$ClassName: \ Class\_01.2bp-0$ 

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

TypeNum: <u>18</u>
Num: <u>20</u>
OutS: <u>800</u>
InS: <u>648</u>
Rate: <u>0.810</u>

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

LBWithCut:  $\underline{\mathbf{8}}$  NodeCut:  $\underline{\mathbf{0}}$ 

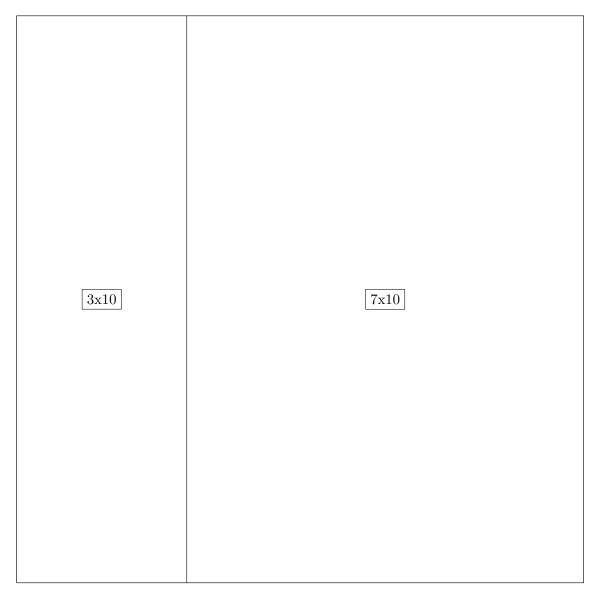
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

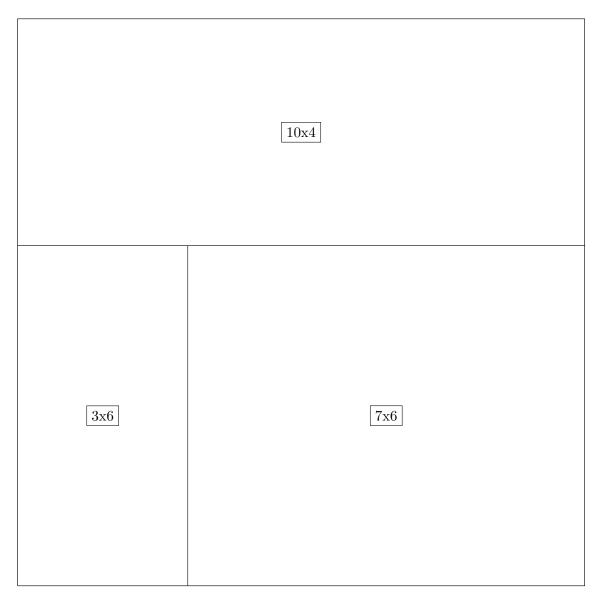
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{8}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

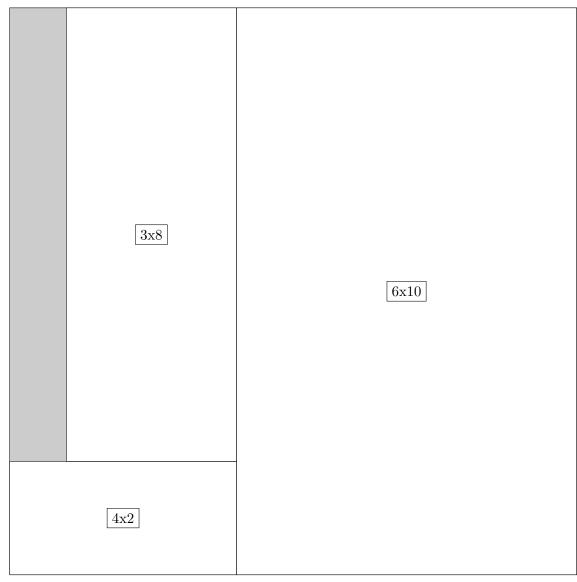
TimeOnInitSolution:  $\underline{600.000 \text{ s}}$ 

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 600.312 s





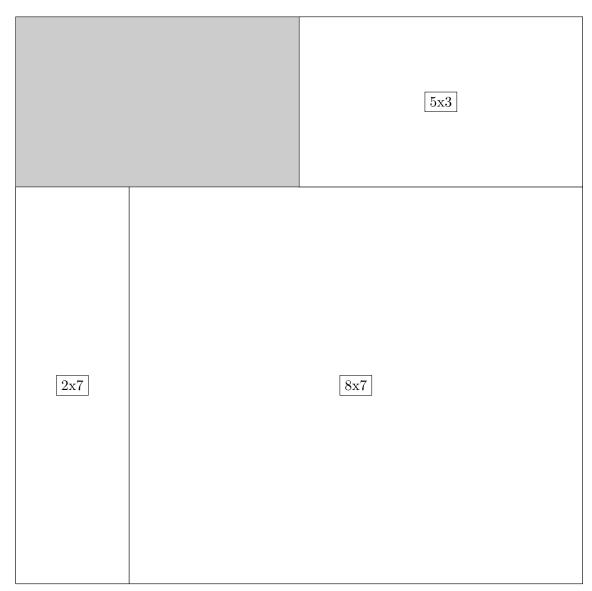
$$\begin{array}{l} w = 7 \ , \ h = 6 \ , \ x = 3 \ , \ y = 0 \ , \ v = 42 \\ w = 3 \ , \ h = 6 \ , \ x = 0 \ , \ y = 0 \ , \ v = 18 \\ w = 10 \ , \ h = 4 \ , \ x = 0 \ , \ y = 6 \ , \ v = 40 \end{array}$$



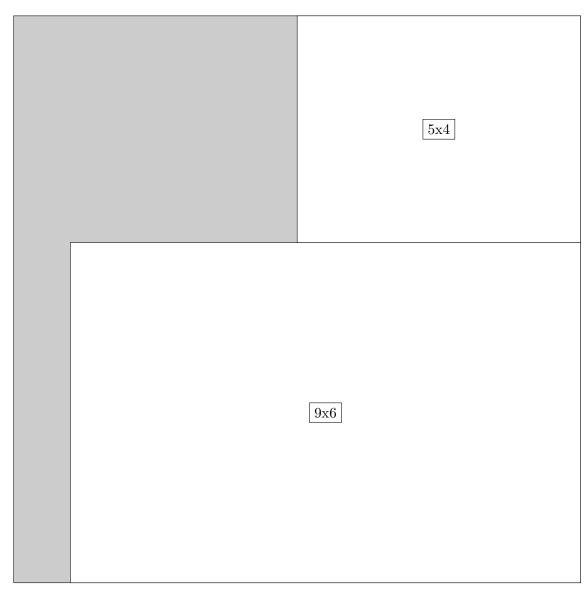
$$\begin{array}{l} w=6 \ , \ h=\!10 \ , \ x=\!4 \ , \ y=\!0 \ , \ v=\!60 \\ w=\!4 \ , \ h=\!2 \ , \ x=\!0 \ , \ y=\!0 \ , \ v=\!8 \\ w=\!3 \ , \ h=\!8 \ , \ x=\!1 \ , \ y=\!2 \ , \ v=\!24 \end{array}$$

		5x1
3x8		[7x8]

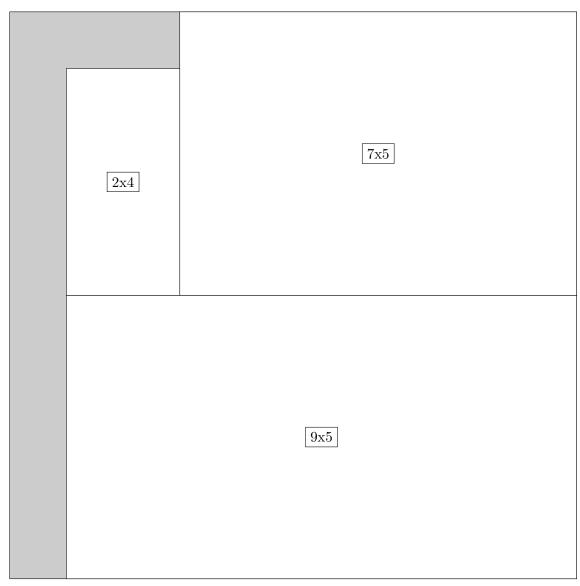
$$\begin{array}{l} w = 7 \ , \ h = 8 \ , \ x = 3 \ , \ y = 0 \ , \ v = 56 \\ w = 3 \ , \ h = 8 \ , \ x = 0 \ , \ y = 0 \ , \ v = 24 \\ w = 5 \ , \ h = 1 \ , \ x = 5 \ , \ y = 8 \ , \ v = 5 \end{array}$$



 $\begin{array}{l} w = 8 \ , \ h = 7 \ , \ x = 2 \ , \ y = 0 \ , \ v = 56 \\ w = 2 \ , \ h = 7 \ , \ x = 0 \ , \ y = 0 \ , \ v = 14 \\ w = 5 \ , \ h = 3 \ , \ x = 5 \ , \ y = 7 \ , \ v = 15 \end{array}$ 



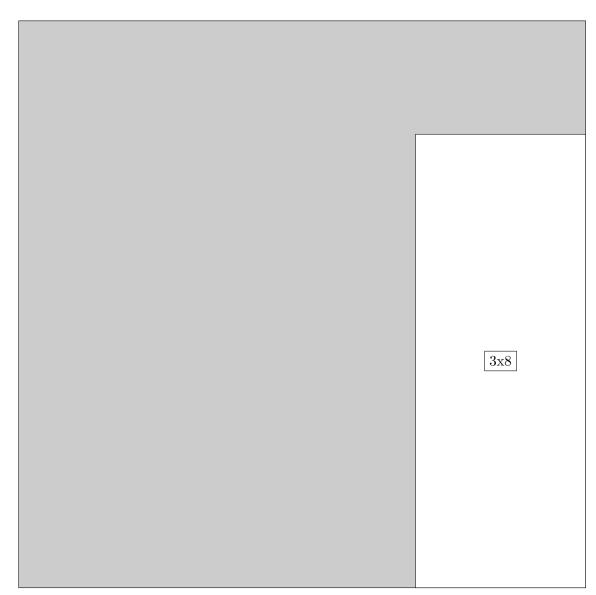
$$\begin{array}{c} w = 9 \ , \ h = 6 \ , \ x = 1 \ , \ y = 0 \ , \ v = 54 \\ w = 5 \ , \ h = 4 \ , \ x = 5 \ , \ y = 6 \ , \ v = 20 \end{array}$$



$$w=9$$
 ,  $h=5$  ,  $x=1$  ,  $y=0$  ,  $v=45$ 

$$\mathbf{w}$$
 =7 , h =5 , x =3 , y =5 , v =35

$$\mathbf{w}$$
 =2 , h =4 , x =1 , y =5 , v =8



 $\le 3$  , h = 8 , x = 7 , y = 0 , v = 24