$ClassName: \ Class\_09.2bp-5$ 

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

TypeNum: <u>20</u> Num: <u>20</u> OutS: <u>140000</u> InS: <u>97729</u> Rate: <u>0.698</u> UB: <u>14</u> LB0: <u>14</u>

LB0: <u>14</u> LB: <u>14</u>

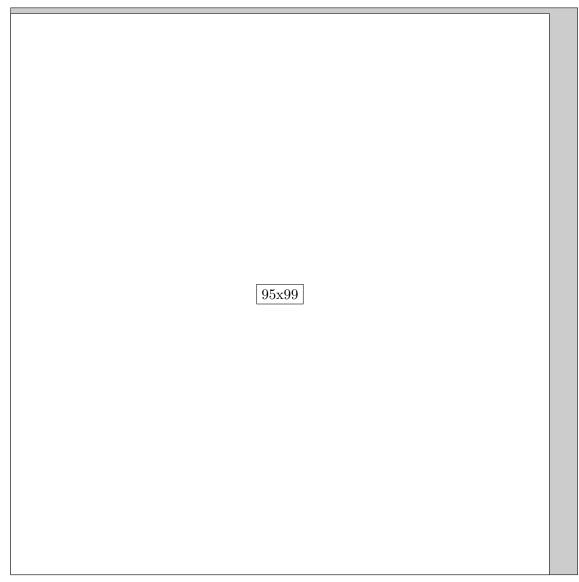
LBWithCut:  $\underline{\mathbf{14}}$ NodeCut:  $\underline{\mathbf{0}}$ 

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

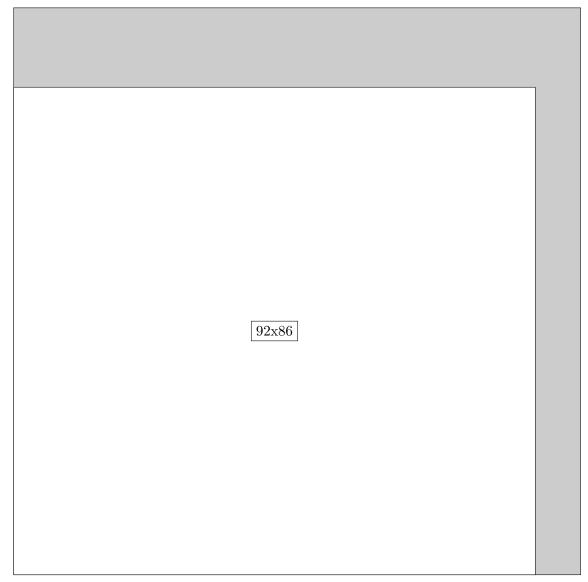
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{14}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

is Opt:  $\underline{\mathbf{true}}$ 

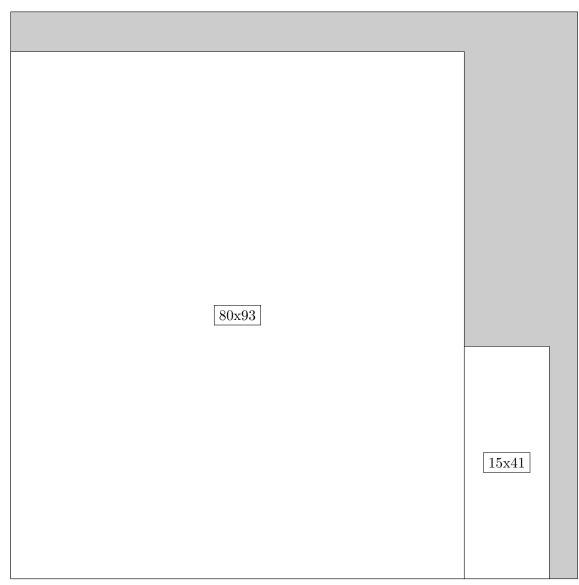
TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{0.000 \text{ s}}$ TimeOnRmp:  $\underline{0.078 \text{ s}}$ TotalTime:  $\underline{0.140 \text{ s}}$ 

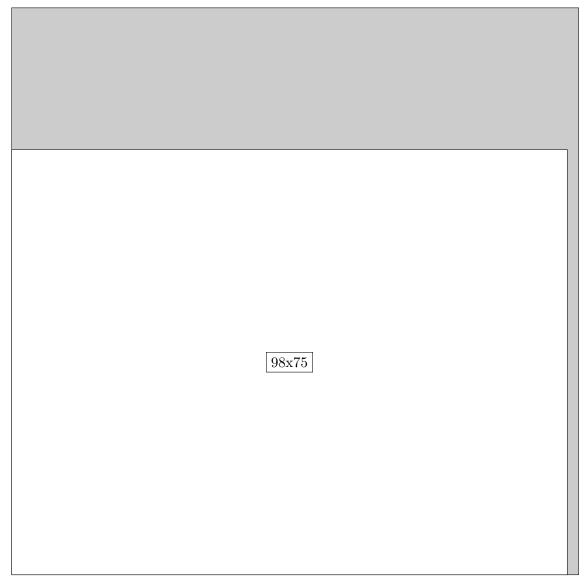


 $\le =95$  , h =99 , x =0 , y =0 , v =9405

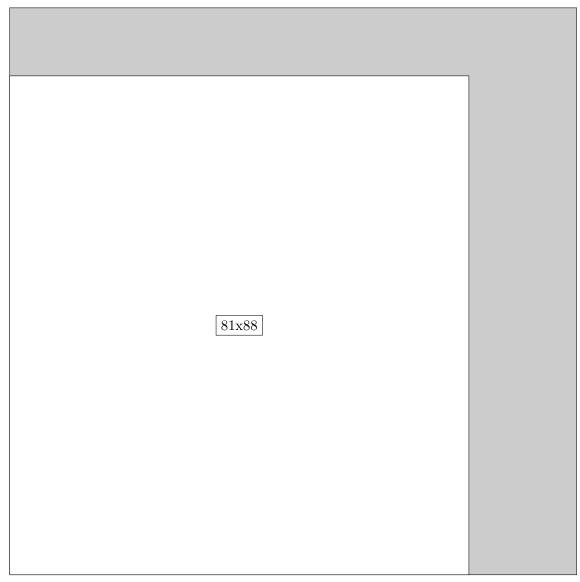


 $\le =92$  , h =86 , x =0 , y =0 , v =7912

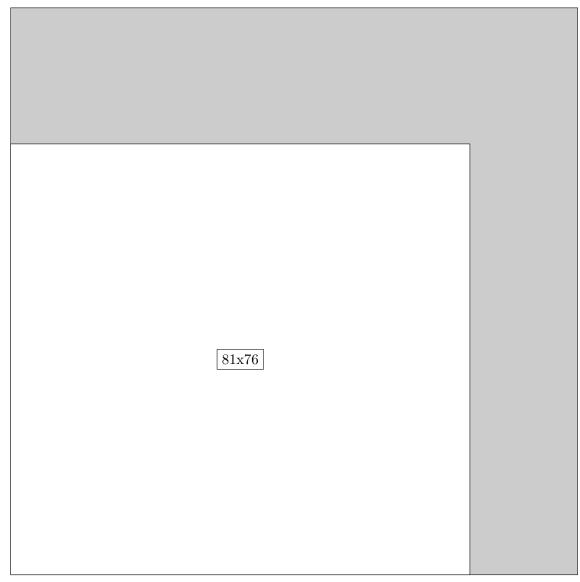




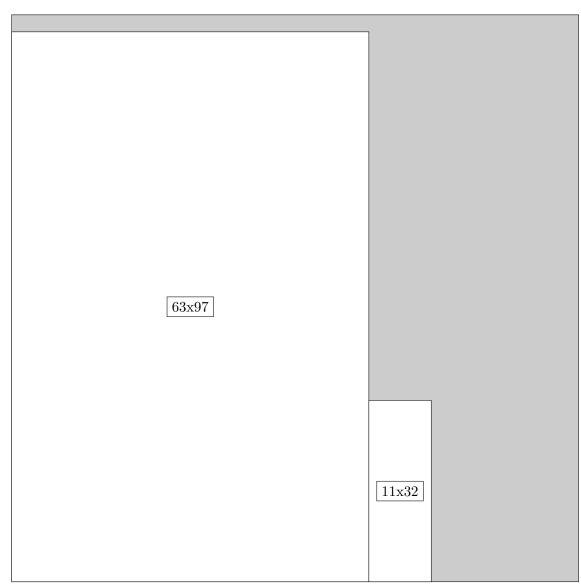
 $\le =98$  , h =75 , x =0 , y =0 , v =7350

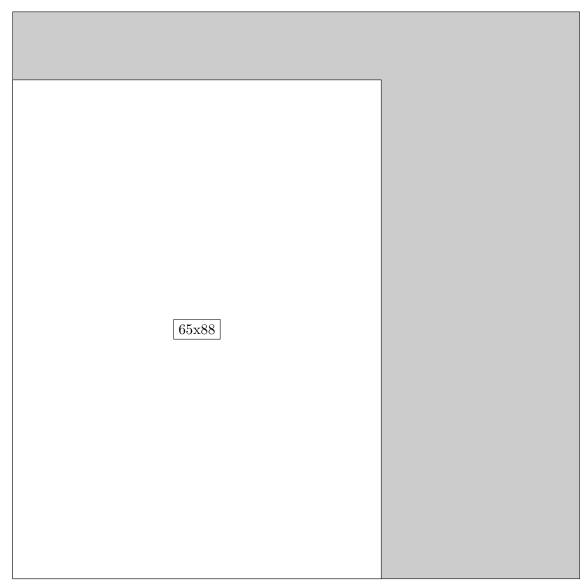


 $\le =81$  , h=88 , x=0 , y=0 , v=7128

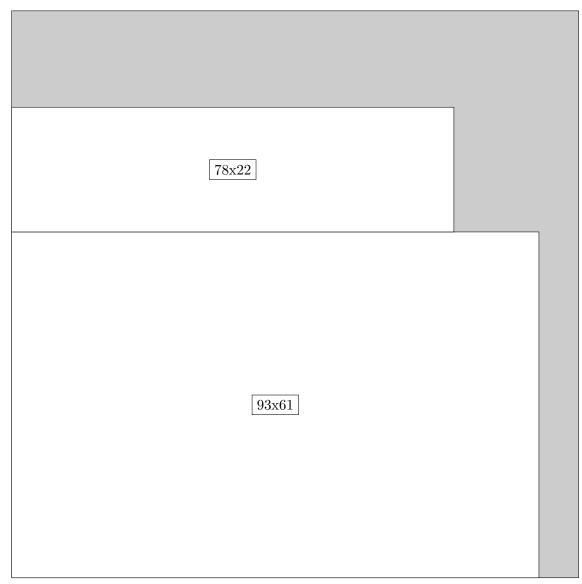


 $\overline{\mathrm{w}}$  =81 , h =76 , x =0 , y =0 , v =6156

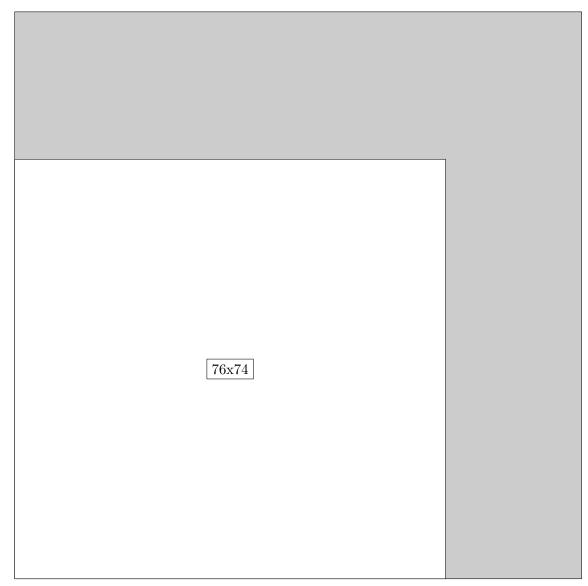




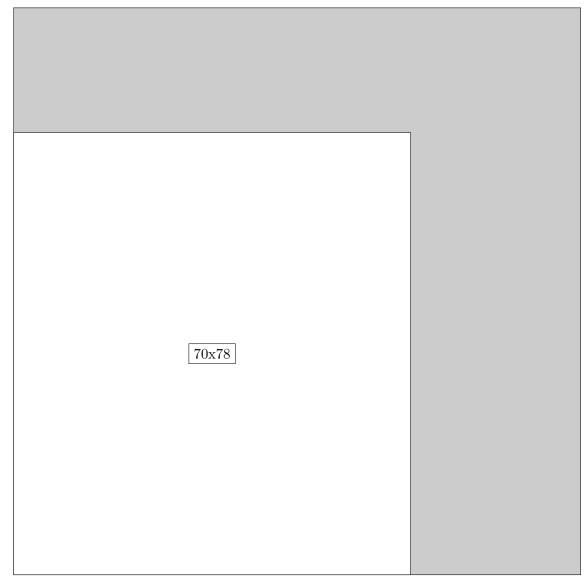
w = 65, h = 88, x = 0, y = 0, v = 5720



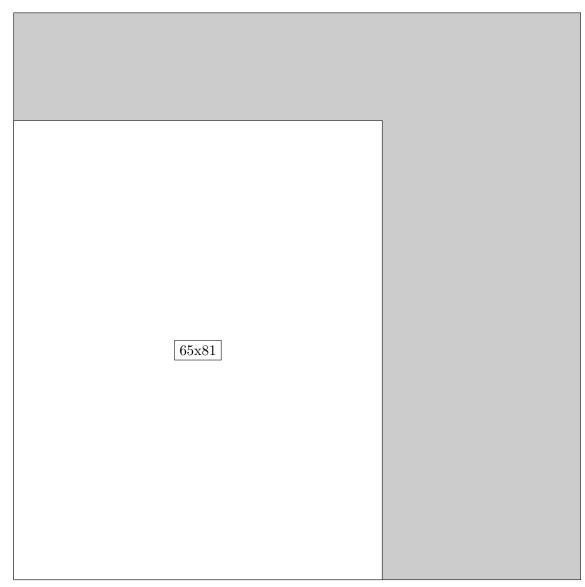
$$\begin{array}{l} w = \! 93 \ , \ h = \! 61 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5673 \\ w = \! 78 \ , \ h = \! 22 \ , \ x = \! 0 \ , \ y = \! 61 \ , \ v = \! 1716 \end{array}$$



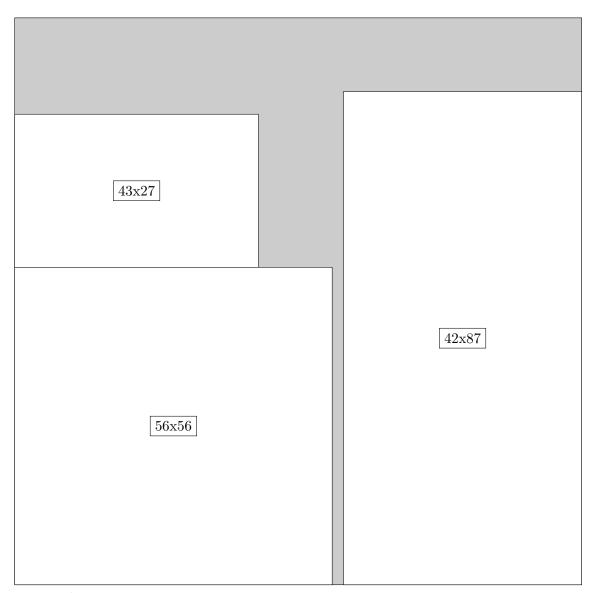
 $\mathbf{w}$  =76 , h =74 , x =0 , y =0 , v =5624



w = 70, h = 78, x = 0, y = 0, v = 5460



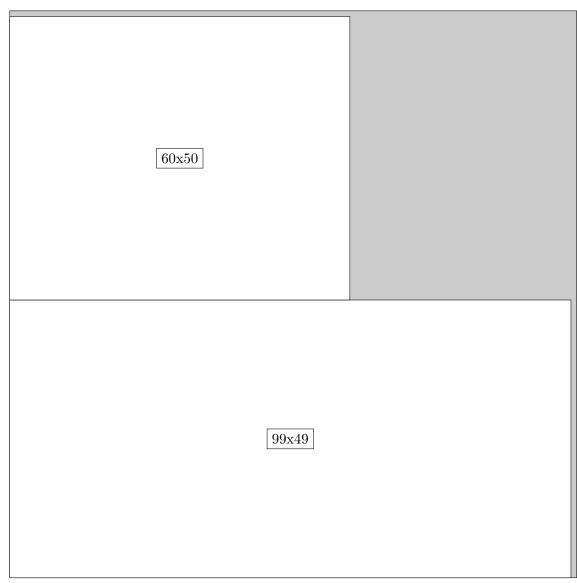
 $\le =65$  , h  $=\!81$  , x  $=\!0$  , y  $=\!0$  , v  $=\!5265$ 



$$\le =42$$
 ,  $h$  =87 ,  $x$  =58 ,  $y$  =0 ,  $v$  =3654

$$\le =43$$
 , h =27 , x =0 , y =  
56 , v =1161

$$\le =56$$
 , h =  
56 , x =0 , y =  
0 , v =  
3136



$$\begin{array}{c} w = 99 \; , \; h = 49 \; , \; x = 0 \; , \; y = 0 \; , \; v = \!\! 4851 \\ w = \!\! 60 \; , \; h = \!\! 50 \; , \; x = \!\! 0 \; , \; y = \!\! 49 \; , \; v = \!\! 3000 \\ \end{array}$$