$ClassName: \ Class_09.2bp-9$

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

TypeNum: <u>20</u>
Num: <u>20</u>
OutS: <u>130000</u>
InS: <u>77356</u>
Rate: <u>0.595</u>
UB: <u>13</u>
LB0: <u>13</u>
LB: <u>13</u>

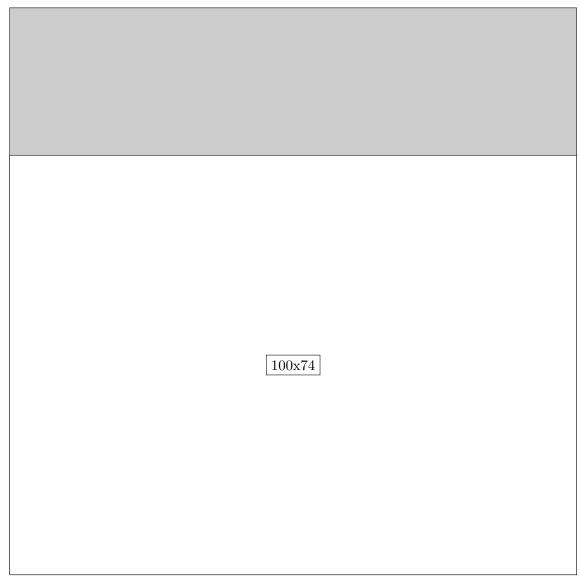
LBWithCut: $\underline{\bf 13}$ NodeCut: $\underline{\bf 0}$

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

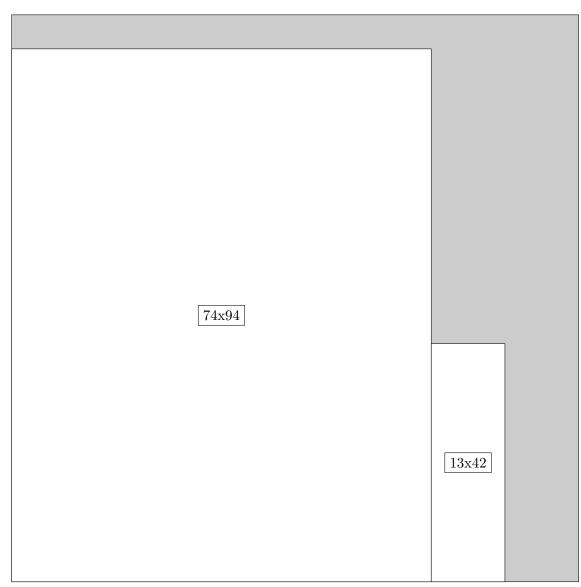
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{13}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

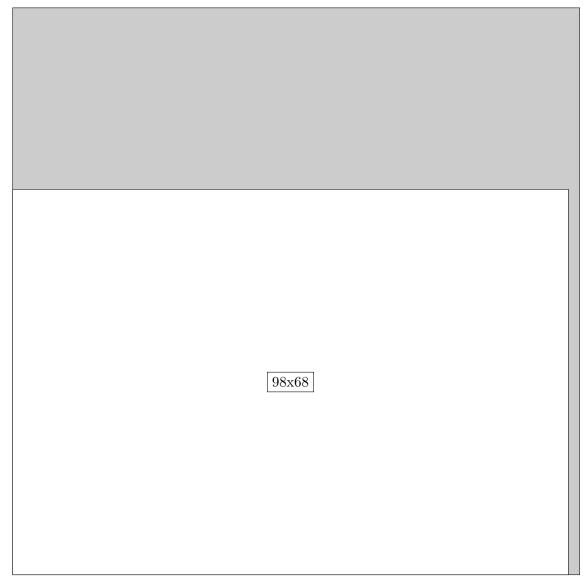
isOpt: $\underline{\mathbf{true}}$

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.010 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.092 \ s} \\ {\rm TotalTime:} \ \underline{0.162 \ s} \\ \end{array}$

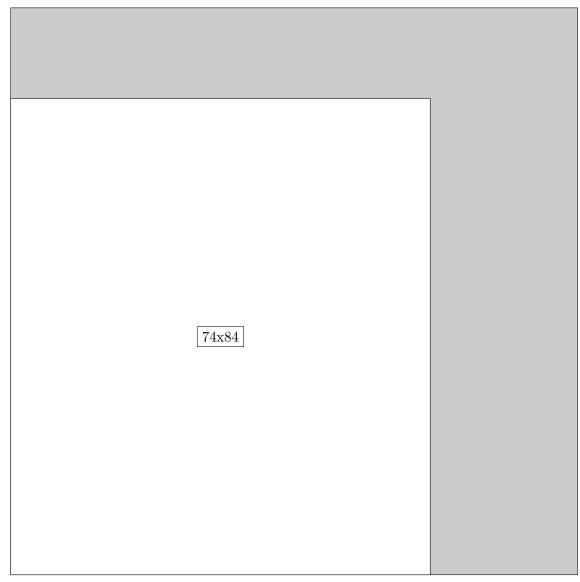


 ≤ 100 , h =74 , x =0 , y =0 , v =7400

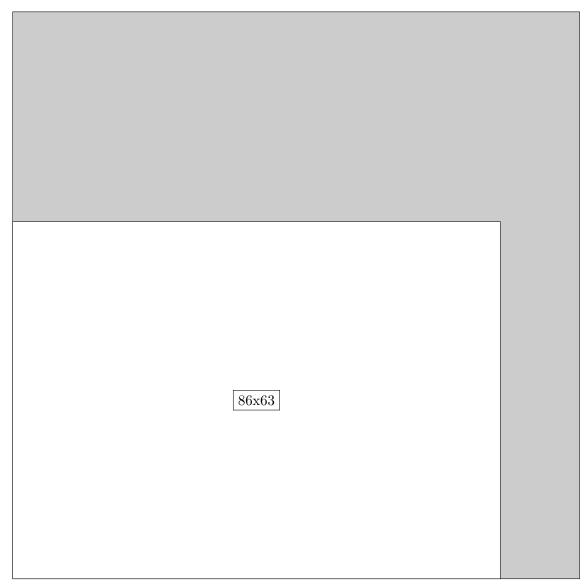




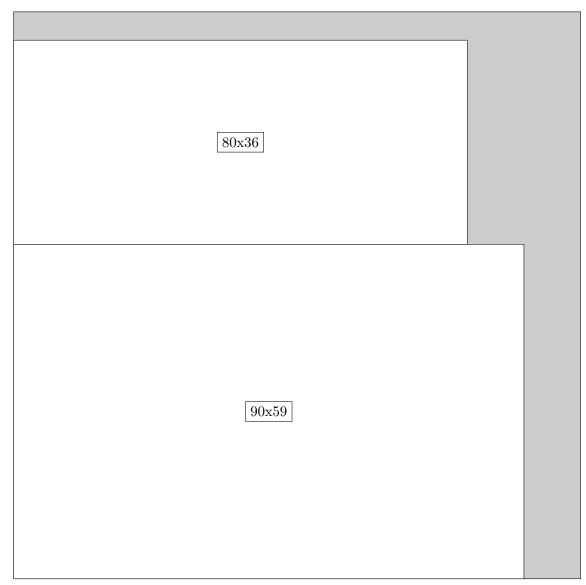
 $\overline{\rm w}$ =98 , h =68 , x =0 , y =0 , v =6664

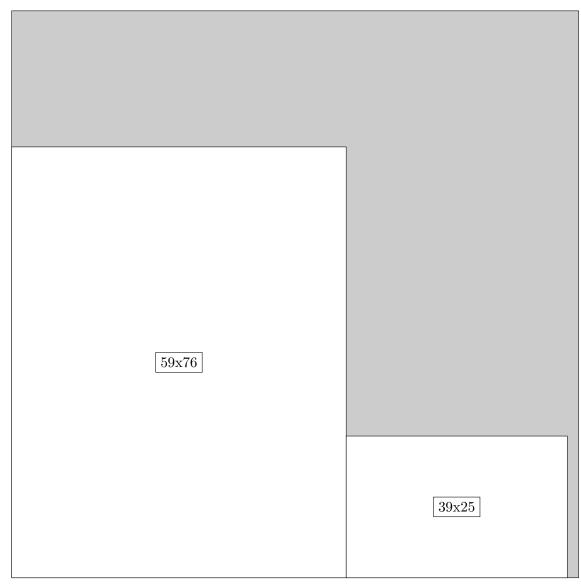


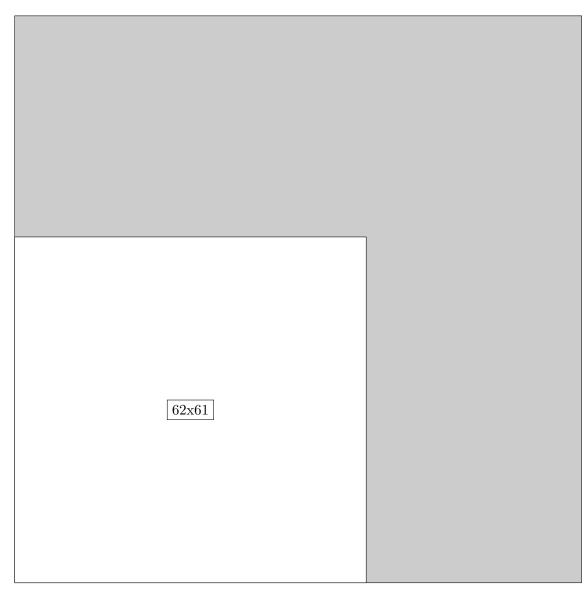
w = 74, h = 84, x = 0, y = 0, v = 6216



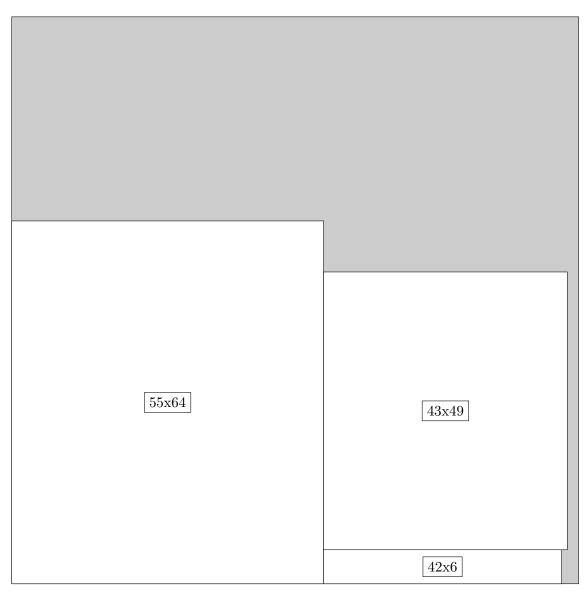
 $\le =86$, h =63 , x =0 , y =0 , v =5418



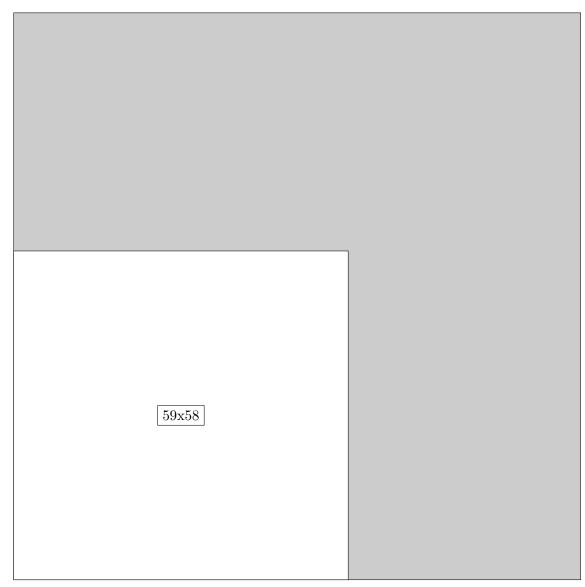




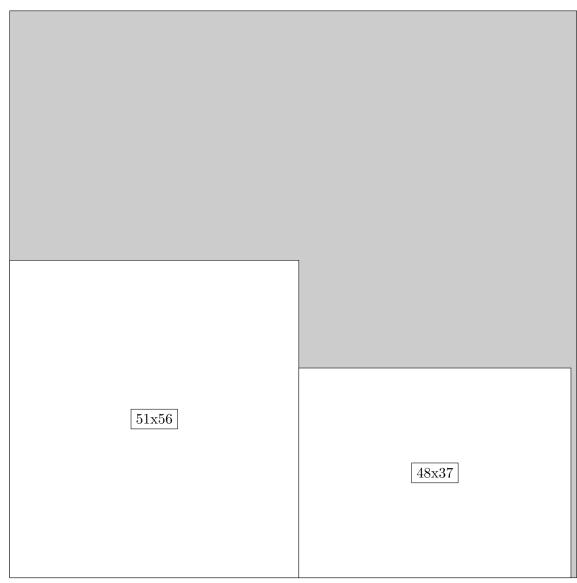
w = 62, h = 61, x = 0, y = 0, v = 3782

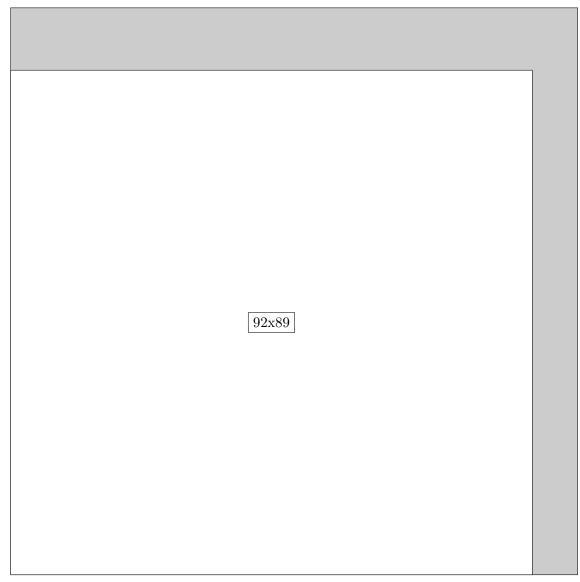


$$\begin{array}{l} w = \! 55 \ , \ h = \! 64 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3520 \\ w = \! 43 \ , \ h = \! 49 \ , \ x = \! 55 \ , \ y = \! 6 \ , \ v = \! 2107 \\ w = \! 42 \ , \ h = \! 6 \ , \ x = \! 55 \ , \ y = \! 0 \ , \ v = \! 252 \end{array}$$

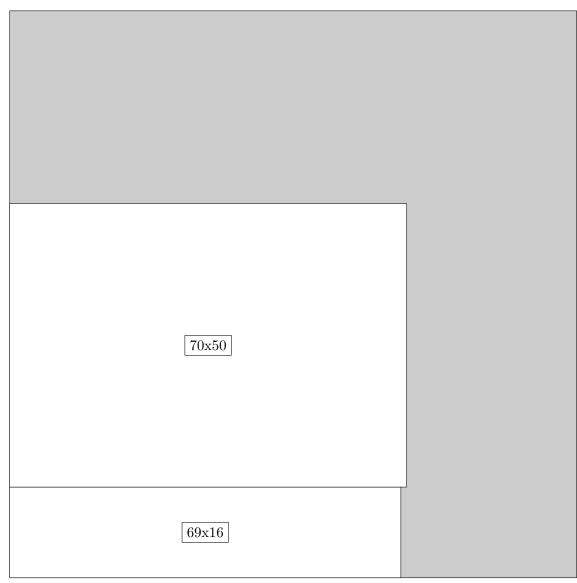


 $\le =59$, h =58 , x =0 , y =0 , v =3422





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



$$\begin{array}{c} w = 69 \; , \; h = 16 \; , \; x = 0 \; , \; y = 0 \; , \; v = 1104 \\ w = 70 \; , \; h = 50 \; , \; x = 0 \; , \; y = 16 \; , \; v = 3500 \\ \end{array}$$