ClassName:  $Class\_01.2bp-3$ 

BinSize:  $10 \times 10$ ReduceSize:  $10 \times 10$ 

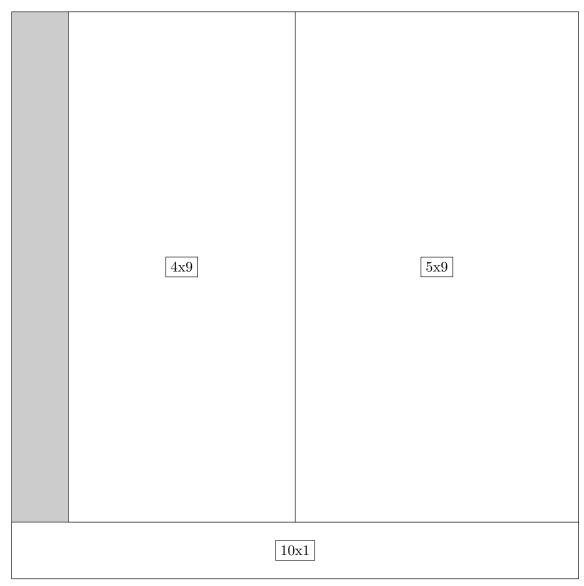
TypeNum:  $\underline{\mathbf{19}}$ Num: **20** OutS: **600** InS: **470** Rate: 0.783

UB:  $\underline{\mathbf{6}}$ LB: **6** 

LBWithCut: 6 NodeCount:  $\mathbf{0}$ PrimalNode:  $\mathbf{0}$ ColumnCount:  $\underline{\mathbf{6}}$  $TotalCutCount: \ \mathbf{0}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt: 1 PricingSolverCnt:  $\underline{\mathbf{0}}$ Branch And<br/>Bound Num:  $\underline{\mathbf{1}}$ 

isOpt: **true** 

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp:  $\underline{0.062 \text{ s}}$ TotalTime: 0.203 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

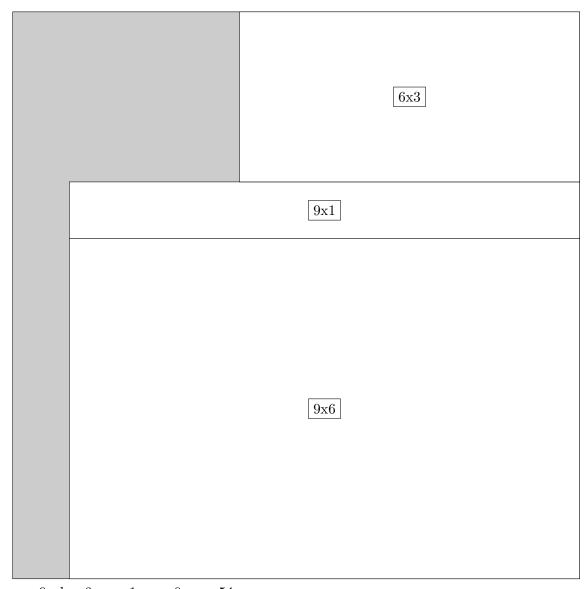
$$\mathbf{w}$$
 =3 , h =1 , x =0 , y =8 , v =3

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

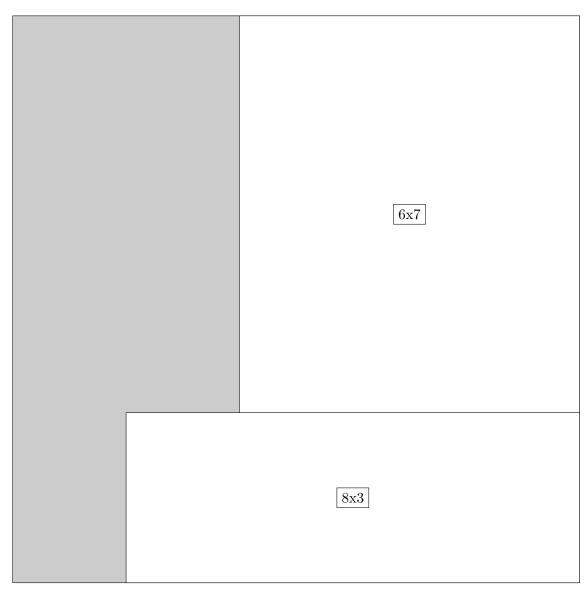
 $<sup>\</sup>mathbf{w}$  =7 , h =3 , x =3 , y =7 , v =21

2x6	7x6
3x4	7x4

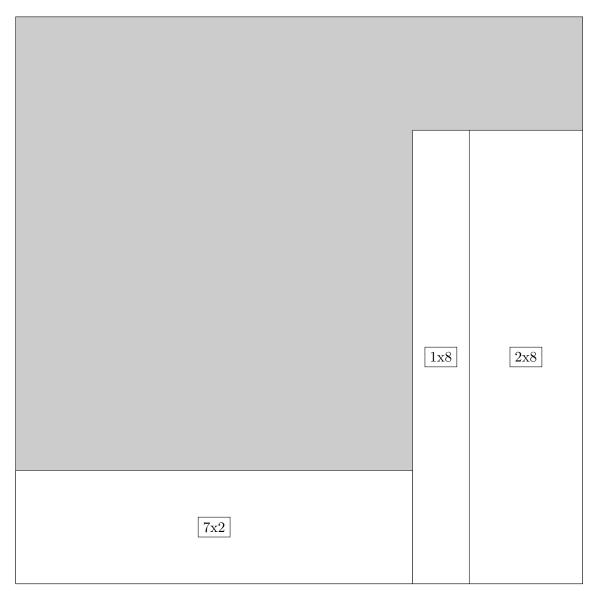
 $\begin{array}{l} w = 7 \;, \; h = 4 \;, \; x = 3 \;, \; y = 0 \;, \; v = 28 \\ w = 3 \;, \; h = 4 \;, \; x = 0 \;, \; y = 0 \;, \; v = 12 \\ w = 7 \;, \; h = 6 \;, \; x = 3 \;, \; y = 4 \;, \; v = 42 \\ w = 2 \;, \; h = 6 \;, \; x = 1 \;, \; y = 4 \;, \; v = 12 \end{array}$ 



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



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



$$\mathbf{w}$$
 =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