =89 , h =1 , x =11 , y =0 , v =89

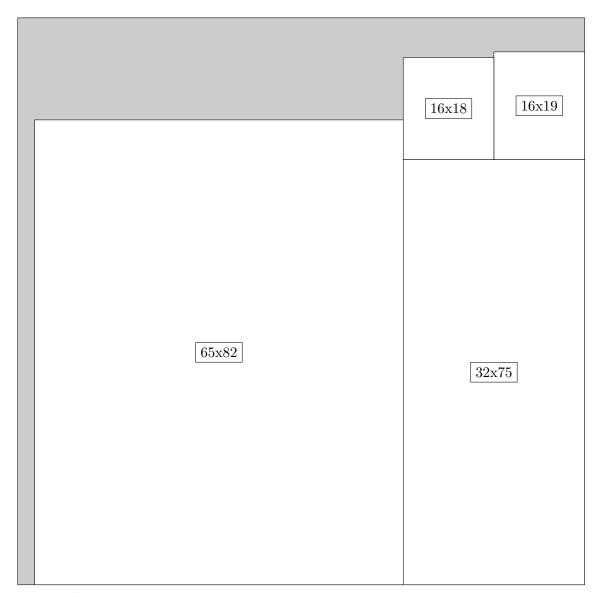
$$\mathbf{w}$$
 =9 , h =1 , x =2 , y =0 , v =9

$$\le =12$$
 , h =95 , x =88 , y =1 , v =1140

$$w = 16$$
,  $h = 90$ ,  $x = 72$ ,  $y = 1$ ,  $v = 1440$ 

$$w$$
 =71 ,  $h$  =81 ,  $x$  =0 ,  $y$  =1 ,  $v$  =5751

$$\mathbf{w}$$
 =48 , h =4 , x =52 , y =96 , v =192

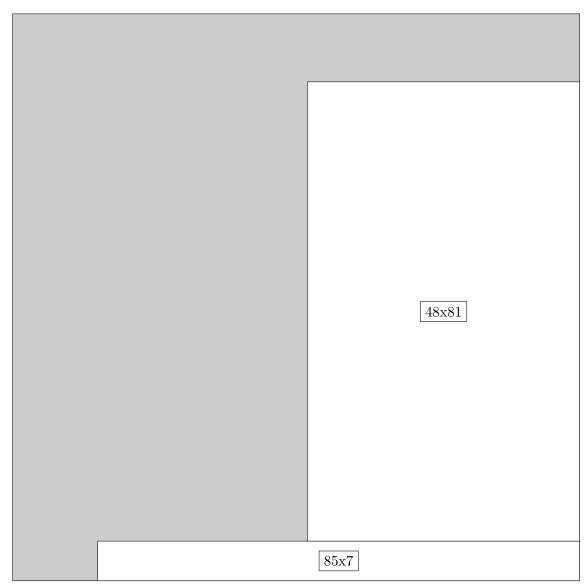


$$\le =32$$
 , h =75 , x =68 , y =0 , v =2400

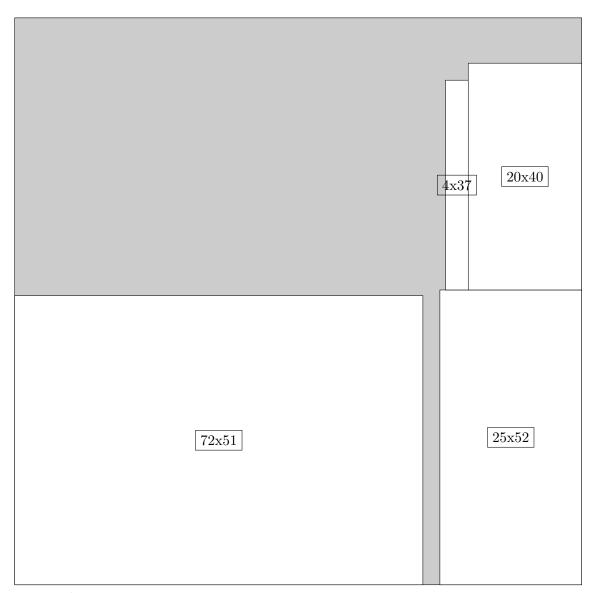
$$w$$
 =16 ,  $h$  =19 ,  $x$  =84 ,  $y$  =75 ,  $v$  =304

$$\le =16$$
 ,  $h=18$  ,  $x=68$  ,  $y=75$  ,  $v=288$ 

$$\le =65$$
 , h =82 , x =3 , y =0 , v =5330



$$\begin{array}{l} w = \! 85 \ , \ h = \! 7 \ , \ x = \! 15 \ , \ y = \! 0 \ , \ v = \! 595 \\ w = \! 48 \ , \ h = \! 81 \ , \ x = \! 52 \ , \ y = \! 7 \ , \ v = \! 3888 \end{array}$$



 $\begin{array}{l} w = \! 25 \ , \ h = \! 52 \ , \ x = \! 75 \ , \ y = \! 0 \ , \ v = \! 1300 \\ w = \! 20 \ , \ h = \! 40 \ , \ x = \! 80 \ , \ y = \! 52 \ , \ v = \! 800 \\ w = \! 4 \ , \ h = \! 37 \ , \ x = \! 76 \ , \ y = \! 52 \ , \ v = \! 148 \\ w = \! 72 \ , \ h = \! 51 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3672 \end{array}$