$ClassName: \ Class\_01.2bp-16$ 

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

TypeNum:  $\underline{32}$ Num:  $\underline{40}$ OutS:  $\underline{1100}$ InS:  $\underline{1074}$ Rate:  $\underline{0.976}$ UB:  $\underline{11}$ 

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

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.140 s



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



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

[7x1]	
8x9	2x10

w = 8, h = 9, x = 0, y = 0, v = 72

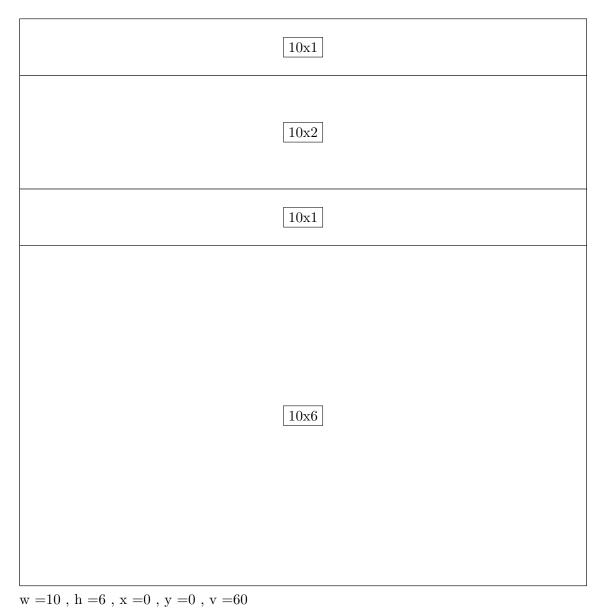
 $\mathbf{w}$  =2 , h =10 , x =8 , y =0 , v =20

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

[7x1]	
[7x9]	3x10

 $\begin{array}{l} w = 7 \ , \ h = 9 \ , \ x = 0 \ , \ y = 0 \ , \ v = 63 \\ w = 3 \ , \ h = 10 \ , \ x = 7 \ , \ y = 0 \ , \ v = 30 \\ w = 7 \ , \ h = 1 \ , \ x = 0 \ , \ y = 9 \ , \ v = 7 \end{array}$ 





$$w = 10 , n = 2 , x = 0 , y = i , v = 20$$

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

3x3	$\boxed{4\mathrm{x}3}$	
		3x10
	7x7	

 $\mathbf{w}$  =7 , h =7 , x =0 , y =0 , v =49

 $\mathbf{w}$  =3 , h =10 , x =7 , y =0 , v =30

 $\mathbf{w}$  =4 , h =3 , x =3 , y =7 , v =12

2x2 3x2 5x2	$5\mathrm{x}4$
8x6	2x6

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

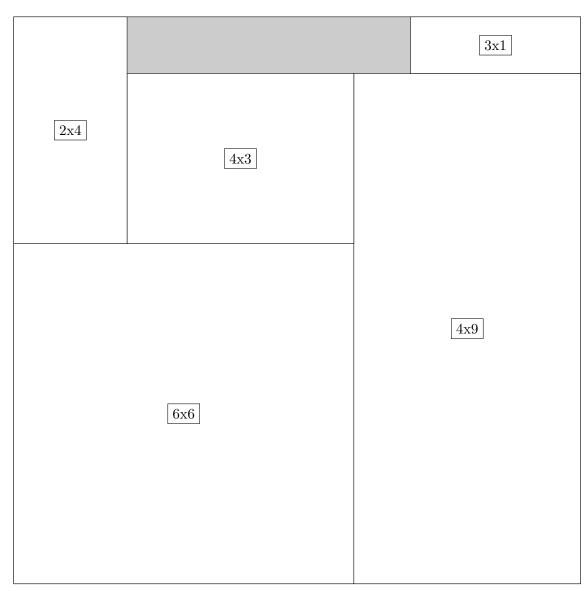
$$w$$
 =5 , h =4 , x =5 , y =6 , v =20

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

$$\mathbf{w}$$
 =5 , h =2 , x =0 , y =6 , v =10

$$w = 3$$
,  $h = 2$ ,  $x = 2$ ,  $y = 8$ ,  $v = 6$ 

$$\mathbf{w}$$
 =2 ,  $\mathbf{h}$  =2 ,  $\mathbf{x}$  =0 ,  $\mathbf{y}$  =8 ,  $\mathbf{v}$  =4



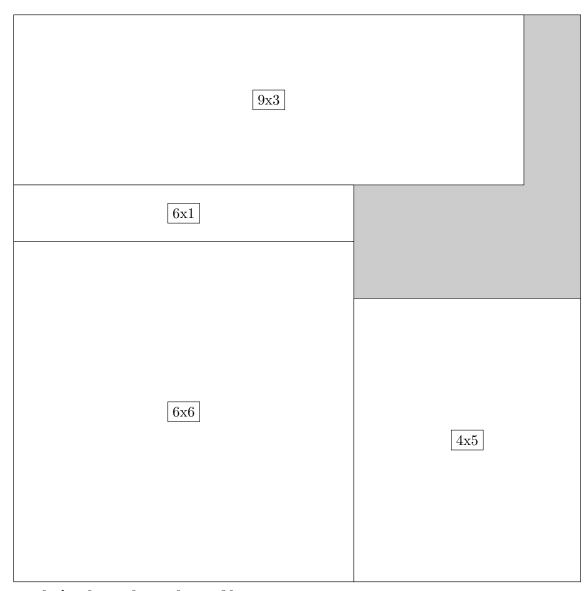
 $\mathbf{w}$  =6 ,  $\mathbf{h}$  =6 ,  $\mathbf{x}$  =0 ,  $\mathbf{y}$  =0 ,  $\mathbf{v}$  =36

 $\mathbf{w}$  =4 , h =9 , x =6 , y =0 , v =36

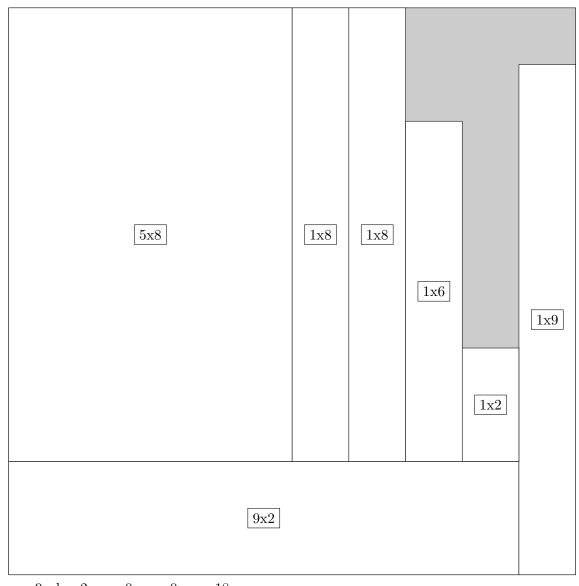
w =4, h =3, x =2, y =6, v =12

 $\mathbf{w}$  =2 , h =4 , x =0 , y =6 , v =8

w = 3, h = 1, x = 7, y = 9, v = 3



$$\begin{array}{l} w=6 \ , \ h=6 \ , \ x=0 \ , \ y=0 \ , \ v=36 \\ w=9 \ , \ h=3 \ , \ x=0 \ , \ y=7 \ , \ v=27 \\ w=4 \ , \ h=5 \ , \ x=6 \ , \ y=0 \ , \ v=20 \\ w=6 \ , \ h=1 \ , \ x=0 \ , \ y=6 \ , \ v=6 \end{array}$$



$$w$$
 =5 , h =8 , x =0 , y =2 , v =40

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

$$w = 1, h = 8, x = 5, y = 2, v = 8$$

$$w = 1$$
,  $h = 8$ ,  $x = 6$ ,  $y = 2$ ,  $v = 8$ 

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