$ClassName: \ Class_01.2bp\text{-}15$

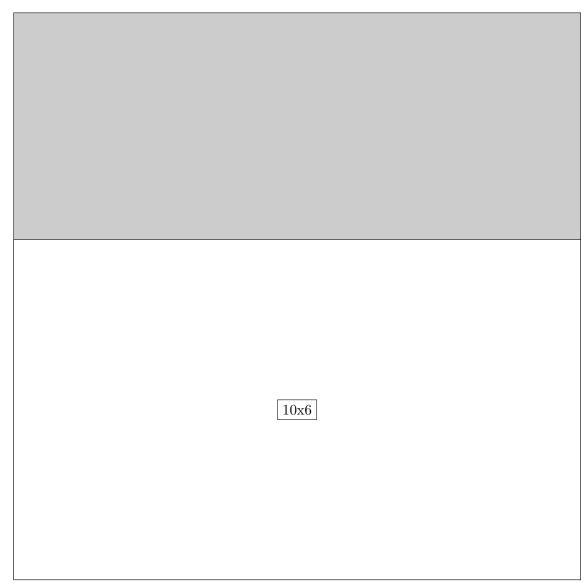
 $\begin{array}{ll} \text{BinSize: } \underline{\mathbf{10} \times \mathbf{10}} \\ \text{ReduceSize: } \underline{\mathbf{10} \times \mathbf{10}} \end{array}$

TypeNum: <u>35</u> Num: <u>40</u> OutS: <u>1400</u> InS: <u>1061</u> Rate: <u>0.758</u> UB: <u>14</u> LB: <u>14</u>

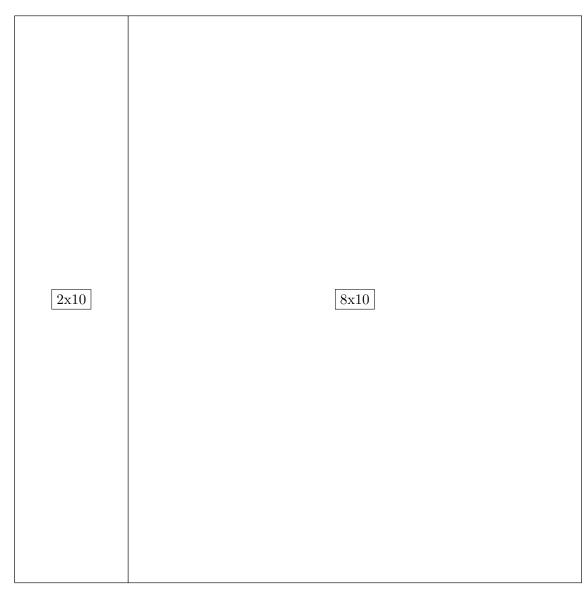
LBWithCut: $\underline{14}$ NodeCount: $\underline{0}$ PrimalNode: $\underline{0}$ ColumnCount: $\underline{14}$ TotalCutCount: $\underline{0}$ RootCutCount: $\underline{0}$ LPSolverCnt: $\underline{1}$ PricingSolverCnt: $\underline{0}$ BranchAndBoundNum: $\underline{1}$

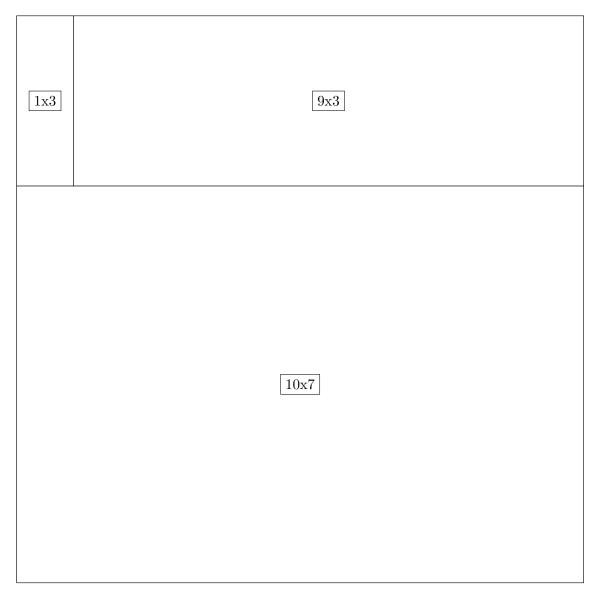
isOpt: **true**

TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{0.000 \text{ s}}$ TimeOnRmp: $\underline{0.078 \text{ s}}$ TotalTime: $\underline{0.203 \text{ s}}$

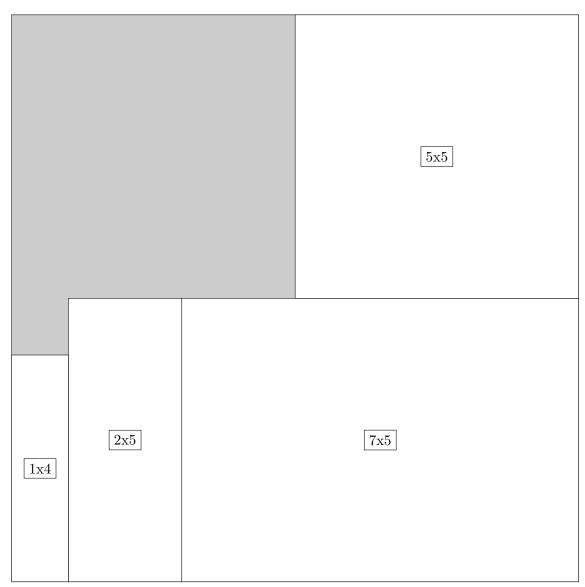


w = 10, h = 6, x = 0, y = 0, v = 60

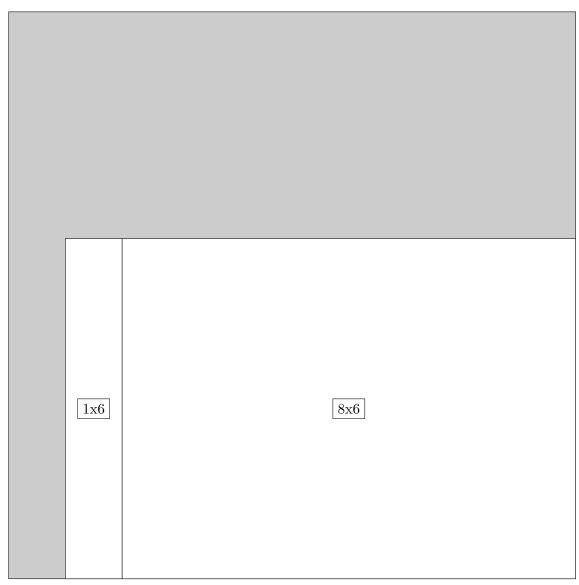




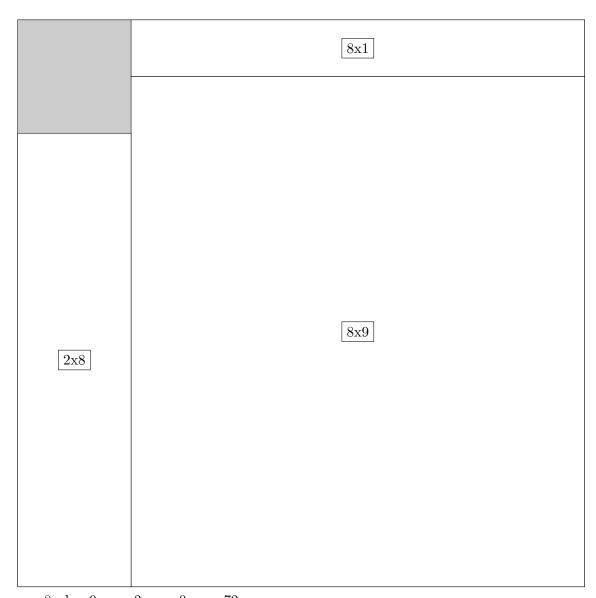
$$\begin{array}{l} w = \! 10 \ , \ h = \! 7 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 70 \\ w = \! 9 \ , \ h = \! 3 \ , \ x = \! 1 \ , \ y = \! 7 \ , \ v = \! 27 \\ w = \! 1 \ , \ h = \! 3 \ , \ x = \! 0 \ , \ y = \! 7 \ , \ v = \! 3 \end{array}$$



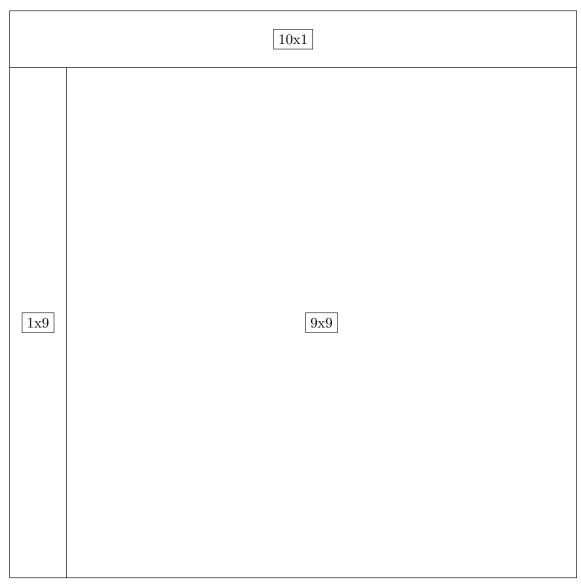
 $\begin{array}{l} w=7\ ,\, h=5\ ,\, x=3\ ,\, y=0\ ,\, v=35\\ w=2\ ,\, h=5\ ,\, x=1\ ,\, y=0\ ,\, v=10\\ w=1\ ,\, h=4\ ,\, x=0\ ,\, y=0\ ,\, v=4\\ w=5\ ,\, h=5\ ,\, x=5\ ,\, y=5\ ,\, v=25 \end{array}$



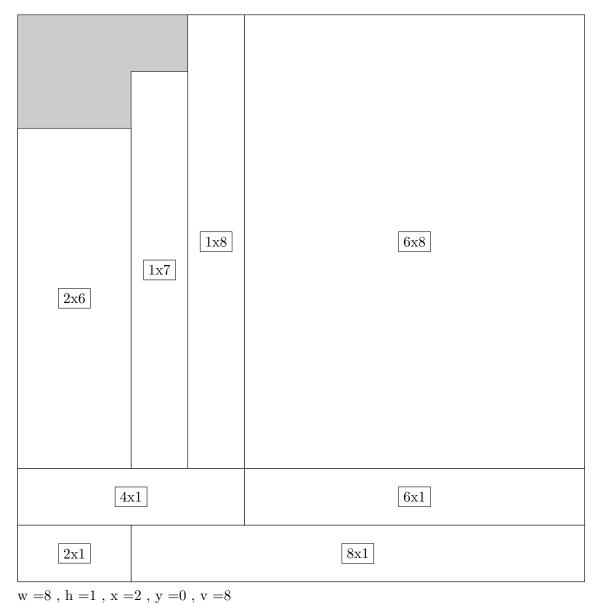
 $\begin{array}{l} w = 8 \ , \ h = 6 \ , \ x = 2 \ , \ y = 0 \ , \ v = 48 \\ w = 1 \ , \ h = 6 \ , \ x = 1 \ , \ y = 0 \ , \ v = 6 \end{array}$



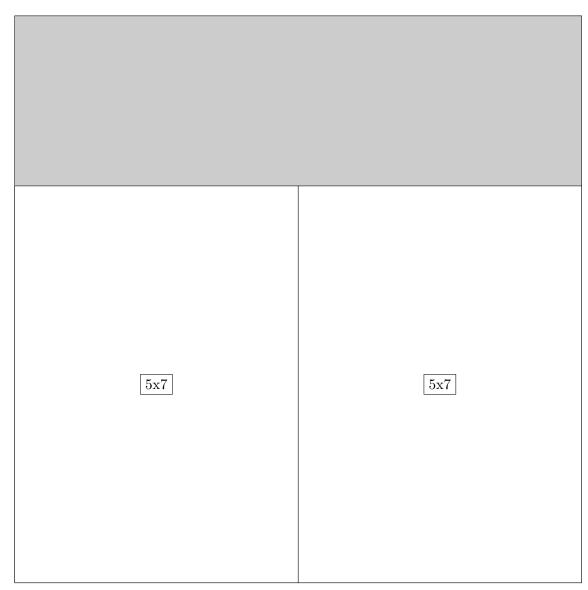
 $\begin{array}{l} w = 8 \;, \; h = 9 \;, \; x = 2 \;, \; y = 0 \;, \; v = 72 \\ w = 8 \;, \; h = 1 \;, \; x = 2 \;, \; y = 9 \;, \; v = 8 \\ w = 2 \;, \; h = 8 \;, \; x = 0 \;, \; y = 0 \;, \; v = 16 \end{array}$



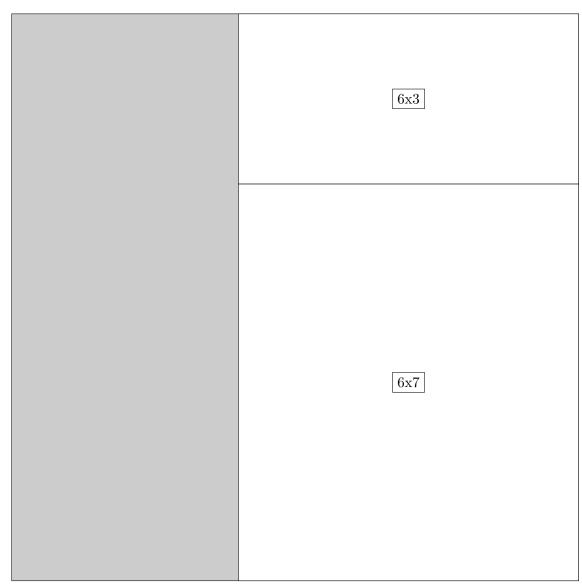
 $\begin{array}{l} w = 9 \ , \ h = 9 \ , \ x = 1 \ , \ y = 0 \ , \ v = 81 \\ w = 1 \ , \ h = 9 \ , \ x = 0 \ , \ y = 0 \ , \ v = 9 \\ w = 10 \ , \ h = 1 \ , \ x = 0 \ , \ y = 9 \ , \ v = 10 \end{array}$



 \mathbf{w} =2 , h =6 , x =0 , y =2 , v =12



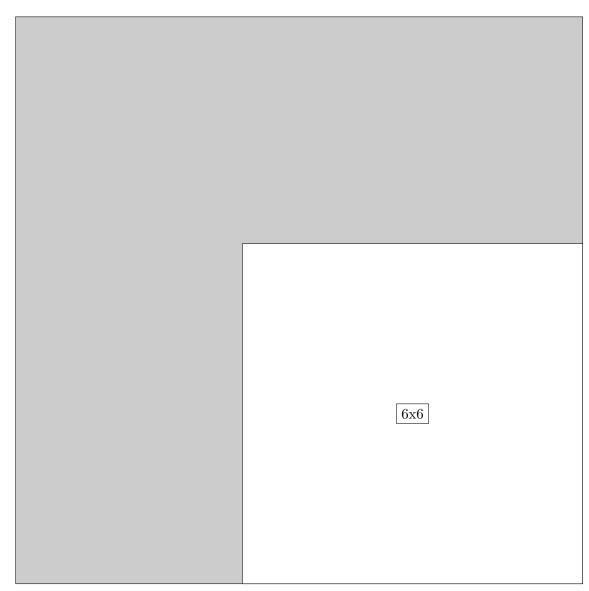
w =5 , h =7 , x =5 , y =0 , v =35 w =5 , h =7 , x =0 , y =0 , v =35



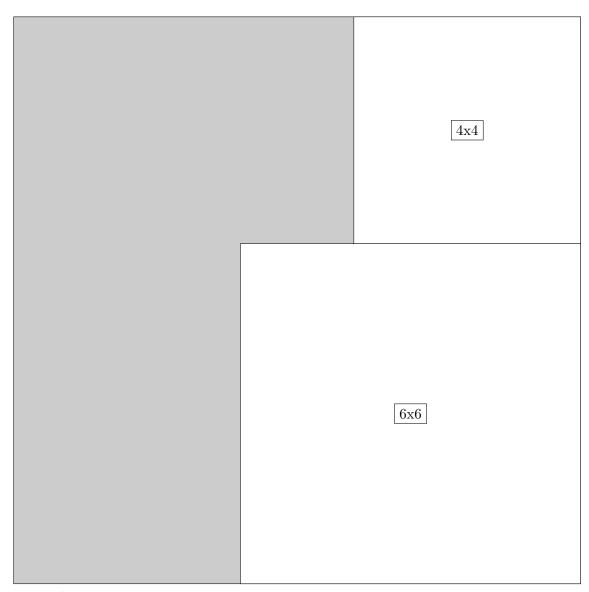
$$\begin{array}{l} w = 6 \ , \ h = 7 \ , \ x = 4 \ , \ y = 0 \ , \ v = 42 \\ w = 6 \ , \ h = 3 \ , \ x = 4 \ , \ y = 7 \ , \ v = 18 \end{array}$$

1x7	2x7	7x7	

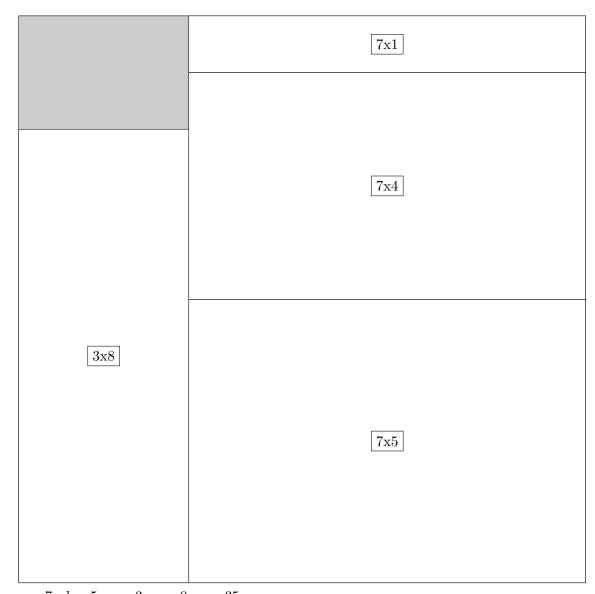
 $\begin{array}{l} w = 7 \ , \ h = 7 \ , \ x = 3 \ , \ y = 0 \ , \ v = 49 \\ w = 2 \ , \ h = 7 \ , \ x = 1 \ , \ y = 0 \ , \ v = 14 \\ w = 1 \ , \ h = 7 \ , \ x = 0 \ , \ y = 0 \ , \ v = 7 \end{array}$



 \mathbf{w} =6 , h =6 , x =4 , y =0 , v =36



w =6, h =6, x =4, y =0, v =36 w =4, h =4, x =6, y =6, v =16



$$w = 7$$
, $h = 5$, $x = 3$, $y = 0$, $v = 35$
 $w = 7$, $h = 4$, $x = 3$, $y = 5$, $v = 28$

$$\begin{array}{l} w = 7 \ , \ h = 1 \ , \ x = 3 \ , \ y = 9 \ , \ v = 7 \\ w = 3 \ , \ h = 8 \ , \ x = 0 \ , \ y = 0 \ , \ v = 24 \end{array}$$