${\bf ClassName:}~{\bf Class_01.2bp\text{-}19}$

BinSize: $\underline{10 \times 10}$ ReduceSize: $\underline{10 \times 10}$

TypeNum: <u>30</u> Num: <u>40</u> OutS: <u>1100</u> InS: <u>1026</u> Rate: <u>0.933</u> UB: <u>11</u>

UB: <u>11</u> LB0: <u>11</u> LB: <u>11</u>

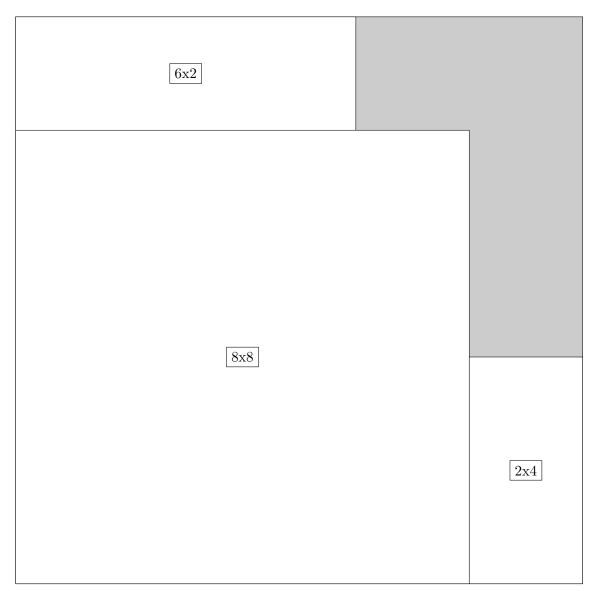
LBWithCut: $\underline{\mathbf{11}}$ NodeCut: $\underline{\mathbf{0}}$

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{11}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

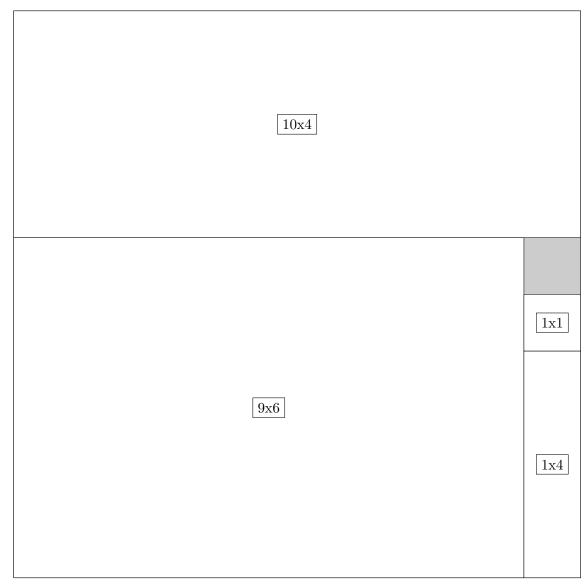
is Opt: $\underline{\mathbf{true}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 0.125 s



$$\begin{array}{l} w = 8 \;, \; h = 8 \;, \; x = 0 \;, \; y = 0 \;, \; v = 64 \\ w = 6 \;, \; h = 2 \;, \; x = 0 \;, \; y = 8 \;, \; v = 12 \end{array}$$

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



$$\begin{array}{l} w=9\ ,\ h=6\ ,\ x=0\ ,\ y=0\ ,\ v=54\\ w=10\ ,\ h=4\ ,\ x=0\ ,\ y=6\ ,\ v=40\\ w=1\ ,\ h=4\ ,\ x=9\ ,\ y=0\ ,\ v=4\\ w=1\ ,\ h=1\ ,\ x=9\ ,\ y=4\ ,\ v=1 \end{array}$$



 $\begin{array}{l} w = 6 \ , \ h = 9 \ , \ x = 0 \ , \ y = 0 \ , \ v = 54 \\ w = 4 \ , \ h = 9 \ , \ x = 6 \ , \ y = 0 \ , \ v = 36 \\ w = 10 \ , \ h = 1 \ , \ x = 0 \ , \ y = 9 \ , \ v = 10 \end{array}$

[3x2]		7x2	
			7
6x	c8	4x8	

$$w = 6$$
, $h = 8$, $x = 0$, $y = 0$, $v = 48$

$$\begin{array}{l} w = \! 4 \ , \ h = \! 8 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 32 \\ w = \! 7 \ , \ h = \! 2 \ , \ x = \! 3 \ , \ y = \! 8 \ , \ v = \! 14 \end{array}$$

 $[\]mathbf{w}$ =3 , h =2 , x =0 , y =8 , v =6

6x8 4x8	3x1 3x1		[7x2]
6x8 4x8			
6x8 4x8			
	6x	8	4x8

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

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

$$\mathbf{w}$$
 =7 , h =2 , x =3 , y =8 , v =
14

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

$7\mathrm{x}4$	3x5
7x6	3x5

$$w = 7$$
, $h = 6$, $x = 0$, $y = 0$, $v = 42$

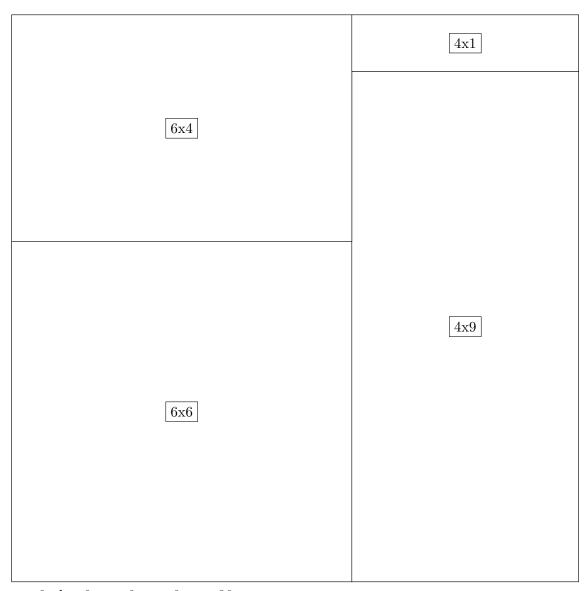
$$\mathbf{w}$$
 =7 , h =4 , x =0 , y =6 , v =28

$$\mathbf{w}$$
 =3 , h =5 , x =7 , y =0 , v =15

$$\mathbf{w}$$
 =3 , h =5 , x =7 , y =5 , v =
15

8x3			
6x7		4x7	

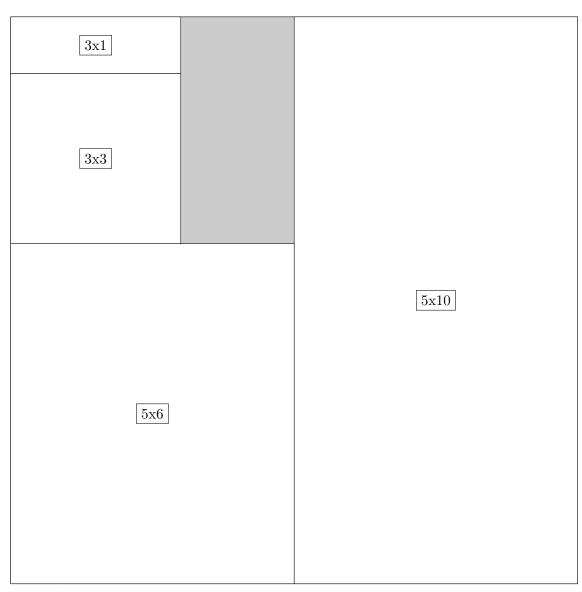
 $\begin{array}{l} w=6\ ,\, h=7\ ,\, x=0\ ,\, y=0\ ,\, v=42\\ w=4\ ,\, h=7\ ,\, x=6\ ,\, y=0\ ,\, v=28\\ w=8\ ,\, h=3\ ,\, x=2\ ,\, y=7\ ,\, v=24 \end{array}$



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

$$\mathbf{w}$$
 =6 , h =4 , x =0 , y =6 , v =24

$$\mathbf{w}$$
 =4 , h =1 , x =6 , y =9 , v =4

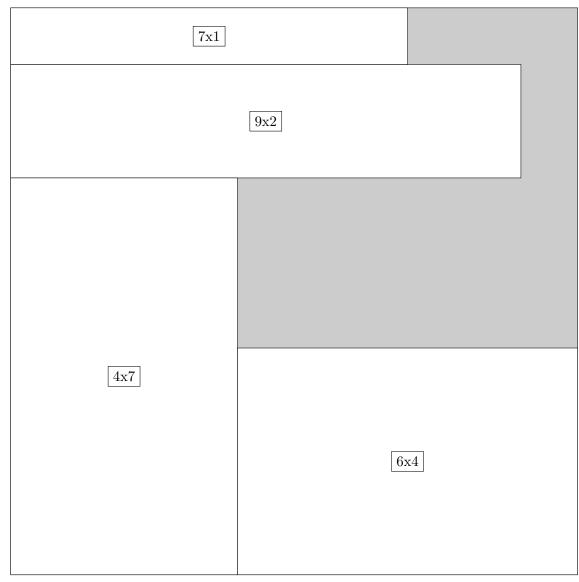


$$\le =5$$
 , h =10 , x =5 , y =0 , v =50

$$\mathbf{w}$$
 =5 , h =6 , x =0 , y =0 , v =30

$$\le 3$$
 , h =
3 , x =
0 , y =
6 , v =
9

$$\mathbf{w}$$
 =3 , h =1 , x =0 , y =9 , v =3



$$w = 9$$
, $h = 2$, $x = 0$, $y = 7$, $v = 18$

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

$$\mathbf{w}$$
 =6 , h =4 , x =4 , y =0 , v =24

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

