ClassName:  $Class\_01.2bp-5$ 

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

TypeNum: <u>18</u> Num: <u>20</u> OutS: <u>900</u> InS: <u>736</u> Rate: <u>0.818</u>

UB: **9**LB: **9**LB: **9** 

LBWithCut:  $\underline{\mathbf{9}}$  NodeCut:  $\underline{\mathbf{0}}$ 

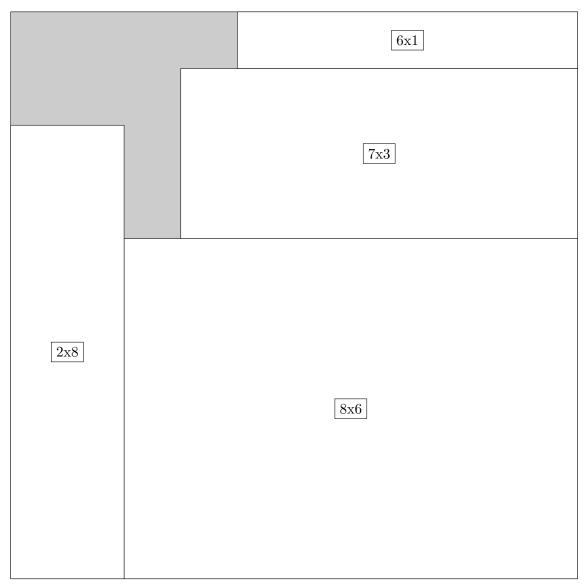
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

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

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

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

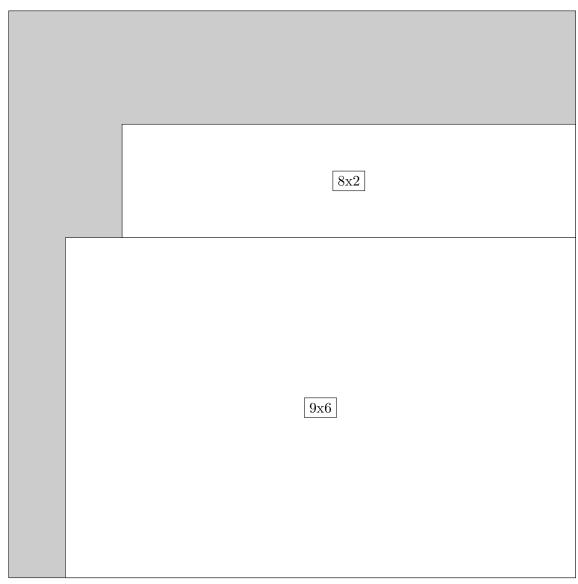
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.066 sTotalTime: 600.358 s



$$w = 8$$
,  $h = 6$ ,  $x = 2$ ,  $y = 0$ ,  $v = 48$ 

$$w = 6$$
 ,  $h = 1$  ,  $x = 4$  ,  $y = 9$  ,  $v = 6$ 

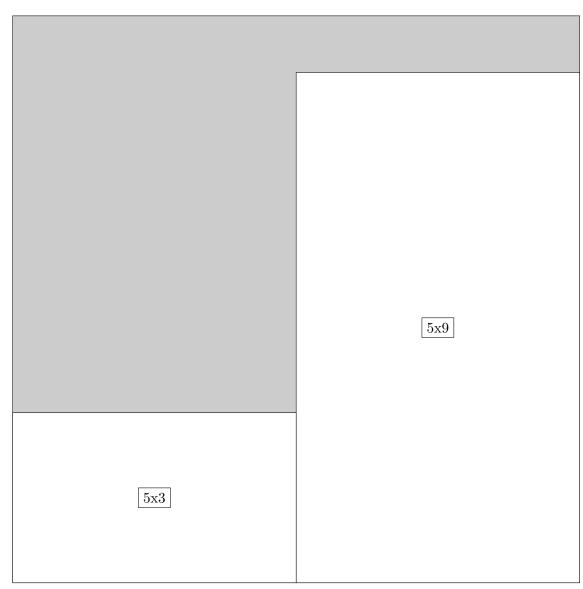
$$\mathbf{w}$$
 =2 , h =8 , x =0 , y =0 , v =  
16

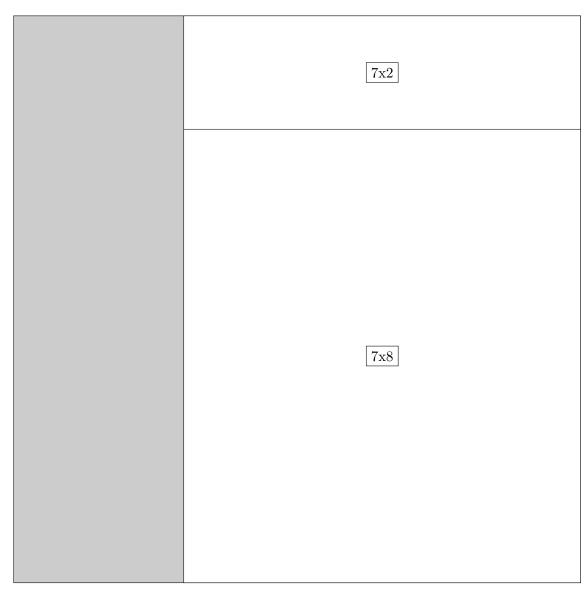


$$\begin{array}{c} w = 9 \ , \ h = 6 \ , \ x = 1 \ , \ y = 0 \ , \ v = 54 \\ w = 8 \ , \ h = 2 \ , \ x = 2 \ , \ y = 6 \ , \ v = 16 \end{array}$$

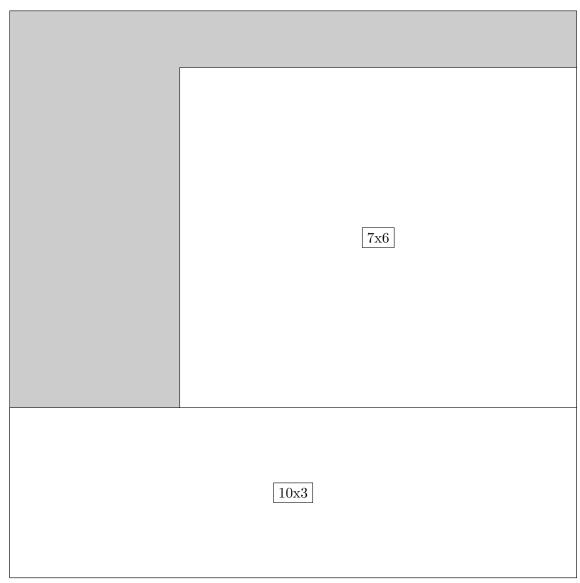


 $\mathbf{w}$  =10 , h =10 , x =0 , y =0 , v =100

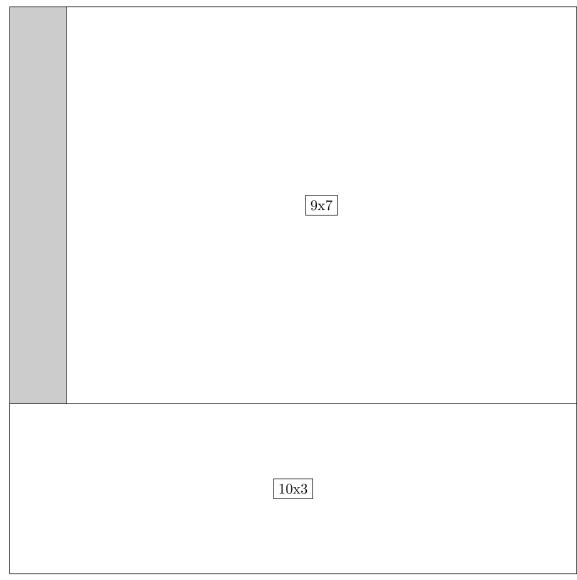




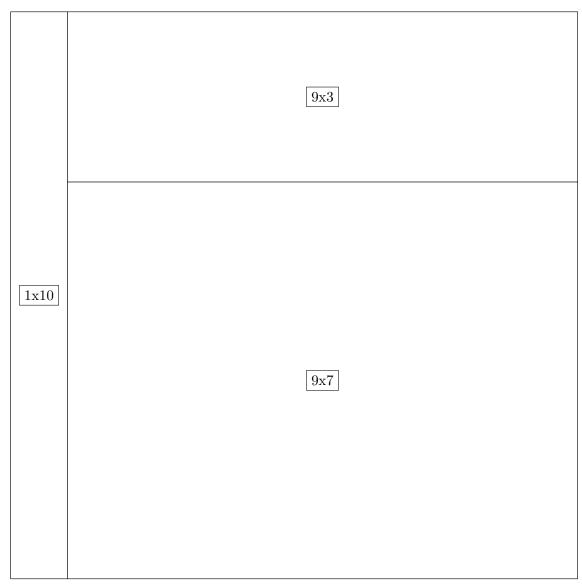
$$\begin{array}{l} w = 7 \ , \ h = 8 \ , \ x = 3 \ , \ y = 0 \ , \ v = 56 \\ w = 7 \ , \ h = 2 \ , \ x = 3 \ , \ y = 8 \ , \ v = 14 \end{array}$$



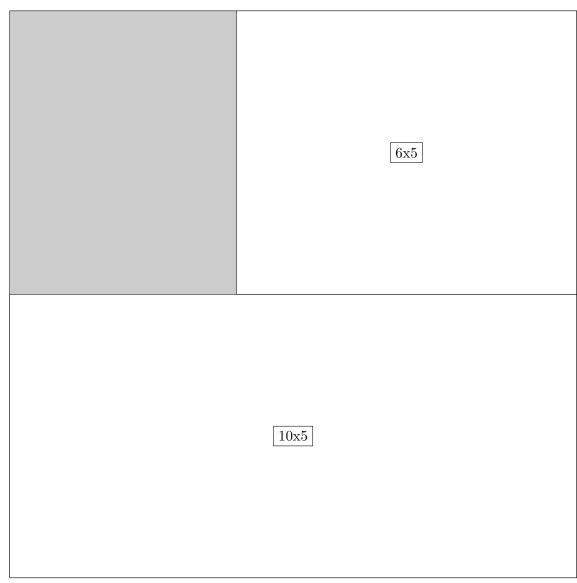
$$\begin{array}{l} w = & 10 \ , \ h = & 3 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 30 \\ w = & 7 \ , \ h = & 6 \ , \ x = & 3 \ , \ y = & 3 \ , \ v = & 42 \end{array}$$



$$\begin{array}{l} w = & 10 \ , \ h = & 3 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 30 \\ w = & 9 \ , \ h = & 7 \ , \ x = & 1 \ , \ y = & 3 \ , \ v = & 63 \end{array}$$



$$\begin{array}{l} w=9\ ,\, h=7\ ,\, x=1\ ,\, y=0\ ,\, v=63\\ w=9\ ,\, h=3\ ,\, x=1\ ,\, y=7\ ,\, v=27\\ w=1\ ,\, h=10\ ,\, x=0\ ,\, y=0\ ,\, v=10 \end{array}$$



 $\begin{array}{l} w = & 10 \ , \ h = & 5 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 50 \\ w = & 6 \ , \ h = & 5 \ , \ x = & 4 \ , \ y = & 5 \ , \ v = & 30 \end{array}$