$ClassName: \ Class\_01.2bp-2$ 

 $\begin{array}{ll} \text{BinSize: } \underline{\mathbf{10} \times \mathbf{10}} \\ \text{ReduceSize: } \underline{\mathbf{10} \times \mathbf{10}} \end{array}$ 

TypeNum: <u>20</u> Num: <u>20</u> OutS: <u>900</u> InS: <u>650</u> Rate: <u>0.722</u>

UB: <u>9</u> LB0: <u>8</u> LB: <u>8</u>

LBWithCut:  $\underline{\mathbf{9}}$  NodeCut:  $\underline{\mathbf{1}}$ 

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

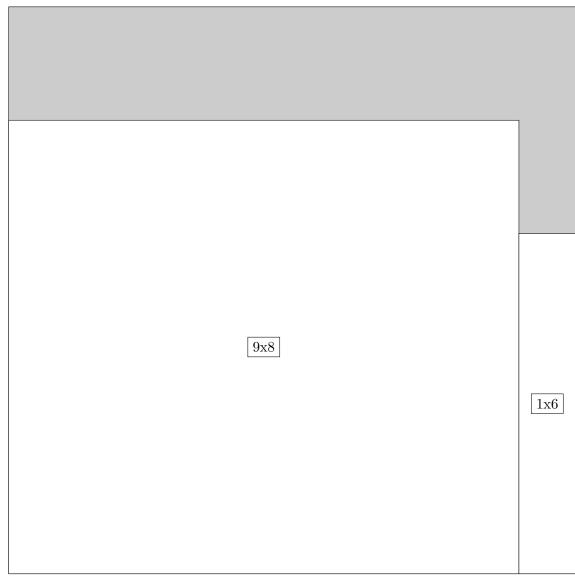
GenNodeCnt:  $\underline{1}$ PrimalNode:  $\underline{0}$ ColumnCount:  $\underline{24}$ TotalCutCount:  $\underline{9}$ RootCutCount:  $\underline{9}$ LPSolverCnt:  $\underline{17}$ PricingSolverCnt:  $\underline{17}$ BranchAndBoundNum:  $\underline{1}$ 

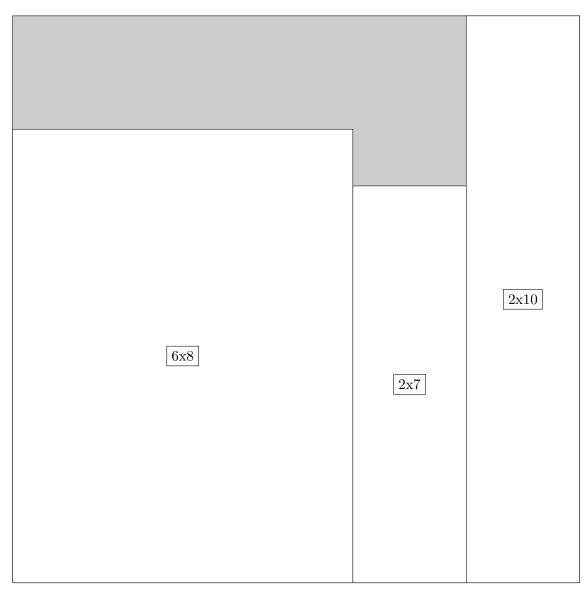
isOpt:  $\underline{\mathbf{true}}$ 

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.000 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.662 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.084 \ s} \\ {\rm TotalTime:} \ \underline{0.821 \ s} \\ \end{array}$ 



w = 10, h = 9, x = 0, y = 0, v = 90

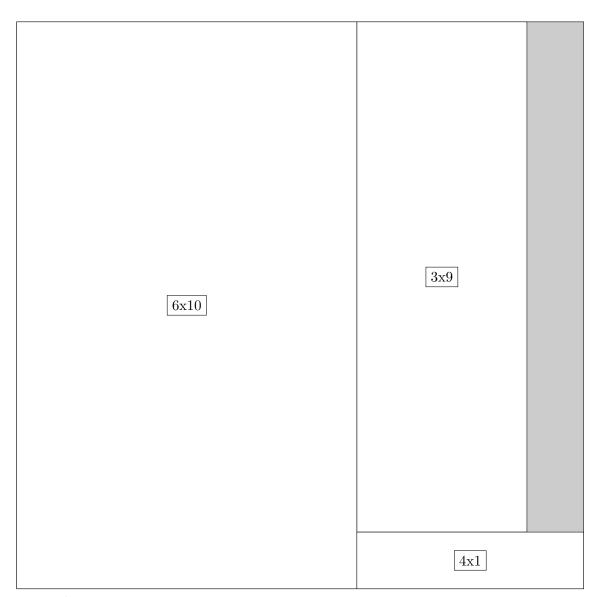




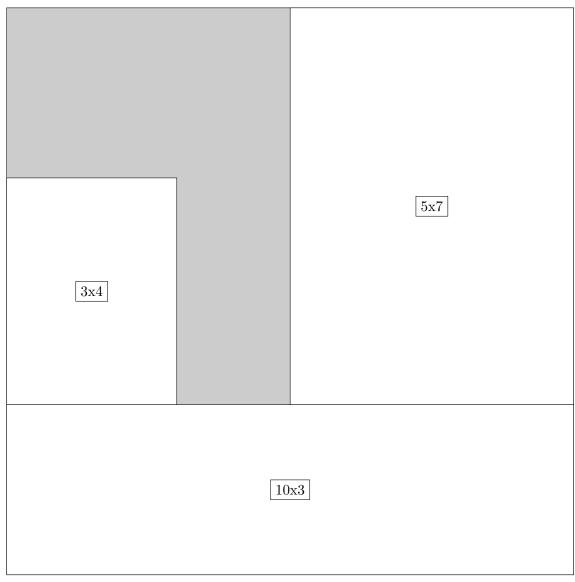
w = 6, h = 8, x = 0, y = 0, v = 48

 $\mathbf{w}$  =2 , h =10 , x =8 , y =0 , v =20

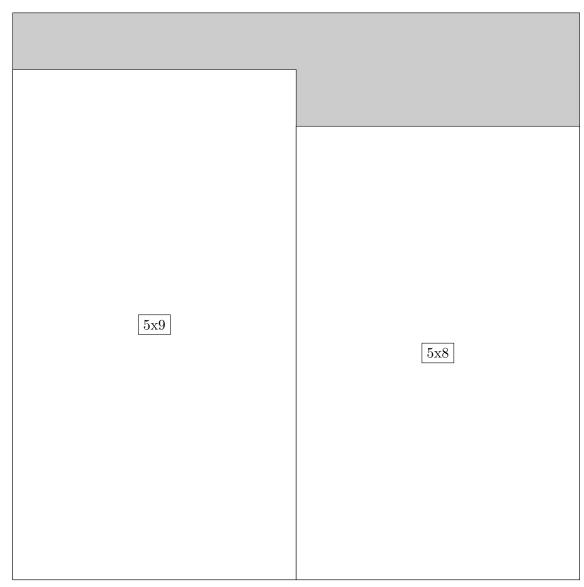
 $\mathbf{w}$  =2 , h =7 , x =6 , y =0 , v =14

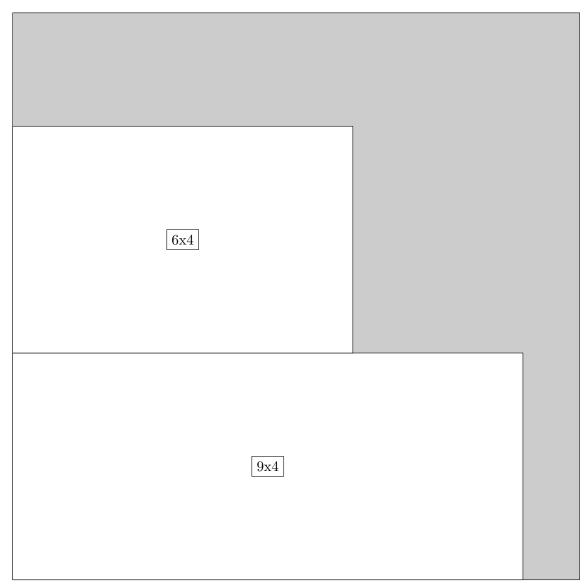


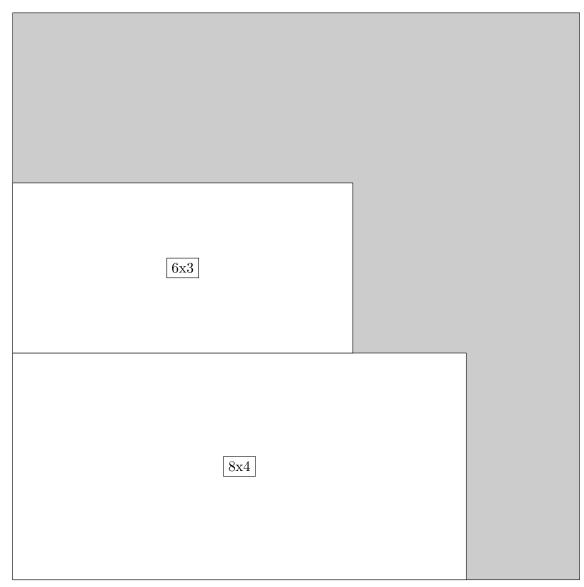
 $\begin{array}{l} w = \! 3 \ , \ h = \! 9 \ , \ x = \! 6 \ , \ y = \! 1 \ , \ v = \! 27 \\ w = \! 6 \ , \ h = \! 10 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 60 \\ w = \! 4 \ , \ h = \! 1 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 4 \end{array}$ 

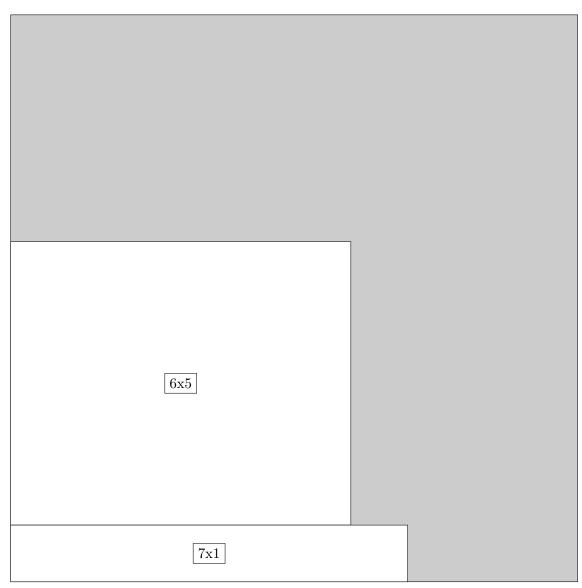


$$\begin{array}{l} w = 3 \ , \ h = 4 \ , \ x = 0 \ , \ y = 3 \ , \ v = 12 \\ w = 5 \ , \ h = 7 \ , \ x = 5 \ , \ y = 3 \ , \ v = 35 \\ w = 10 \ , \ h = 3 \ , \ x = 0 \ , \ y = 0 \ , \ v = 30 \end{array}$$









$$\begin{array}{l} w = 6 \ , \ h = 5 \ , \ x = 0 \ , \ y = 1 \ , \ v = 30 \\ w = 7 \ , \ h = 1 \ , \ x = 0 \ , \ y = 0 \ , \ v = 7 \end{array}$$