$ClassName: \ Class_01.2bp-0$

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

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: $\underline{\mathbf{0}}$

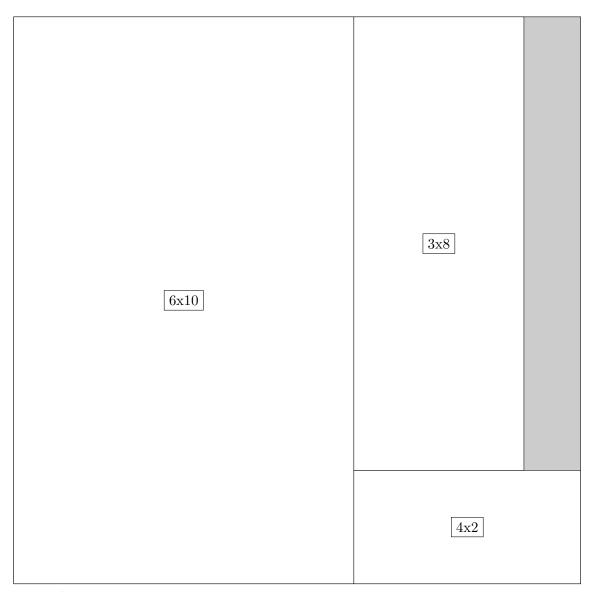
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.000 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.109 \ s} \\ {\rm TotalTime:} \ \underline{0.187 \ s} \\ \end{array}$

7x10	3x10



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

	5x3
8x7	2x7

 \mathbf{w} =8 , h =7 , x =0 , y =0 , v =56

w =5 , h =3 , x =5 , y =7 , v = 15

 \mathbf{w} =2 , h =7 , x =8 , y =0 , v =14

7x8	3x8

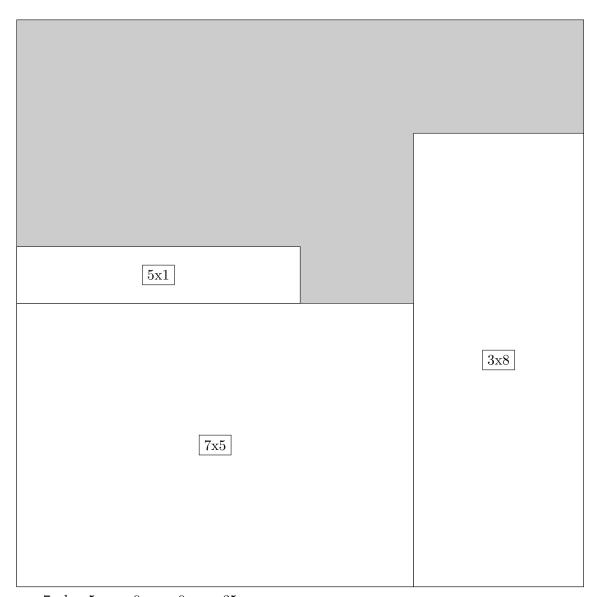
 $\begin{array}{l} w = 7 \ , \ h = 8 \ , \ x = 0 \ , \ y = 0 \ , \ v = 56 \\ w = 3 \ , \ h = 8 \ , \ x = 7 \ , \ y = 0 \ , \ v = 24 \end{array}$

$10\mathrm{x}4$	
7x6	3x6

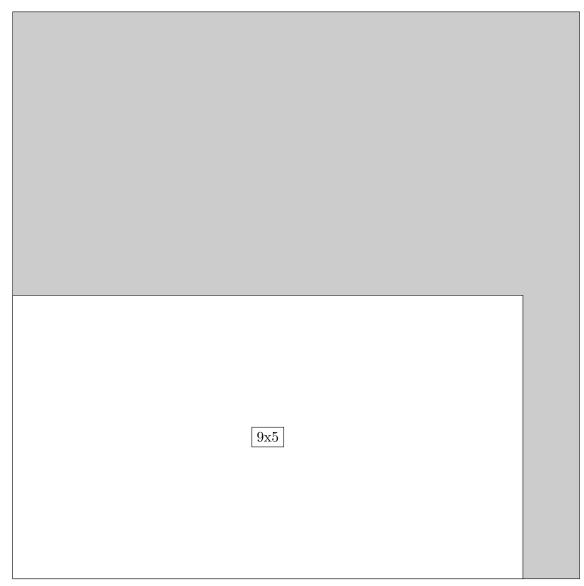
$$\begin{array}{l} w = 7 \ , \ h = 6 \ , \ x = 0 \ , \ y = 0 \ , \ v = 42 \\ w = 10 \ , \ h = 4 \ , \ x = 0 \ , \ y = 6 \ , \ v = 40 \\ w = 3 \ , \ h = 6 \ , \ x = 7 \ , \ y = 0 \ , \ v = 18 \end{array}$$

2x4	5x4	
9x6		

$$\begin{array}{l} w = 9 \ , \, h = 6 \ , \, x = 0 \ , \, y = 0 \ , \, v = 54 \\ w = 5 \ , \, h = 4 \ , \, x = 5 \ , \, y = 6 \ , \, v = 20 \\ w = 2 \ , \, h = 4 \ , \, x = 3 \ , \, y = 6 \ , \, v = 8 \end{array}$$



 $\begin{array}{l} w = 7 \ , \ h = 5 \ , \ x = 0 \ , \ y = 0 \ , \ v = 35 \\ w = 3 \ , \ h = 8 \ , \ x = 7 \ , \ y = 0 \ , \ v = 24 \\ w = 5 \ , \ h = 1 \ , \ x = 0 \ , \ y = 5 \ , \ v = 5 \end{array}$



 $\le =9$, h =5 , x =0 , y =0 , v =45