ClassName: $Class_01.2bp-3$

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

TypeNum: <u>19</u> Num: <u>20</u> OutS: <u>600</u> InS: <u>470</u> Rate: <u>0.783</u>

UB: <u>6</u> LB0: <u>6</u> LB: **6**

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

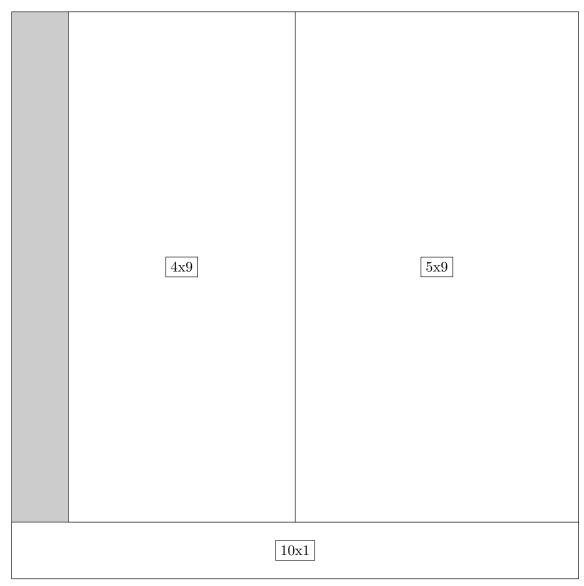
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.359 s



 $\begin{array}{l} w = & 10 \ , \ h = & 1 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 10 \\ w = & 5 \ , \ h = & 9 \ , \ x = & 5 \ , \ y = & 1 \ , \ v = & 45 \\ w = & 4 \ , \ h = & 9 \ , \ x = & 1 \ , \ y = & 1 \ , \ v = & 36 \end{array}$

3x1	
3x1	[7x3]
3x8	
	[7x7]

$$w = 7$$
, $h = 7$, $x = 3$, $y = 0$, $v = 49$

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

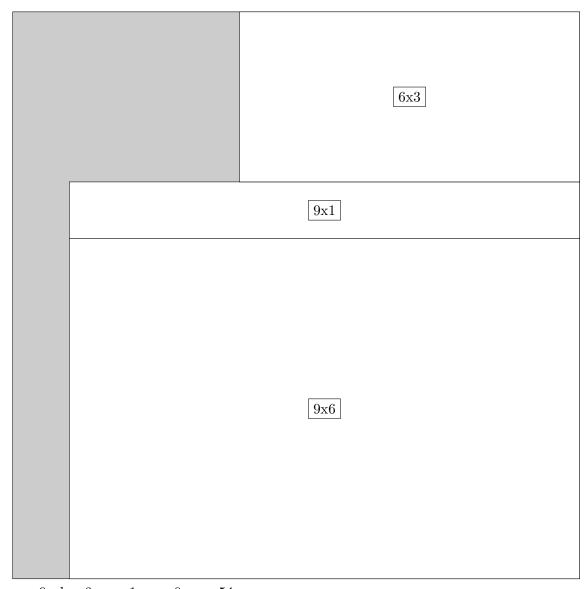
$$\mathbf{w}$$
 =3 , h =1 , x =0 , y =8 , v =3

$$w = 3$$
, $h = 1$, $x = 0$, $y = 9$, $v = 3$

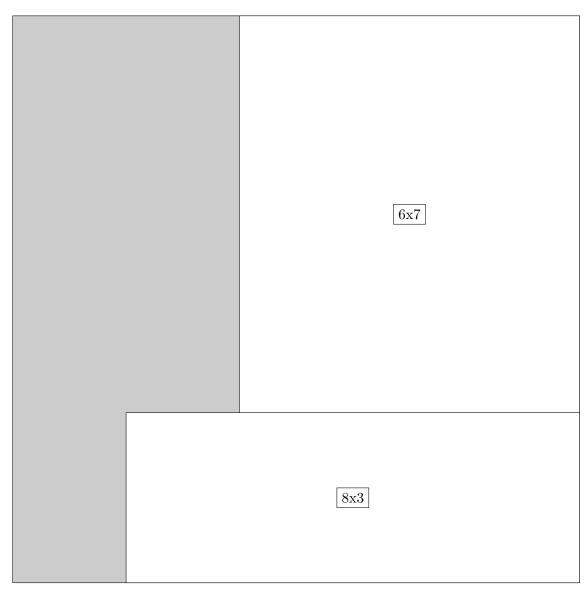
 $[\]mathbf{w}$ =7 , h =3 , x =3 , y =7 , v =21

2x6	7x6
3x4	7x4

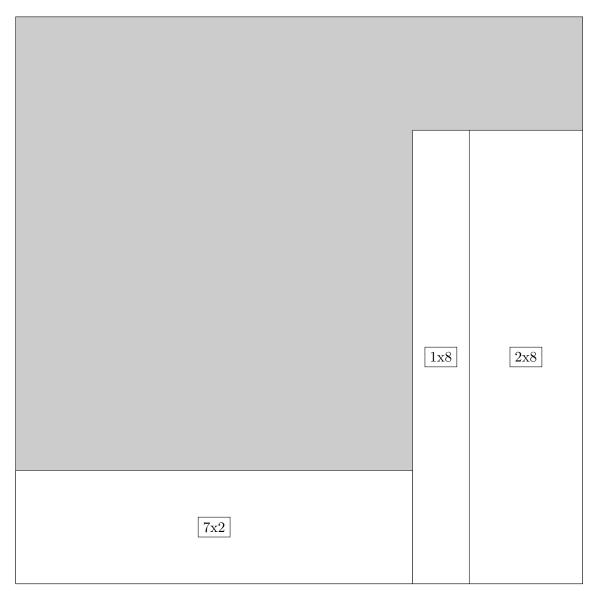
 $\begin{array}{l} w = 7 \;, \; h = 4 \;, \; x = 3 \;, \; y = 0 \;, \; v = 28 \\ w = 3 \;, \; h = 4 \;, \; x = 0 \;, \; y = 0 \;, \; v = 12 \\ w = 7 \;, \; h = 6 \;, \; x = 3 \;, \; y = 4 \;, \; v = 42 \\ w = 2 \;, \; h = 6 \;, \; x = 1 \;, \; y = 4 \;, \; v = 12 \end{array}$



$$\begin{array}{l} w = 9 \ , \, h = 6 \ , \, x = 1 \ , \, y = 0 \ , \, v = 54 \\ w = 9 \ , \, h = 1 \ , \, x = 1 \ , \, y = 6 \ , \, v = 9 \\ w = 6 \ , \, h = 3 \ , \, x = 4 \ , \, y = 7 \ , \, v = 18 \end{array}$$



$$\begin{array}{l} w = 8 \ , \, h = 3 \ , \, x = 2 \ , \, y = 0 \ , \, v = \!\! 24 \\ w = \!\! 6 \ , \, h = \!\! 7 \ , \, x = \!\! 4 \ , \, y = \!\! 3 \ , \, v = \!\! 42 \end{array}$$



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

$$w = 1$$
 , $h = 8$, $x = 7$, $y = 0$, $v = 8$

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