$ClassName: \ Class\_01.2bp-14$ 

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

TypeNum: <u>35</u> Num: <u>40</u> OutS: <u>1500</u> InS: <u>1376</u> Rate: <u>0.917</u> UB: <u>15</u> LB0: <u>15</u> LB: <u>15</u>

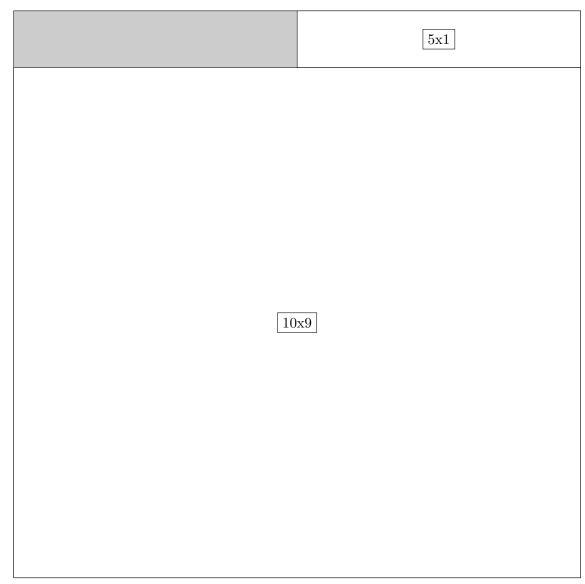
LBWithCut:  $\underline{\mathbf{15}}$ NodeCut:  $\underline{\mathbf{0}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{15}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

isOpt: **true** 

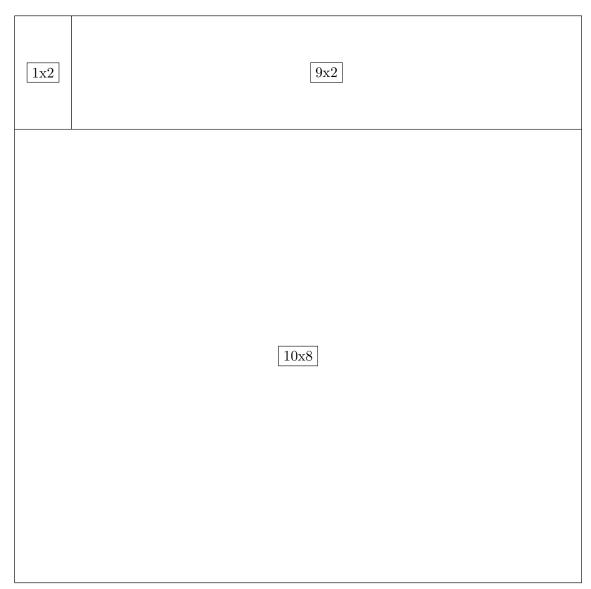
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 0.110 s



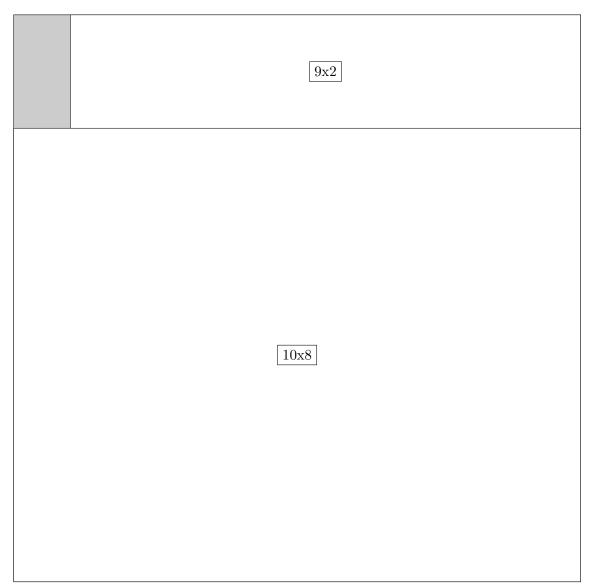
 $\mathbf{w}$  =10 , h =10 , x =0 , y =0 , v =100







 $\begin{array}{l} w = & 10 \ , \ h = & 8 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 80 \\ w = & 9 \ , \ h = & 2 \ , \ x = & 1 \ , \ y = & 8 \ , \ v = & 18 \\ w = & 1 \ , \ h = & 2 \ , \ x = & 0 \ , \ y = & 8 \ , \ v = & 2 \end{array}$ 



w =10, h =8, x =0, y =0, v =80 w =9, h =2, x =1, y =8, v =18

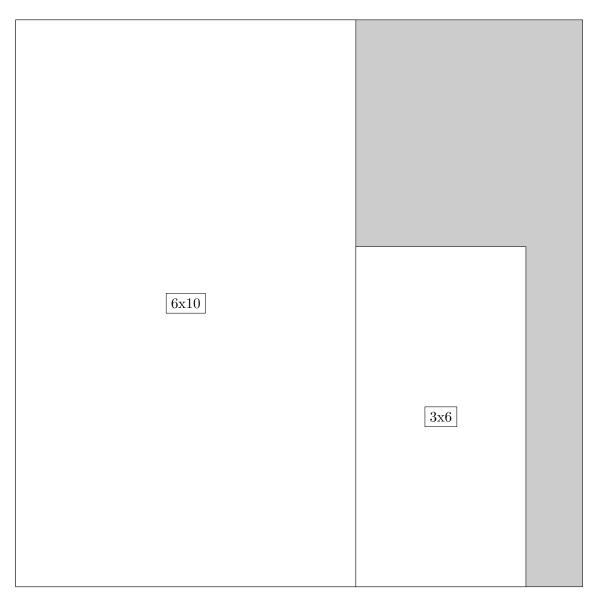


2x2	8x2			
	8x8		2x8	

$$\begin{array}{l} w = 8 \ , \, h = 8 \ , \, x = 0 \ , \, y = 0 \ , \, v = 64 \\ w = 8 \ , \, h = 2 \ , \, x = 2 \ , \, y = 8 \ , \, v = 16 \end{array}$$

$$w = 2$$
,  $h = 8$ ,  $x = 8$ ,  $y = 0$ ,  $v = 16$ 

$$w = 2$$
,  $h = 2$ ,  $x = 0$ ,  $y = 8$ ,  $v = 4$ 



w =6, h =10, x =0, y =0, v =60 w =3, h =6, x =6, y =0, v =18

10x3	
	2x3
8x7	2x4

$$\begin{array}{l} w = 8 \;,\; h = 7 \;,\; x = 0 \;,\; y = 0 \;,\; v = 56 \\ w = 10 \;,\; h = 3 \;,\; x = 0 \;,\; y = 7 \;,\; v = 30 \end{array}$$

$$w = 2$$
,  $h = 4$ ,  $x = 8$ ,  $y = 0$ ,  $v = 8$ 

$$\mathbf{w}$$
 =2 , h =3 , x =8 , y =4 , v =6

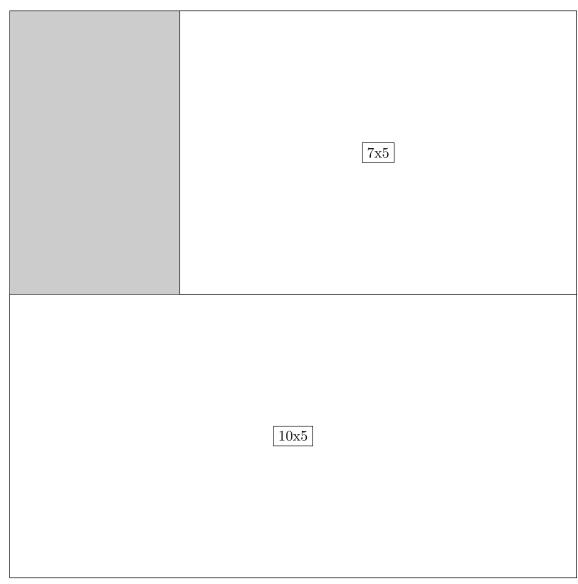
3x2	[6x2]	
6x8	4x8	

 $\mathbf{w}$  =6 ,  $\mathbf{h}$  =8 ,  $\mathbf{x}$  =0 ,  $\mathbf{y}$  =0 ,  $\mathbf{v}$  =48

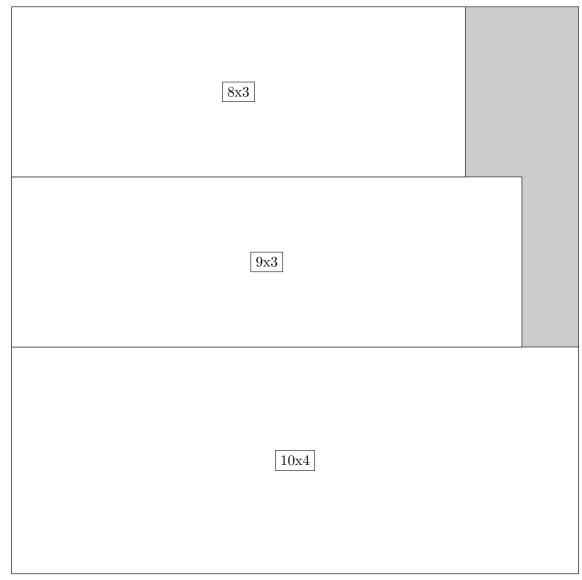
 $\le =4$  , h =8 , x =6 , y =0 , v =32

 $\mathbf{w}$  =6 , h =2 , x =4 , y =8 , v =12

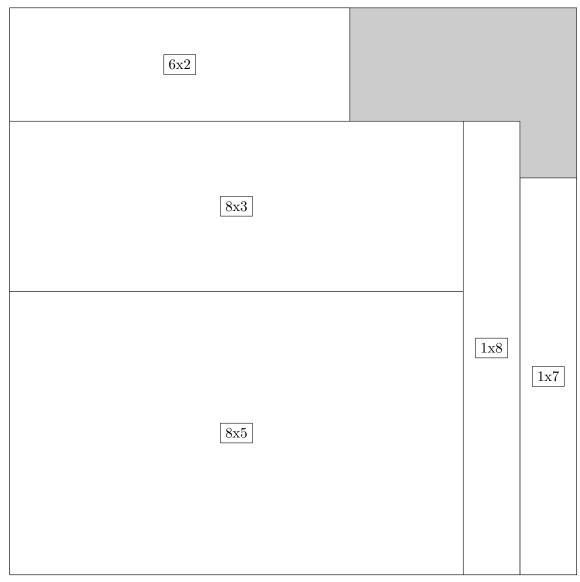
 $\mathbf{w}$  =3 , h =2 , x =1 , y =8 , v =6



w =10 , h =5 , x =0 , y =0 , v =50 w =7 , h =5 , x =3 , y =5 , v =35



$$\begin{array}{l} w = & 10 \ , \ h = & 4 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 40 \\ w = & 9 \ , \ h = & 3 \ , \ x = & 0 \ , \ y = & 4 \ , \ v = & 27 \\ w = & 8 \ , \ h = & 3 \ , \ x = & 0 \ , \ y = & 7 \ , \ v = & 24 \end{array}$$



$$\mathbf{w}$$
 =8 ,  $\mathbf{h}$  =5 ,  $\mathbf{x}$  =0 ,  $\mathbf{y}$  =0 ,  $\mathbf{v}$  =40

$$\mathbf{w}$$
 =1 , h =7 , x =9 , y =0 , v =7

$$\mathbf{w}$$
 =6 , h =2 , x =0 , y =8 , v =12

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

$$w=8$$
 ,  $h=3$  ,  $x=0$  ,  $y=5$  ,  $v=24$ 

