ClassName:  $Class\_01.2bp-1$ 

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

TypeNum:  $\underline{18}$  Num:  $\underline{20}$  OutS:  $\underline{500}$  InS:  $\underline{433}$  Rate:  $\underline{0.866}$ 

UB: <u>5</u> LB0: <u>5</u> LB: <u>5</u>

LBWithCut:  $\underline{\mathbf{5}}$ NodeCut:  $\underline{\mathbf{0}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{5}}$ 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: 0.060 sTotalTime: 0.119 s

3x1	5x1	
	8x9	2x10
	OX9	

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

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

$$\mathbf{w}$$
 =5 , h =1 , x =3 , y =9 , v =5

	1x1		
		1x4	2x4
7x9			26
			3x6

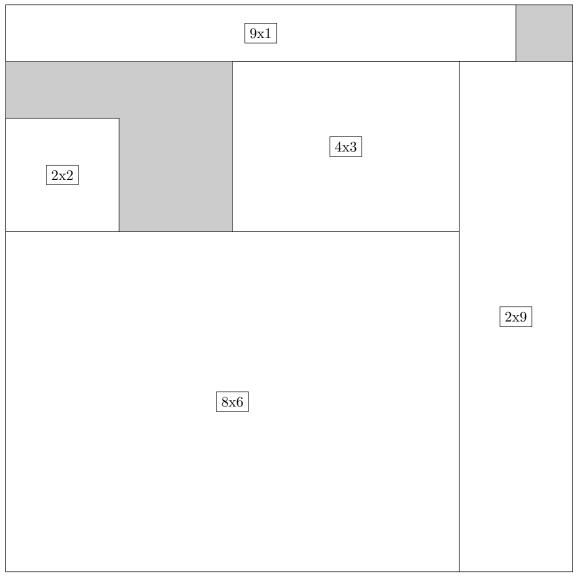
$$w = 7$$
,  $h = 9$ ,  $x = 0$ ,  $y = 0$ ,  $v = 63$ 

$$\mathbf{w}$$
 =3 , h =6 , x =7 , y =0 , v =  
18

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

$$w = 1$$
,  $h = 4$ ,  $x = 7$ ,  $y = 6$ ,  $v = 4$ 

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



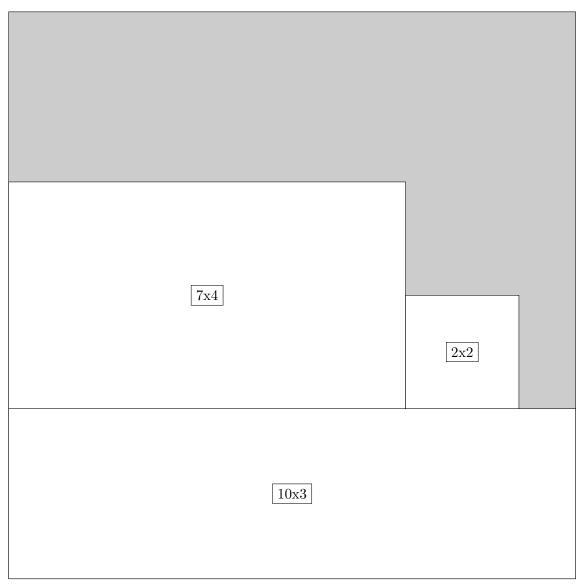
$$\mathbf{w}$$
 =8 , h =6 , x =0 , y =0 , v =48

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

$$\mathbf{w}$$
 =2 , h =9 , x =8 , y =0 , v =18

$$\mathbf{w}$$
 =4 , h =3 , x =4 , y =6 , v =12

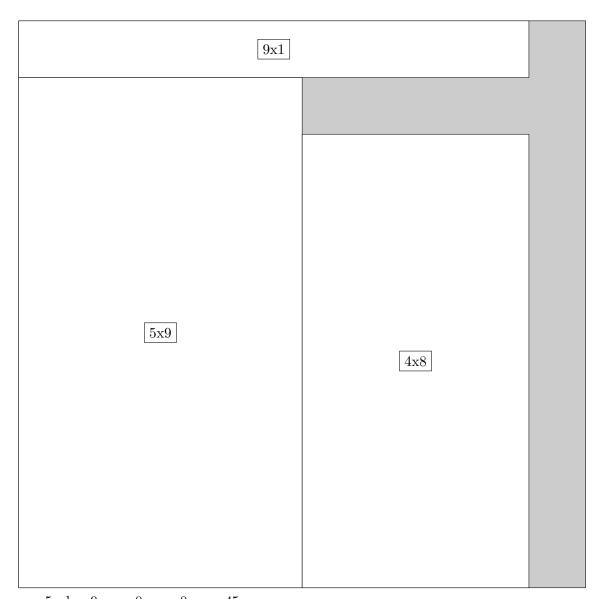
$$w = 2$$
,  $h = 2$ ,  $x = 0$ ,  $y = 6$ ,  $v = 4$ 



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

$$\mathbf{w}$$
 =7 , h =4 , x =0 , y =3 , v =28

$$w=2$$
 ,  $h=2$  ,  $x=7$  ,  $y=3$  ,  $v=4$ 



$$\begin{array}{l} w = 5 \ , \ h = 9 \ , \ x = 0 \ , \ y = 0 \ , \ v = 45 \\ w = 4 \ , \ h = 8 \ , \ x = 5 \ , \ y = 0 \ , \ v = 32 \\ w = 9 \ , \ h = 1 \ , \ x = 0 \ , \ y = 9 \ , \ v = 9 \end{array}$$