$ClassName: \ Class_01.2bp\text{-}18$

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

TypeNum: <u>36</u>
Num: <u>40</u>
OutS: <u>1100</u>
InS: <u>1008</u>
Rate: <u>0.916</u>
UB: <u>11</u>

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

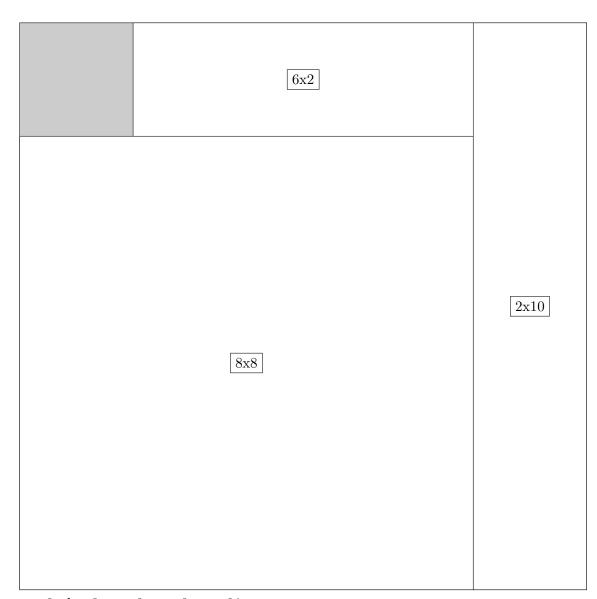
LBWithCut: $\underline{\mathbf{11}}$ NodeCut: $\underline{\mathbf{0}}$

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

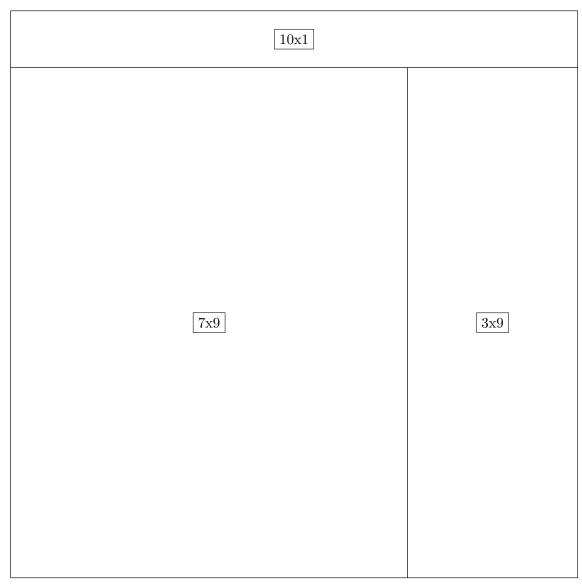
isOpt: $\underline{\mathbf{true}}$

TimeOnInitSolution: 0.020 sTimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.145 s

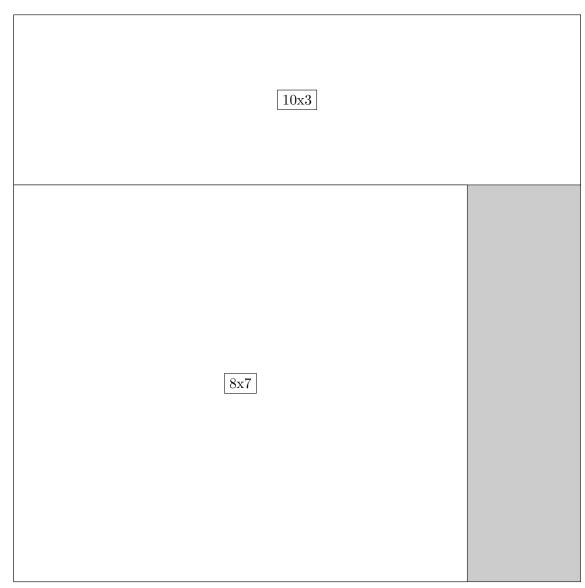


$$\mathbf{w}$$
 =2 , h =10 , x =8 , y =0 , v =20

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



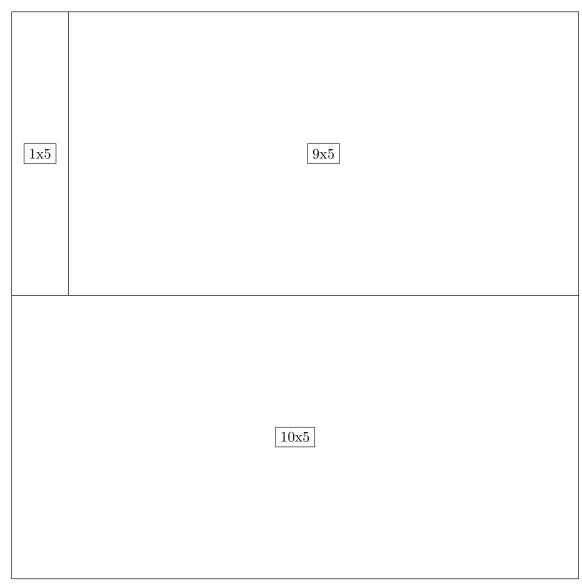
 $\begin{array}{l} w = 7 \ , \ h = 9 \ , \ x = 0 \ , \ y = 0 \ , \ v = 63 \\ w = 3 \ , \ h = 9 \ , \ x = 7 \ , \ y = 0 \ , \ v = 27 \\ w = 10 \ , \ h = 1 \ , \ x = 0 \ , \ y = 9 \ , \ v = 10 \end{array}$



w =10, h =3, x =0, y =7, v =30 w =8, h =7, x =0, y =0, v =56

$10\mathrm{x}4$	
7x6	3x6

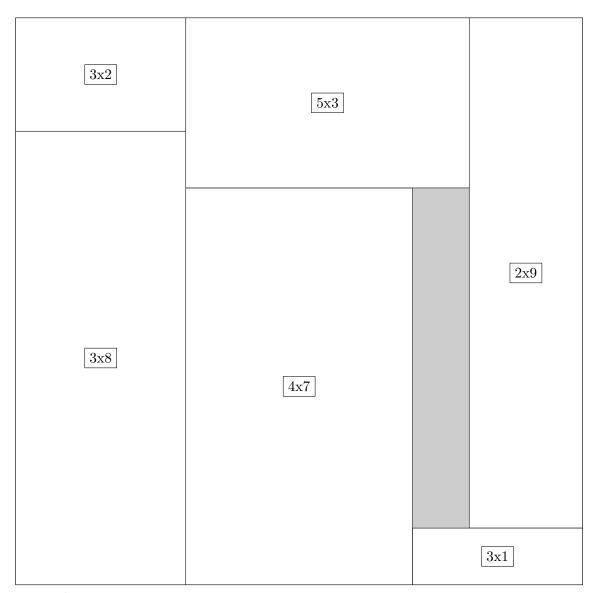
 $\begin{array}{l} w = \! 10 \; , \; h = \! 4 \; , \; x = \! 0 \; , \; y = \! 6 \; , \; v = \! 40 \\ w = \! 3 \; , \; h = \! 6 \; , \; x = \! 7 \; , \; y = \! 0 \; , \; v = \! 18 \\ w = \! 7 \; , \; h = \! 6 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 42 \end{array}$



$$\begin{array}{l} w = \! 10 \ , \ h = \! 5 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 50 \\ w = \! 9 \ , \ h = \! 5 \ , \ x = \! 1 \ , \ y = \! 5 \ , \ v = \! 45 \\ w = \! 1 \ , \ h = \! 5 \ , \ x = \! 0 \ , \ y = \! 5 \ , \ v = \! 5 \end{array}$$

	$6\mathrm{x}4$
4x10	6x3
	6x3

 $\begin{array}{l} w=6 \ , \ h=4 \ , \ x=4 \ , \ y=6 \ , \ v=24 \\ w=4 \ , \ h=10 \ , \ x=0 \ , \ y=0 \ , \ v=40 \\ w=6 \ , \ h=3 \ , \ x=4 \ , \ y=3 \ , \ v=18 \\ w=6 \ , \ h=3 \ , \ x=4 \ , \ y=0 \ , \ v=18 \end{array}$



$$\begin{array}{l} w = 3 \ , \ h = 8 \ , \ x = 0 \ , \ y = 0 \ , \ v = 24 \\ w = 4 \ , \ h = 7 \ , \ x = 3 \ , \ y = 0 \ , \ v = 28 \\ w = 2 \ , \ h = 9 \ , \ x = 8 \ , \ y = 1 \ , \ v = 18 \\ w = 5 \ , \ h = 3 \ , \ x = 3 \ , \ y = 7 \ , \ v = 15 \\ w = 3 \ , \ h = 2 \ , \ x = 0 \ , \ y = 8 \ , \ v = 6 \\ w = 3 \ , \ h = 1 \ , \ x = 7 \ , \ y = 0 \ , \ v = 3 \end{array}$$

3x1	4x1		
	7x5	2x6	1x10
9x3			
	9x1		

$$w = 7$$
, $h = 5$, $x = 0$, $y = 4$, $v = 35$

$$\mathbf{w}=9$$
 , $\mathbf{h}=3$, $\mathbf{x}=0$, $\mathbf{y}=1$, $\mathbf{v}=27$

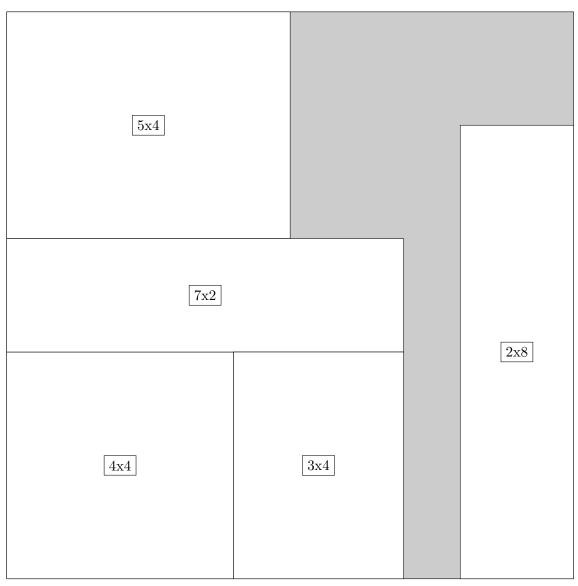
$$\mathbf{w}$$
 =2 , h =6 , x =7 , y =4 , v =12

$$\mathbf{w}$$
 =1 , h =10 , x =9 , y =0 , v =10

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

$$\mathbf{w}$$
 =4 , h =1 , x =3 , y =9 , v =4

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



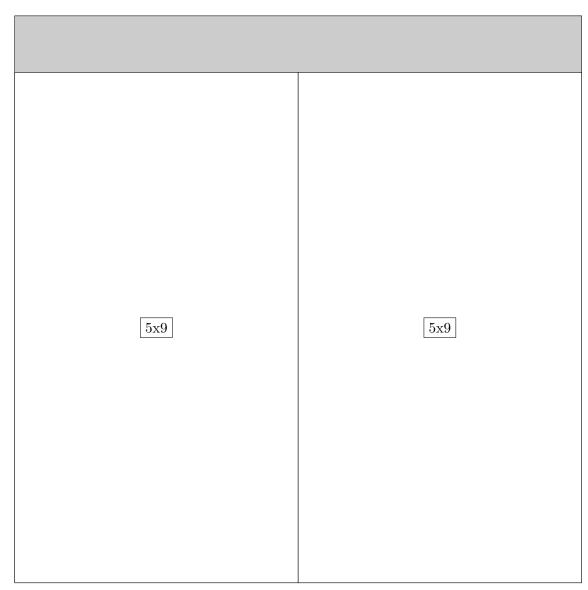
$$w=4$$
 , $h=4$, $x=0$, $y=0$, $v=16$

$$w$$
 =5 , h =4 , x =0 , y =6 , v =20

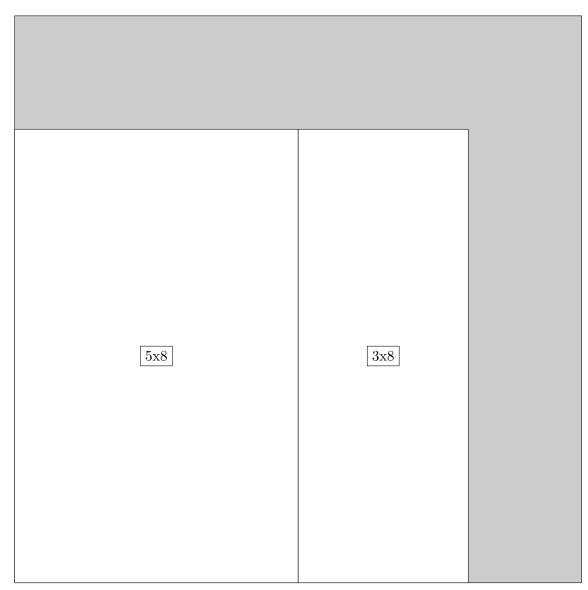
$$\le = 2$$
 , h =
8 , x =
8 , y =
0 , v =
16

$$\mathbf{w}$$
 =7 , h =2 , x =0 , y =4 , v =14

$$w = 3$$
, $h = 4$, $x = 4$, $y = 0$, $v = 12$



w =5, h =9, x =0, y =0, v =45 w =5, h =9, x =5, y =0, v =45



w =5, h =8, x =0, y =0, v =40 w =3, h =8, x =5, y =0, v =24