ClassName:  $Class\_01.2bp-6$ 

BinSize:  $\underline{10} \times \underline{10}$ ReduceSize:  $\underline{10} \times \underline{10}$ 

TypeNum: <u>19</u> Num: <u>20</u> OutS: <u>600</u> InS: <u>530</u> Rate: <u>0.883</u>

UB: **6** LB: **6** 

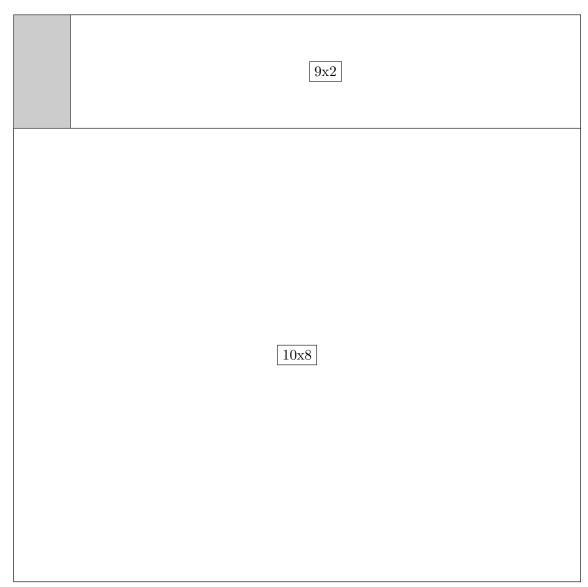
LBWithCut:  $\underline{\mathbf{6}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

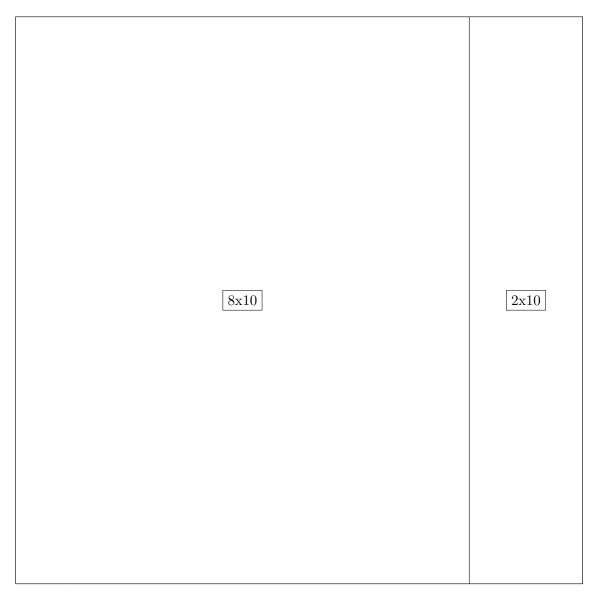
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{6}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

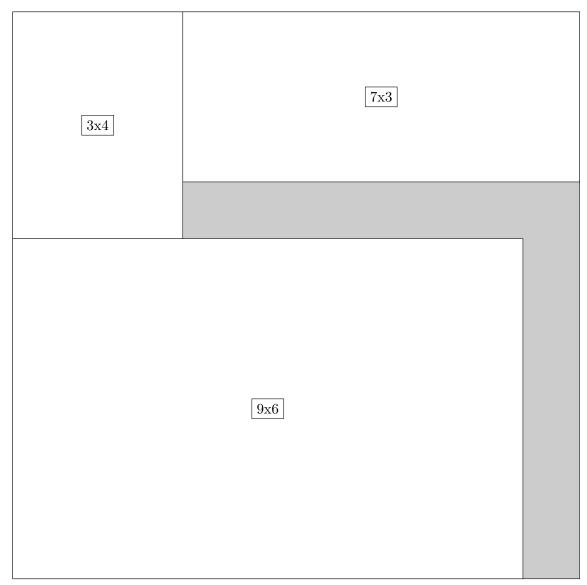
isOpt: **true** 

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.000 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.063 \ s} \\ {\rm TotalTime:} \ \underline{0.125 \ s} \\ \end{array}$ 

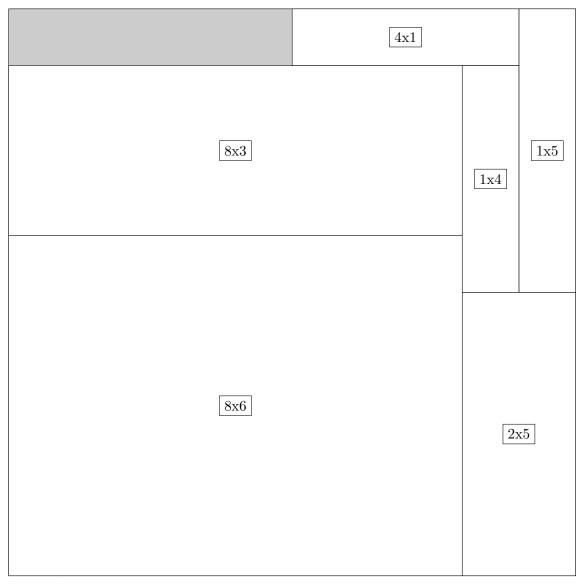


w =9, h =2, x =1, y =8, v =18 w =10, h =8, x =0, y =0, v =80





$$\begin{array}{l} w = 9 \ , \ h = 6 \ , \ x = 0 \ , \ y = 0 \ , \ v = 54 \\ w = 7 \ , \ h = 3 \ , \ x = 3 \ , \ y = 7 \ , \ v = 21 \\ w = 3 \ , \ h = 4 \ , \ x = 0 \ , \ y = 6 \ , \ v = 12 \end{array}$$



$$\mathbf{w}$$
 =8 , h =6 , x =0 , y =0 , v =48

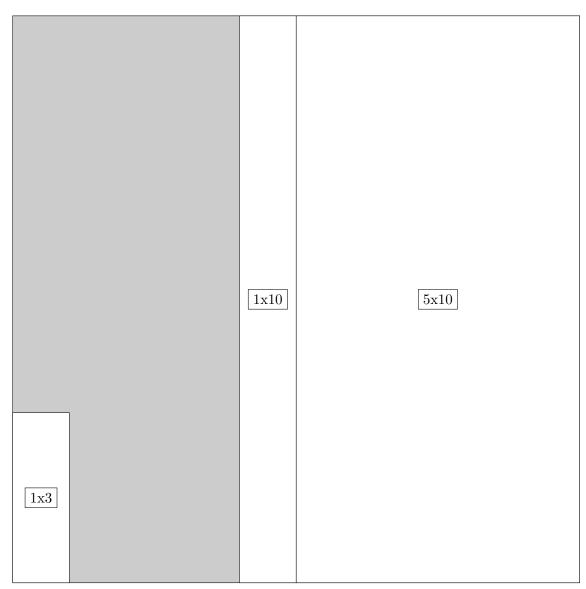
$$\le =8$$
 , h =3 , x =0 , y =6 , v =24

$$\mathbf{w}$$
 =2 , h =5 , x =8 , y =0 , v =  
10

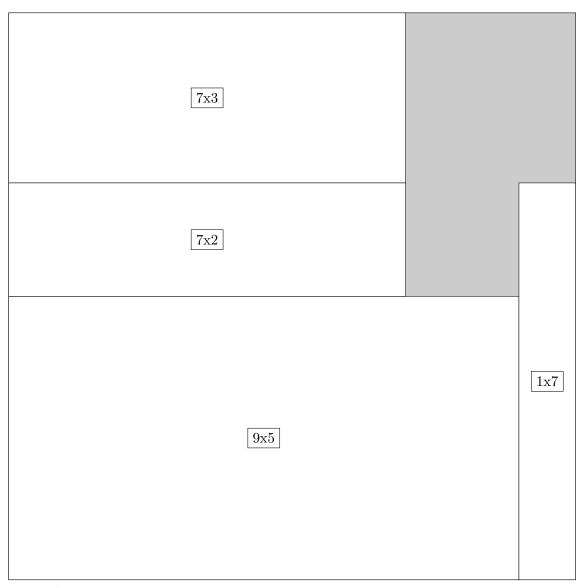
$$\mathbf{w}$$
 =1 , h =5 , x =9 , y =5 , v =5

$$\mathbf{w}$$
 =4 , h =1 , x =5 , y =9 , v =4

$$w=1$$
 ,  $h=4$  ,  $x=8$  ,  $y=5$  ,  $v=4$ 



 $\begin{array}{l} w = 1 \ , \ h = 3 \ , \ x = 0 \ , \ y = 0 \ , \ v = 3 \\ w = 5 \ , \ h = 10 \ , \ x = 5 \ , \ y = 0 \ , \ v = 50 \\ w = 1 \ , \ h = 10 \ , \ x = 4 \ , \ y = 0 \ , \ v = 10 \end{array}$ 



$$\begin{array}{l} w = 9 \ , \ h = 5 \ , \ x = 0 \ , \ y = 0 \ , \ v = \!\! 45 \\ w = \!\! 7 \ , \ h = \!\! 3 \ , \ x = \!\! 0 \ , \ y = \!\! 7 \ , \ v = \!\! 21 \end{array}$$

$$\mathbf{w}$$
 =7 , h =2 , x =0 , y =5 , v =14

$$\mathbf{w}$$
 =1 , h =7 , x =9 , y =0 , v =7