$ClassName: \ Class\_05.2bp\text{-}15$ 

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>120000</u> InS: <u>87773</u> Rate: <u>0.731</u> UB: <u>12</u> LB0: <u>12</u>

 $\begin{array}{c} -\overline{\phantom{0}}\\ LBWithCut: \ \underline{\bf 12}\\ NodeCut: \ \underline{\bf 0} \end{array}$ 

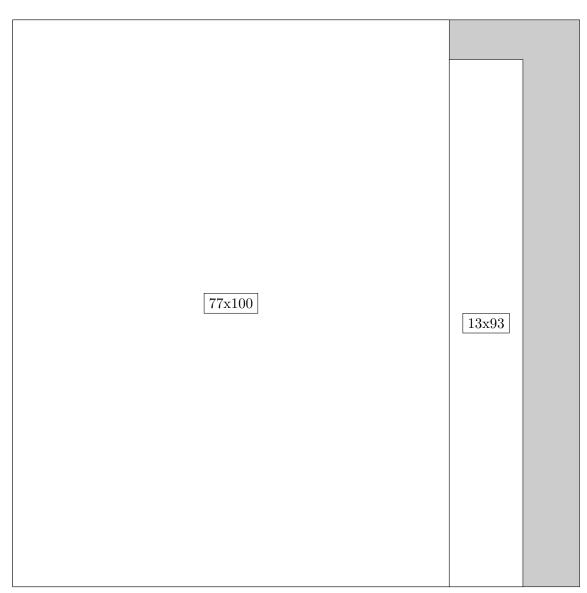
LB: **12** 

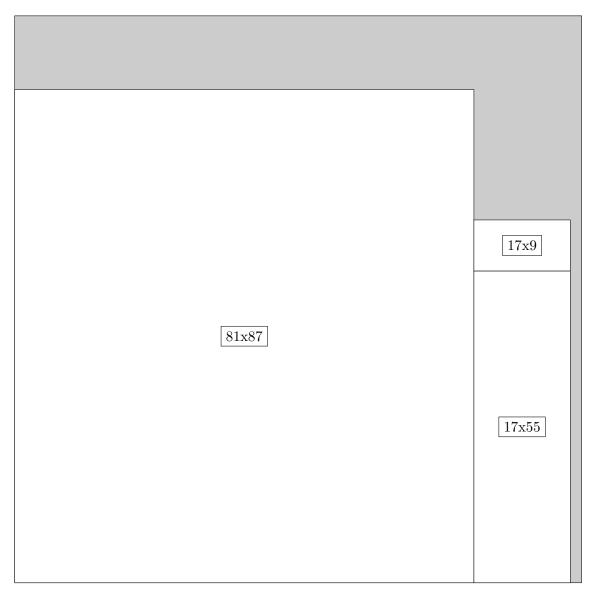
 $\operatorname{ExtendedNodeCnt}$ :  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{12}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

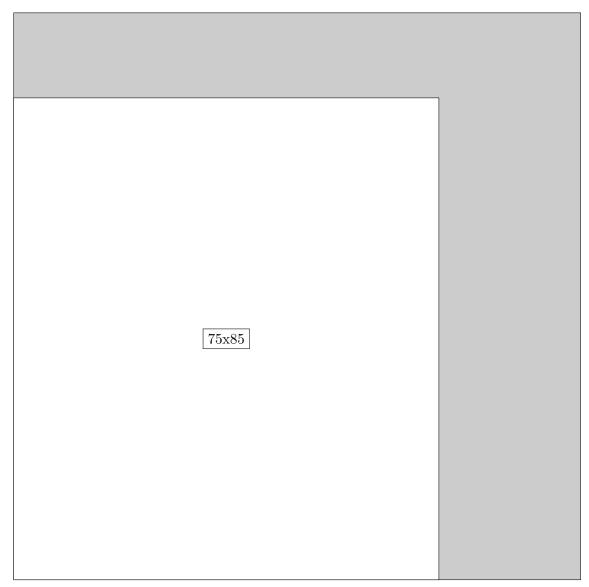
isOpt:  $\underline{\mathbf{true}}$ 

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.125 s

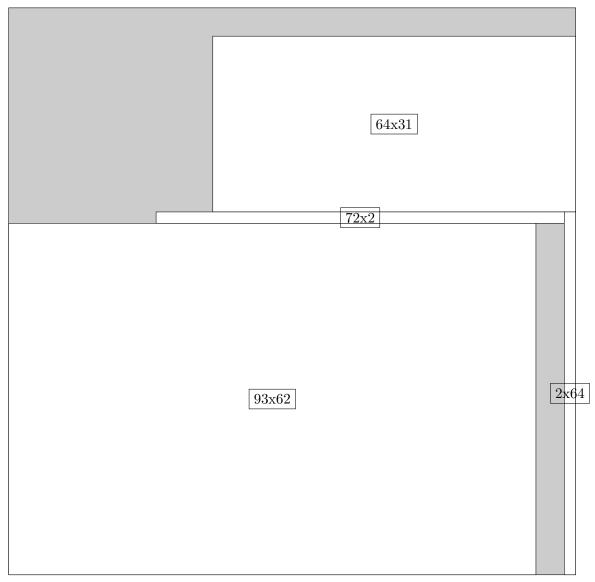




$$\begin{array}{l} w = \! 81 \; , \; h = \! 87 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 7047 \\ w = \! 17 \; , \; h = \! 55 \; , \; x = \! 81 \; , \; y = \! 0 \; , \; v = \! 935 \\ w = \! 17 \; , \; h = \! 9 \; , \; x = \! 81 \; , \; y = \! 55 \; , \; v = \! 153 \end{array}$$



w = 75, h = 85, x = 0, y = 0, v = 6375

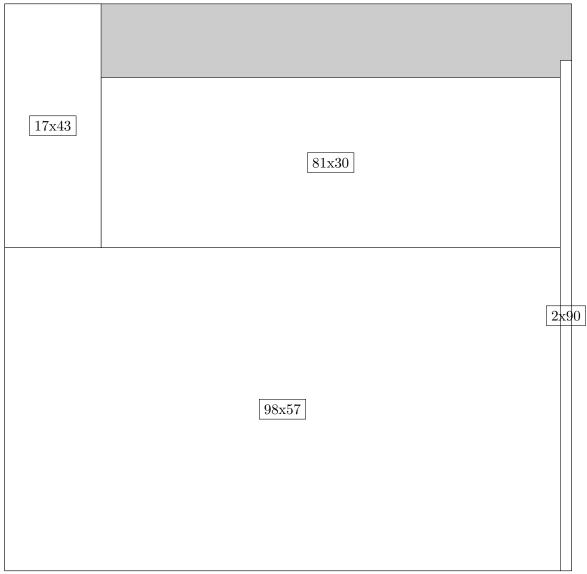


w =93 , h =62 , x =0 , y =0 , v =5766

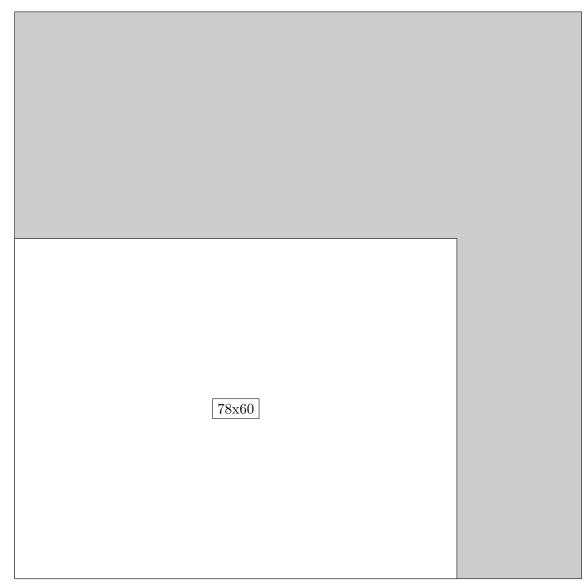
 $\le =64$  , h =31 , x =36 , y =64 , v =1984

w =72 , h =2 , x =26 , y =62 , v =144

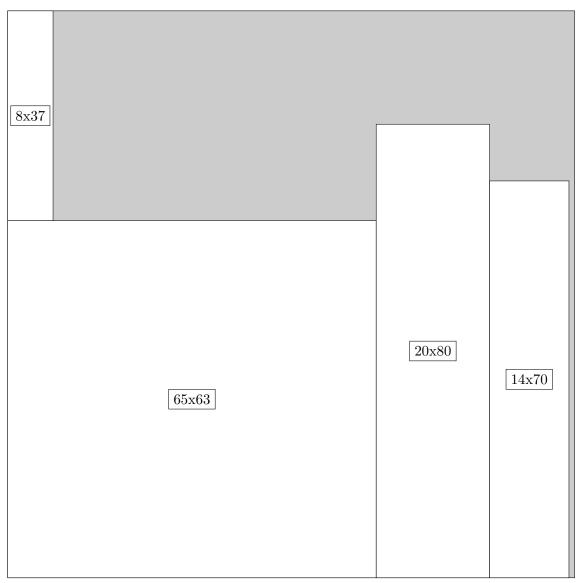
w =2 , h =64 , x =98 , y =0 , v =128



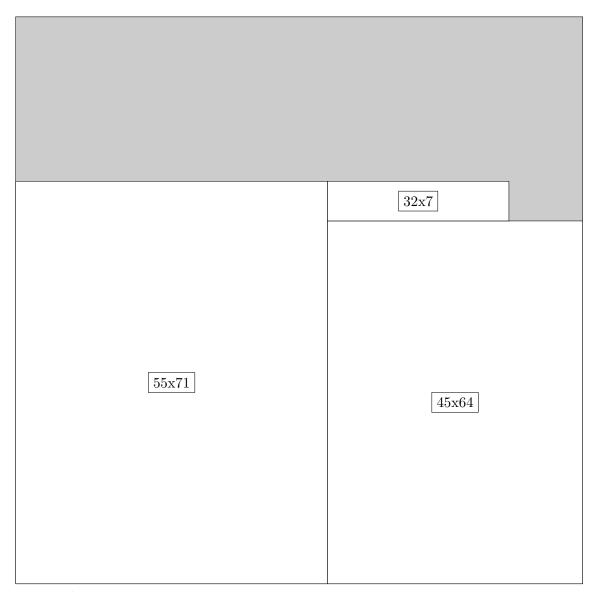
$$\begin{array}{l} w = 98 \;, \; h = \!\!57 \;, \; x = \!\!0 \;, \; y = \!\!0 \;, \; v = \!\!5586 \\ w = \!\!81 \;, \; h = \!\!30 \;, \; x = \!\!17 \;, \; y = \!\!57 \;, \; v = \!\!2430 \\ w = \!\!2 \;, \; h = \!\!90 \;, \; x = \!\!98 \;, \; y = \!\!0 \;, \; v = \!\!180 \\ w = \!\!17 \;, \; h = \!\!43 \;, \; x = \!\!0 \;, \; y = \!\!57 \;, \; v = \!\!731 \end{array}$$



w = 78, h = 60, x = 0, y = 0, v = 4680

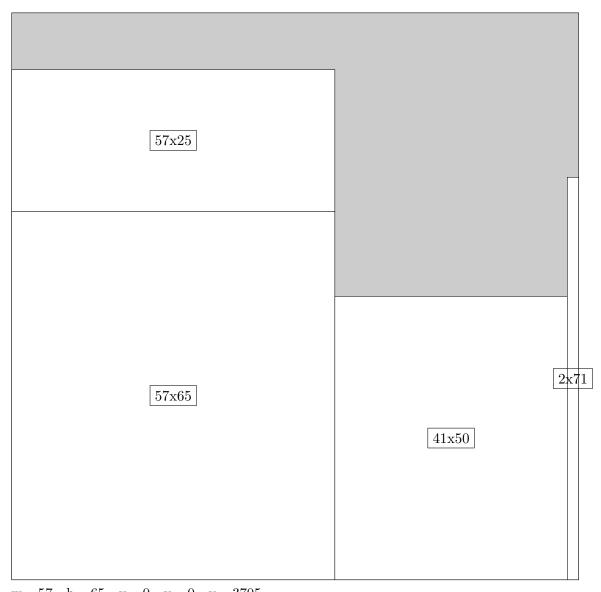


 $\begin{array}{l} w = \!65 \ , \ h = \!63 \ , \ x = \!0 \ , \ y = \!0 \ , \ v = \!4095 \\ w = \!20 \ , \ h = \!80 \ , \ x = \!65 \ , \ y = \!0 \ , \ v = \!1600 \\ w = \!14 \ , \ h = \!70 \ , \ x = \!85 \ , \ y = \!0 \ , \ v = \!980 \\ w = \!8 \ , \ h = \!37 \ , \ x = \!0 \ , \ y = \!63 \ , \ v = \!296 \end{array}$ 



w =55 , h =71 , x =0 , y =0 , v =3905 w =45 , h =64 , x =55 , y =0 , v =2880

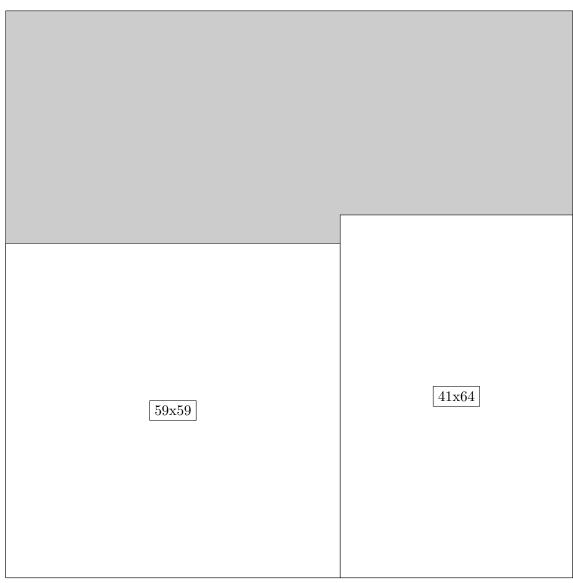
 $\le =32$  , h =7 , x =55 , y =64 , v =224



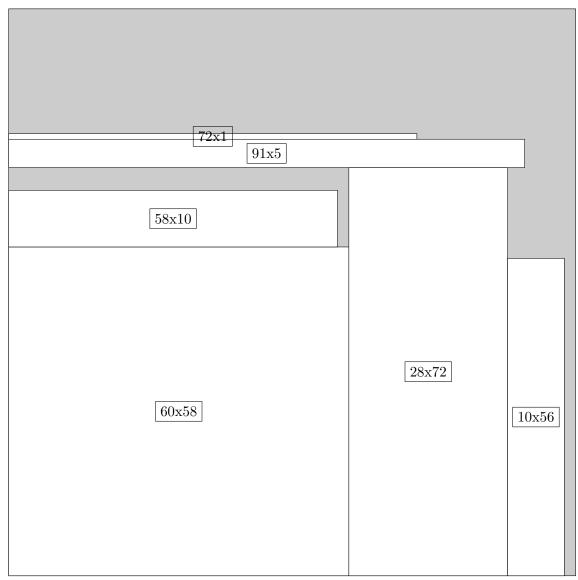
 $\begin{array}{c} w = \!\! 57 \;, \; h = \!\! 65 \;, \; x = \!\! 0 \;, \; y = \!\! 0 \;, \; v = \!\! 3705 \\ w = \!\! 41 \;, \; h = \!\! 50 \;, \; x = \!\! 57 \;, \; y = \!\! 0 \;, \; v = \!\! 2050 \\ \end{array}$ 

 $\le =57$  , h = 25 , x =0 , y = 65 , v = 1425

 $\mathbf{w}$  =2 , h =71 , x =98 , y =0 , v =142



$$\begin{array}{c} w = 59 \; , \; h = 59 \; , \; x = 0 \; , \; y = 0 \; , \; v = 3481 \\ w = 41 \; , \; h = 64 \; , \; x = 59 \; , \; y = 0 \; , \; v = 2624 \\ \end{array}$$



$$w = 60$$
,  $h = 58$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3480$ 

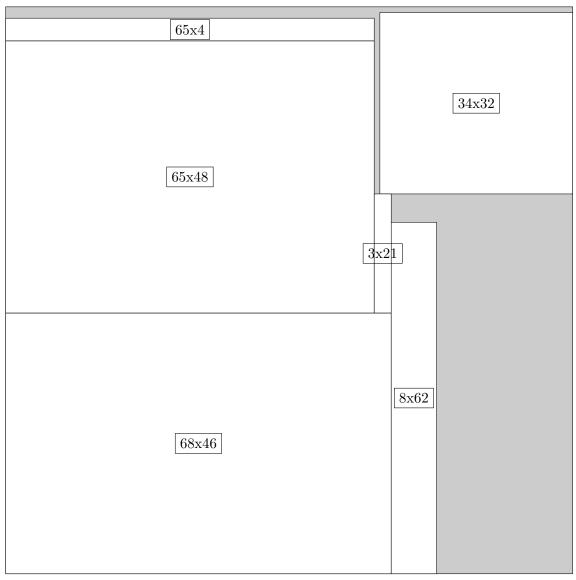
$$\le =28$$
 ,  $h$  =72 ,  $x$  =60 ,  $y$  =0 ,  $v$  =2016

$$\le =58$$
 ,  $h$  =10 ,  $x$  =0 ,  $y$  =58 ,  $v$  =580

$$w = 10$$
,  $h = 56$ ,  $x = 88$ ,  $y = 0$ ,  $v = 560$ 

$$\le =91$$
 , h =5 , x =0 , y =72 , v =455

$$\mathbf{w}$$
 =72 , h =1 , x =0 , y =77 , v =72



$$w = 68$$
,  $h = 46$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3128$ 

$$w = 65$$
,  $h = 48$ ,  $x = 0$ ,  $y = 46$ ,  $v = 3120$ 

$$\le =34$$
 , h =32 , x =66 , y =67 , v =1088

$$w$$
 =8 , h =62 , x =68 , y =0 , v =496

$$\le =65$$
 , h =4 , x =0 , y =94 , v =260

$$w$$
 =3 , h =21 , x =65 , y =46 , v =63