$ClassName: \ Class_09.2bp-9$

BinSize: 100×100 ReduceSize: 100×100

TypeNum: 20 Num: **20** OutS: 130000InS: 77356Rate: 0.595UB: **13**

LB0: **13** LB: **13**

LBWithCut: 13 NodeCut: **0**

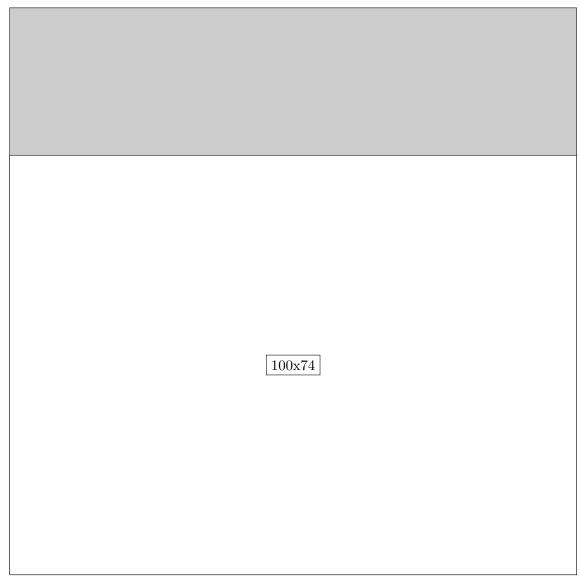
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\mathbf{1}$ PrimalNode: $\mathbf{0}$ ColumnCount: 13 $TotalCutCount: \ \mathbf{0}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

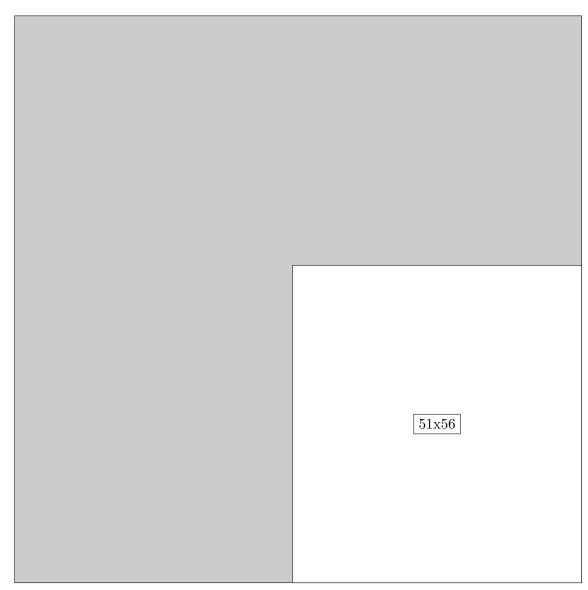
isOpt: $\underline{\mathbf{true}}$

TimeOnInitSolution: $\underline{600.000 \text{ s}}$

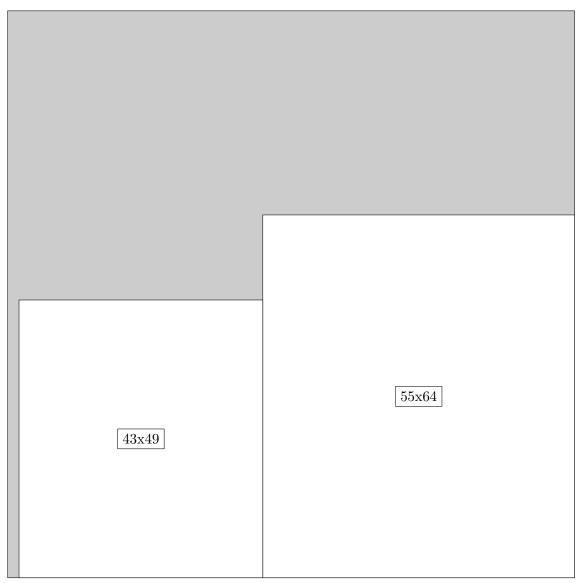
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 s TimeOnRmp: 0.078 sTotal Time: 600.328 s

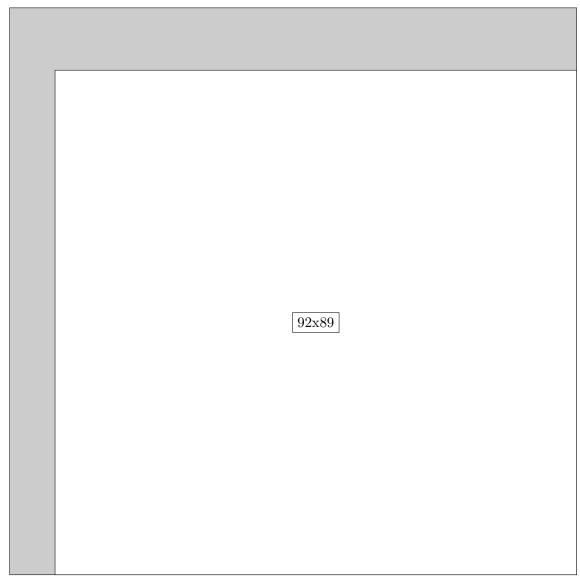


 ≤ 100 , h =74 , x =0 , y =0 , v =7400

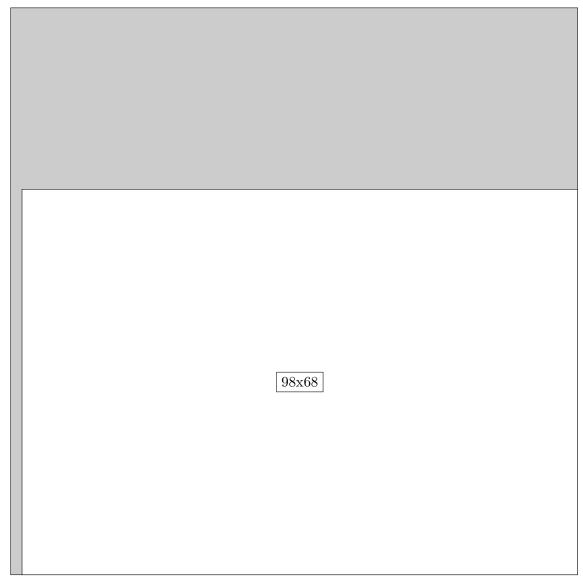


 $\le =51$, h = 56 , x = 49 , y = 0 , v = 2856

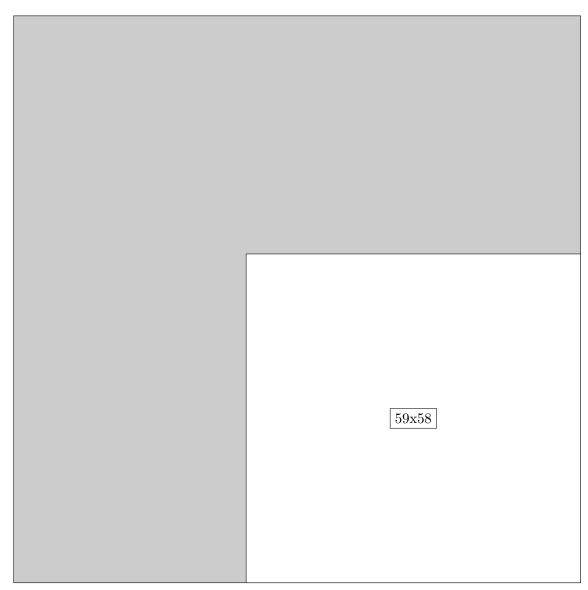




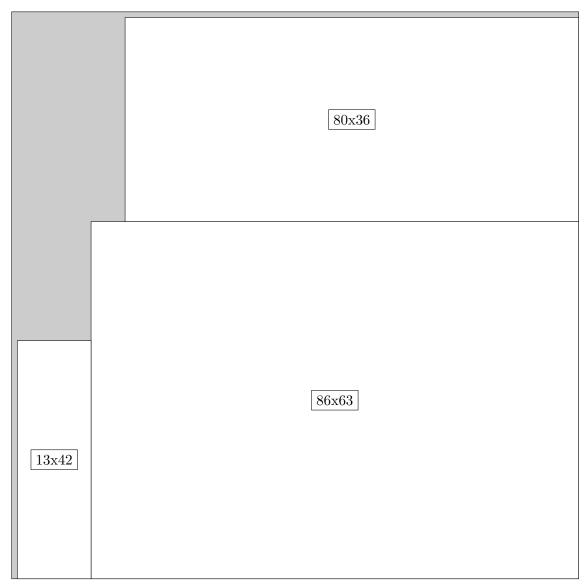
 $\le =92$, h =89 , x =8 , y =0 , v =8188



 $\le =98$, h =68 , x =2 , y =0 , v =6664



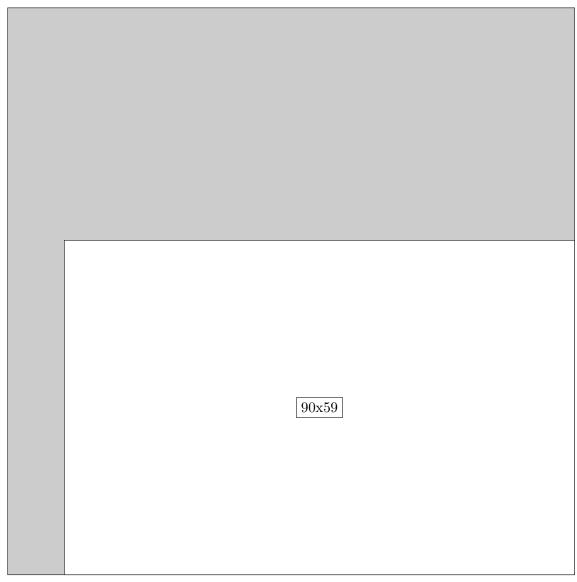
 $\le =59$, h =58 , x =41 , y =0 , v =3422



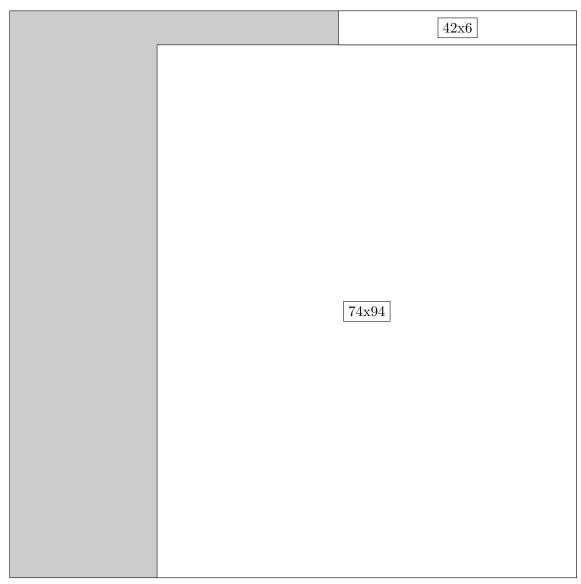
$$w$$
 =86 , h =63 , x =14 , y =0 , v =5418

$$\mathbf{w}$$
 =13 , h =42 , x =1 , y =0 , v =546

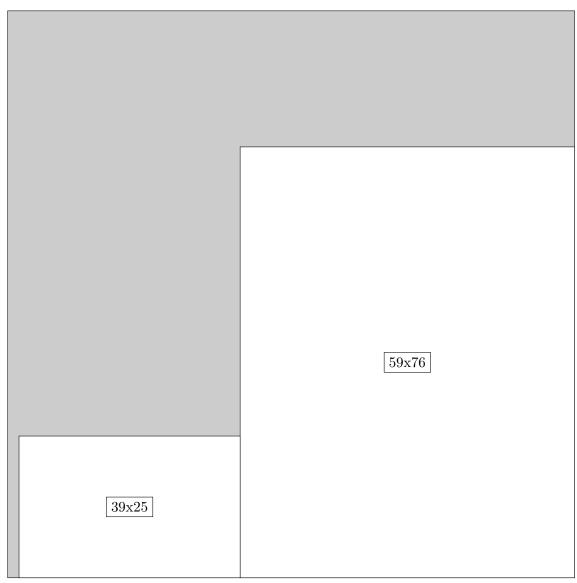
$$\le =80$$
 , h =36 , x =20 , y =63 , v =2880



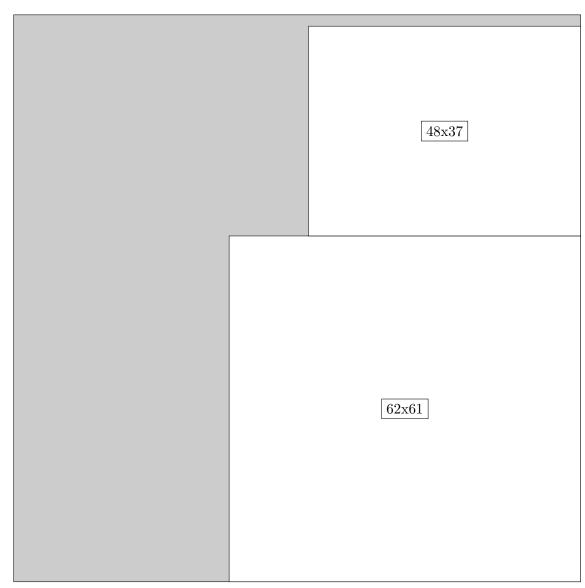
 $\le =90$, h =59 , x =10 , y =0 , v =5310



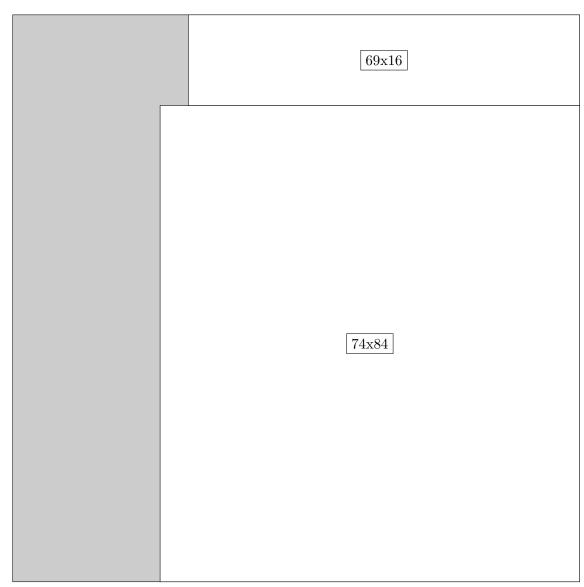
$$\begin{array}{l} w = \!\!\!\! 74 \ , \ h = \!\!\!\! 94 \ , \ x = \!\!\!\! 26 \ , \ y = \!\!\!\! 0 \ , \ v = \!\!\!\! 6956 \\ w = \!\!\!\! 42 \ , \ h = \!\!\!\! 6 \ , \ x = \!\!\!\! 58 \ , \ y = \!\!\!\! 94 \ , \ v = \!\!\!\! 252 \end{array}$$



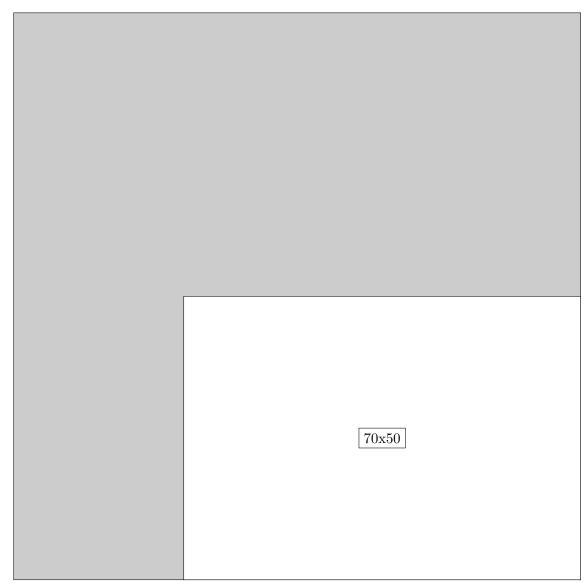
$$\begin{array}{l} w = \!59 \ , \ h = \!76 \ , \ x = \!41 \ , \ y = \!0 \ , \ v = \!4484 \\ w = \!39 \ , \ h = \!25 \ , \ x = \!2 \ , \ y = \!0 \ , \ v = \!975 \end{array}$$



$$\begin{array}{l} w = \!\!62 \; , \; h = \!\!61 \; , \; x = \!\!38 \; , \; y = \!\!0 \; , \; v = \!\!3782 \\ w = \!\!48 \; , \; h = \!\!37 \; , \; x = \!\!52 \; , \; y = \!\!61 \; , \; v = \!\!1776 \end{array}$$



$$\begin{array}{l} w = 74 \ , \ h = \!\! 84 \ , \ x = \!\! 26 \ , \ y = \!\! 0 \ , \ v = \!\! 6216 \\ w = \!\! 69 \ , \ h = \!\! 16 \ , \ x = \!\! 31 \ , \ y = \!\! 84 \ , \ v = \!\! 1104 \end{array}$$



 $\le =70$, h =50 , x =30 , y =0 , v =3500