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: **6** LB: **6** 

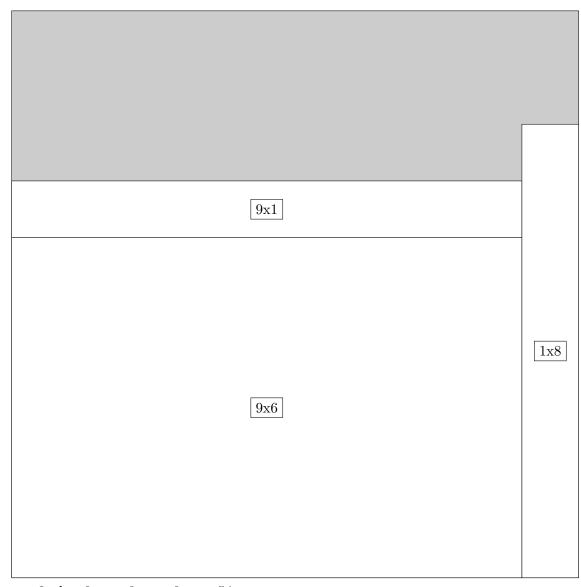
LBWithCut:  $\underline{\mathbf{6}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

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

TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{0.000 \text{ s}}$ TimeOnRmp:  $\underline{0.062 \text{ s}}$ TotalTime:  $\underline{0.125 \text{ s}}$ 



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

$$w = 1$$
,  $h = 8$ ,  $x = 9$ ,  $y = 0$ ,  $v = 8$ 

7x3	
	3x1 3x1
7x7	3x4
	OAT

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

$$\mathbf{w}$$
 =7 , h =3 , x =0 , y =7 , v =21

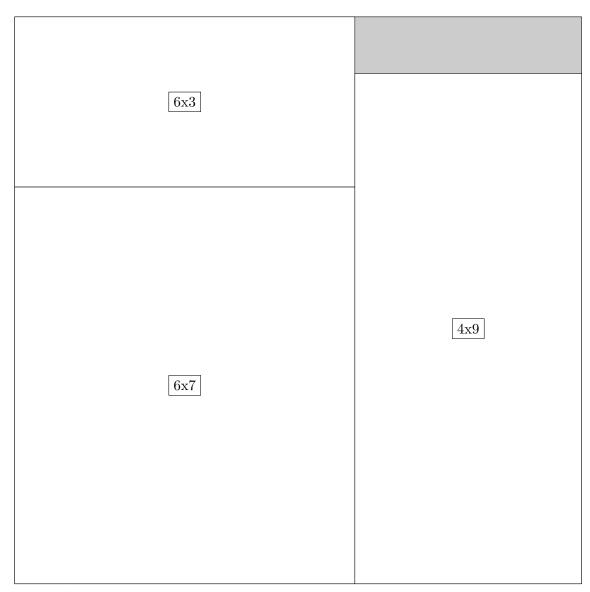
$$\le 3$$
 , h =4 , x =7 , y =0 , v =12

$$w = 3$$
,  $h = 1$ ,  $x = 7$ ,  $y = 5$ ,  $v = 3$ 

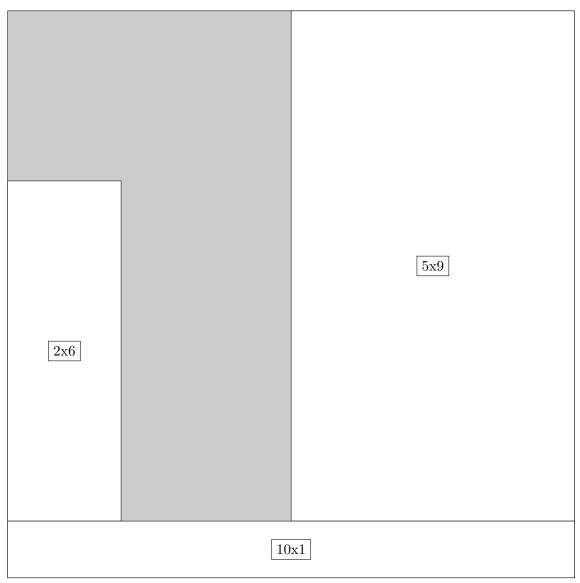
7x4	
7x6	3x8

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

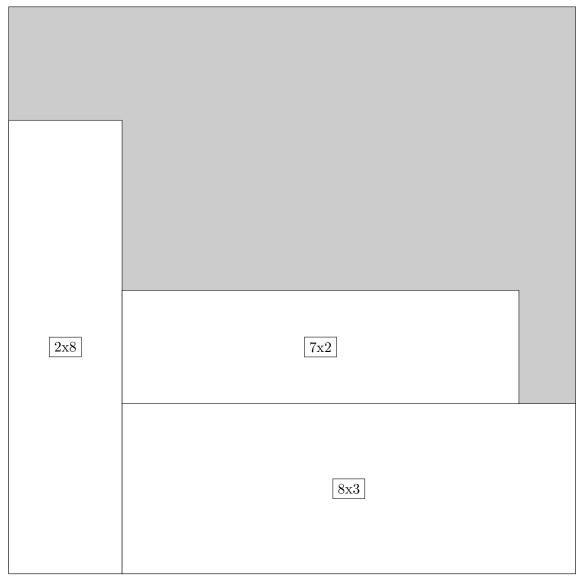
$$w = 7$$
,  $h = 4$ ,  $x = 0$ ,  $y = 0$ ,  $v = 28$   
 $w = 3$ ,  $h = 8$ ,  $x = 7$ ,  $y = 0$ ,  $v = 24$ 



 $\begin{array}{l} w=6 \ , \ h=7 \ , \ x=0 \ , \ y=0 \ , \ v=42 \\ w=6 \ , \ h=3 \ , \ x=0 \ , \ y=7 \ , \ v=18 \\ w=4 \ , \ h=9 \ , \ x=6 \ , \ y=0 \ , \ v=36 \end{array}$ 



 $\begin{array}{l} w = 5 \ , \ h = 9 \ , \ x = 5 \ , \ y = 1 \ , \ v = 45 \\ w = 2 \ , \ h = 6 \ , \ x = 0 \ , \ y = 1 \ , \ v = 12 \\ w = 10 \ , \ h = 1 \ , \ x = 0 \ , \ y = 0 \ , \ v = 10 \end{array}$ 



$$\begin{array}{l} w=2\ ,\, h=8\ ,\, x=0\ ,\, y=0\ ,\, v=16\\ w=8\ ,\, h=3\ ,\, x=2\ ,\, y=0\ ,\, v=24\\ w=7\ ,\, h=2\ ,\, x=2\ ,\, y=3\ ,\, v=14 \end{array}$$