$ClassName: \ Class\_01.2bp-26$ 

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

TypeNum:  $\underline{48}$ Num:  $\underline{60}$ OutS:  $\underline{1600}$ InS:  $\underline{1480}$ Rate:  $\underline{0.925}$ UB:  $\underline{16}$ 

LB:  $\underline{16}$ LBWithCut:  $\underline{16}$ NodeCount:  $\underline{0}$ PrimalNode:  $\underline{0}$ ColumnCount:  $\underline{16}$ TotalCutCount:  $\underline{0}$ RootCutCount:  $\underline{0}$ LPSolverCnt:  $\underline{1}$ 

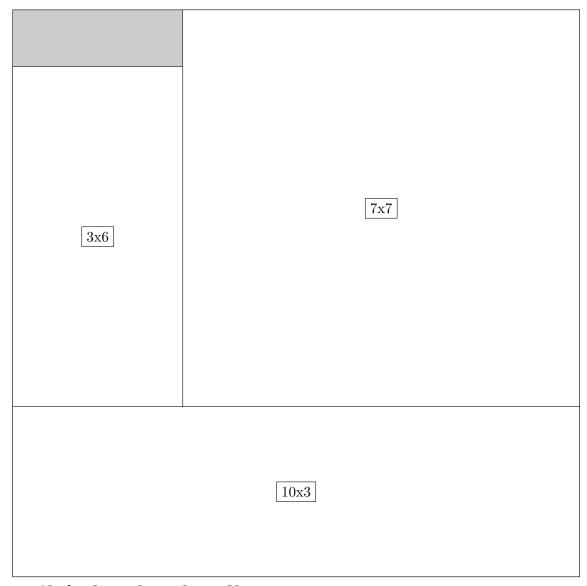
PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

isOpt: **true** 

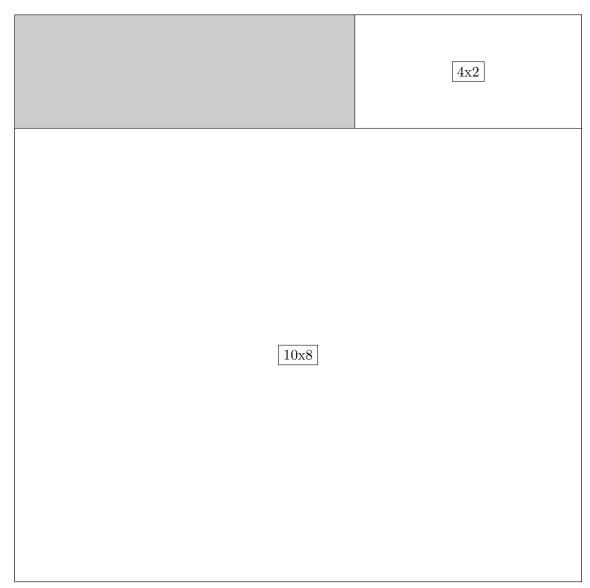
 $\begin{array}{ll} \text{TimeOnPrimal: } \underline{0.000 \text{ s}} \\ \text{TimeOnPricing: } \underline{0.000 \text{ s}} \\ \text{TimeOnRmp: } \underline{0.063 \text{ s}} \\ \text{TotalTime: } \underline{0.193 \text{ s}} \end{array}$ 

1x2			
1x7	3x10	6x10	

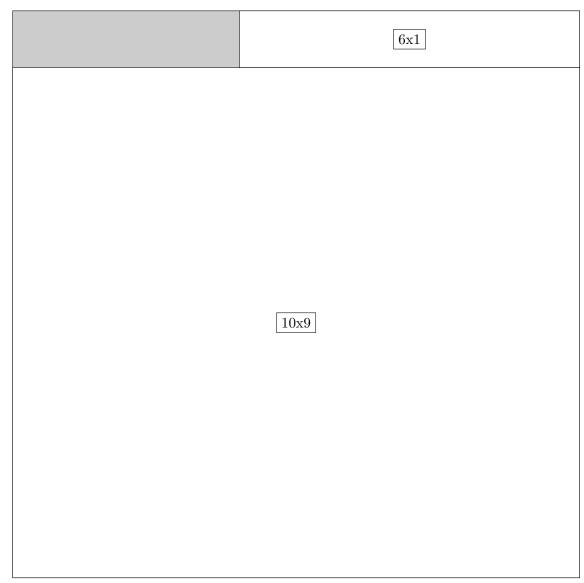
$$\begin{array}{l} w = 6 \ , \ h = \! 10 \ , \ x = \! 4 \ , \ y = \! 0 \ , \ v = \! 60 \\ w = \! 3 \ , \ h = \! 10 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 30 \\ w = \! 1 \ , \ h = \! 7 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7 \\ w = \! 1 \ , \ h = \! 2 \ , \ x = \! 0 \ , \ y = \! 7 \ , \ v = \! 2 \end{array}$$

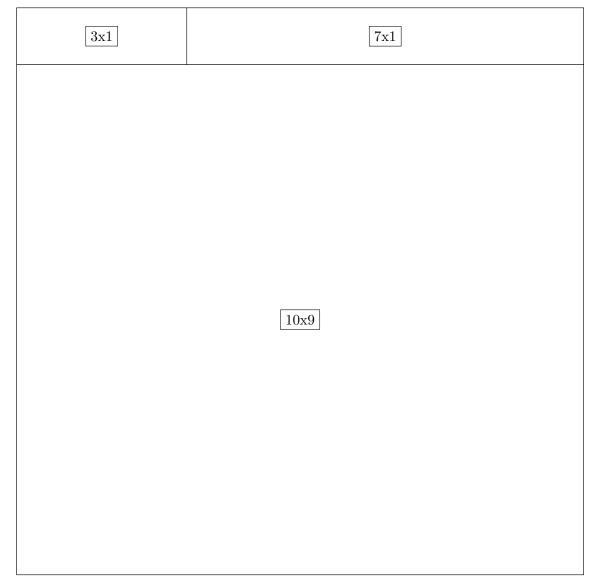


 $\begin{array}{l} w = & 10 \;,\; h = & 3 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 30 \\ w = & 7 \;,\; h = & 7 \;,\; x = & 3 \;,\; y = & 3 \;,\; v = & 49 \\ w = & 3 \;,\; h = & 6 \;,\; x = & 0 \;,\; y = & 3 \;,\; v = & 18 \end{array}$ 



w =10, h =8, x =0, y =0, v =80 w =4, h =2, x =6, y =8, v =8

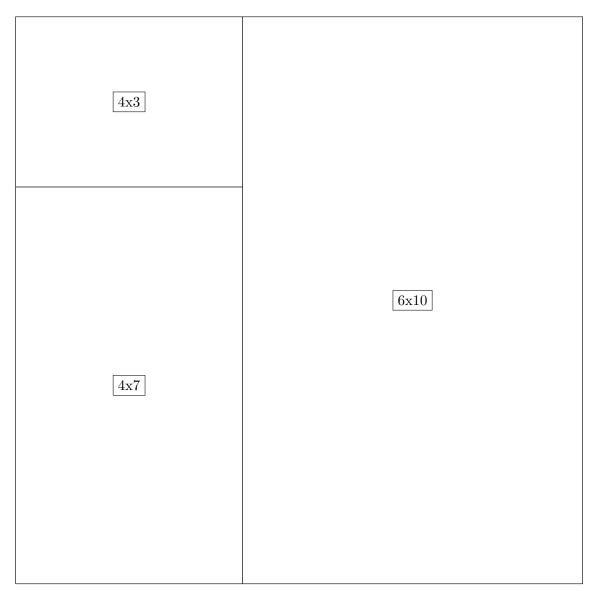




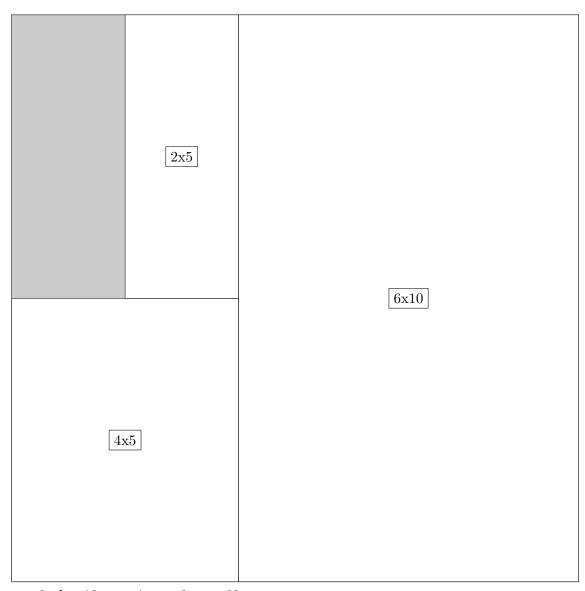
$$w = 10$$
,  $h = 9$ ,  $x = 0$ ,  $y = 0$ ,  $v = 90$ 

$$\mathbf{w}$$
 =7 , h =1 , x =3 , y =9 , v =7

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



 $\begin{array}{l} w = 6 \ , \ h = \! 10 \ , \ x = \! 4 \ , \ y = \! 0 \ , \ v = \! 60 \\ w = \! 4 \ , \ h = \! 7 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 28 \\ w = \! 4 \ , \ h = \! 3 \ , \ x = \! 0 \ , \ y = \! 7 \ , \ v = \! 12 \end{array}$ 

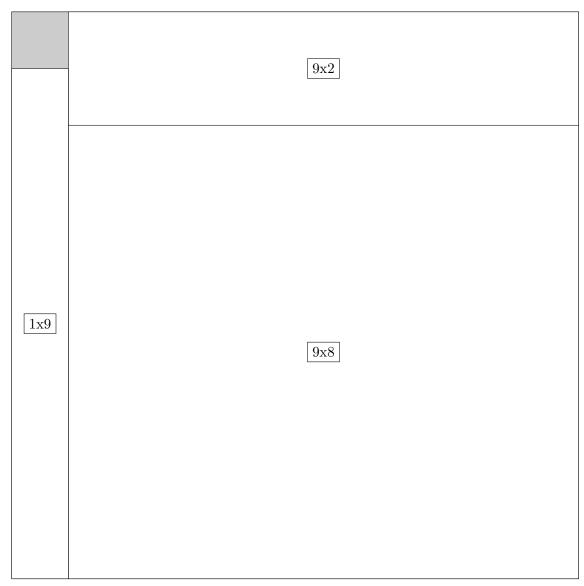


 $\begin{array}{l} w = 6 \ , \ h = \! 10 \ , \ x = \! 4 \ , \ y = \! 0 \ , \ v = \! 60 \\ w = \! 4 \ , \ h = \! 5 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 20 \end{array}$ 

 $\mathbf{w}$  =2 , h =5 , x =2 , y =5 , v =10

1x1		$\boxed{9\mathrm{x}1}$
	[5x1]	
	5x8	5x9

$$\begin{array}{l} w=5 \ , \ h=9 \ , \ x=5 \ , \ y=0 \ , \ v=45 \\ w=5 \ , \ h=8 \ , \ x=0 \ , \ y=0 \ , \ v=40 \\ w=5 \ , \ h=1 \ , \ x=0 \ , \ y=8 \ , \ v=5 \\ w=9 \ , \ h=1 \ , \ x=1 \ , \ y=9 \ , \ v=9 \\ w=1 \ , \ h=1 \ , \ x=0 \ , \ y=9 \ , \ v=1 \end{array}$$

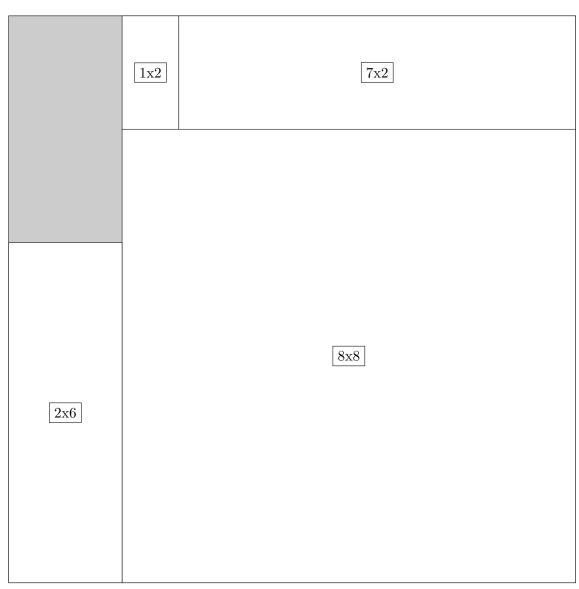


$$\begin{array}{l} w = 9 \ , \ h = 8 \ , \ x = 1 \ , \ y = 0 \ , \ v = 72 \\ w = 9 \ , \ h = 2 \ , \ x = 1 \ , \ y = 8 \ , \ v = 18 \\ w = 1 \ , \ h = 9 \ , \ x = 0 \ , \ y = 0 \ , \ v = 9 \end{array}$$

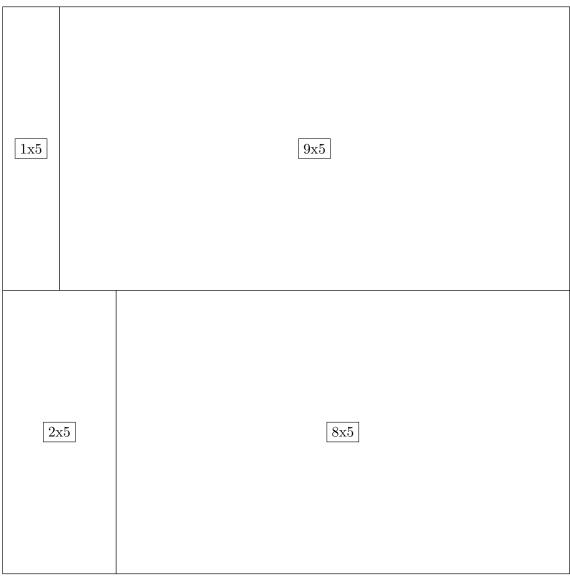
	6x1
3x1	
3x8	7x9

$$\begin{array}{l} w = 7 \; , \; h = 9 \; , \; x = 3 \; , \; y = 0 \; , \; v = 63 \\ w = 3 \; , \; h = 8 \; , \; x = 0 \; , \; y = 0 \; , \; v = 24 \\ w = 3 \; , \; h = 1 \; , \; x = 0 \; , \; y = 8 \; , \; v = 3 \end{array}$$

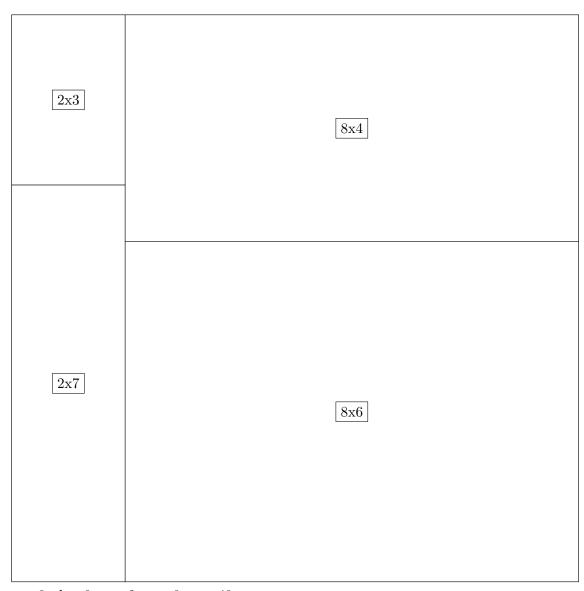
$$w = 6$$
,  $h = 1$ ,  $x = 4$ ,  $y = 9$ ,  $v = 6$ 



$$\begin{array}{l} w=8 \ , \ h=8 \ , \ x=2 \ , \ y=0 \ , \ v=64 \\ w=7 \ , \ h=2 \ , \ x=3 \ , \ y=8 \ , \ v=14 \\ w=1 \ , \ h=2 \ , \ x=2 \ , \ y=8 \ , \ v=2 \\ w=2 \ , \ h=6 \ , \ x=0 \ , \ y=0 \ , \ v=12 \end{array}$$



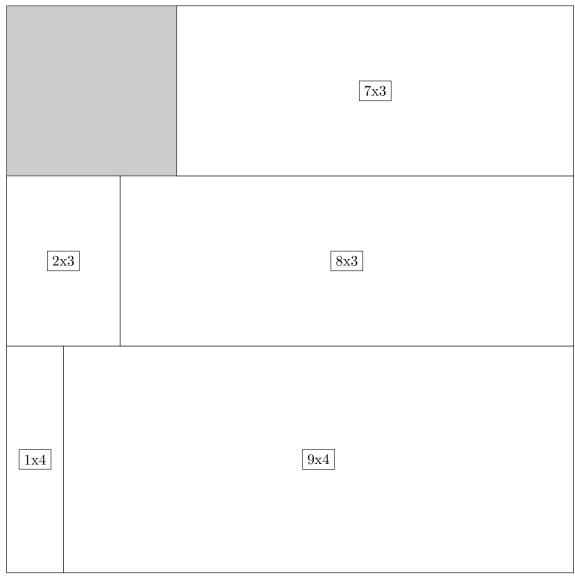
$$\begin{array}{l} w=8 \ , \ h=5 \ , \ x=2 \ , \ y=0 \ , \ v=40 \\ w=2 \ , \ h=5 \ , \ x=0 \ , \ y=0 \ , \ v=10 \\ w=9 \ , \ h=5 \ , \ x=1 \ , \ y=5 \ , \ v=45 \\ w=1 \ , \ h=5 \ , \ x=0 \ , \ y=5 \ , \ v=5 \end{array}$$



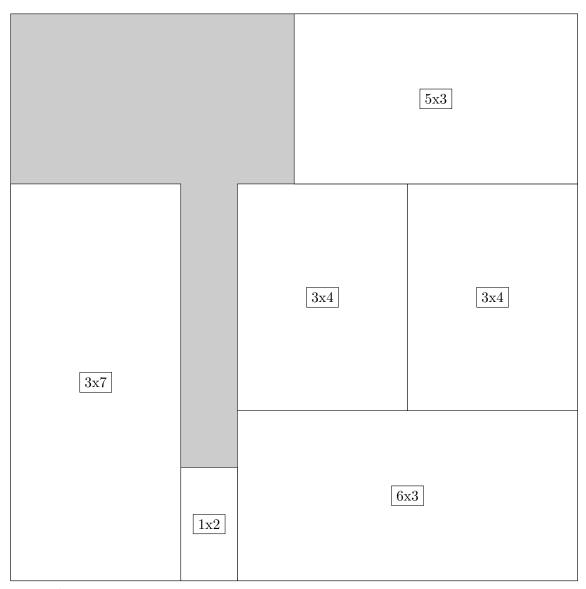
$$\begin{array}{l} w = 8 \ , \ h = 6 \ , \ x = 2 \ , \ y = 0 \ , \ v = 48 \\ w = 8 \ , \ h = 4 \ , \ x = 2 \ , \ y = 6 \ , \ v = 32 \end{array}$$

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

$$\mathbf{w}$$
 =2 , h =3 , x =0 , y =7 , v =6



$$\begin{array}{l} w=9\ ,\, h=4\ ,\, x=1\ ,\, y=0\ ,\, v=36\\ w=1\ ,\, h=4\ ,\, x=0\ ,\, y=0\ ,\, v=4\\ w=8\ ,\, h=3\ ,\, x=2\ ,\, y=4\ ,\, v=24\\ w=2\ ,\, h=3\ ,\, x=0\ ,\, y=4\ ,\, v=6\\ w=7\ ,\, h=3\ ,\, x=3\ ,\, y=7\ ,\, v=21 \end{array}$$



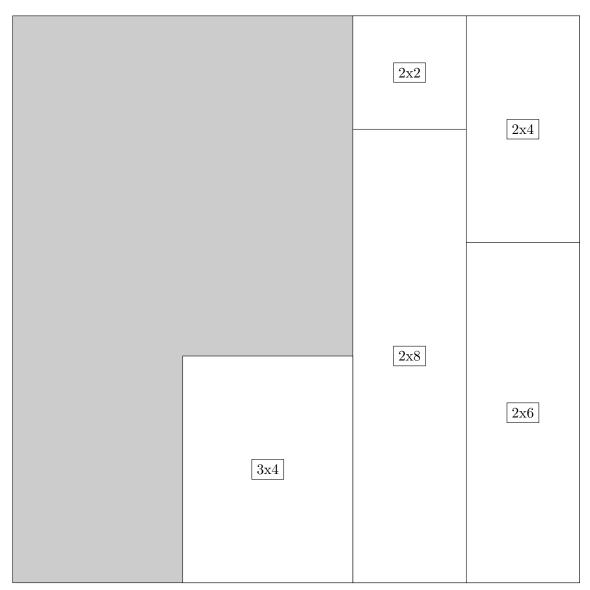
 $\begin{array}{l} w = 6 \ , \ h = 3 \ , \ x = 4 \ , \ y = 0 \ , \ v = 18 \\ w = 1 \ , \ h = 2 \ , \ x = 3 \ , \ y = 0 \ , \ v = 2 \end{array}$ 

w = 3, h = 2, x = 0, y = 0, v = 2w = 3, h = 4, x = 7, y = 3, v = 12

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

w =5 , h =3 , x =5 , y =7 , v =15

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



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

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

$$\mathbf{w}$$
 =2 , h =8 , x =6 , y =0 , v =  
16

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

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