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

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

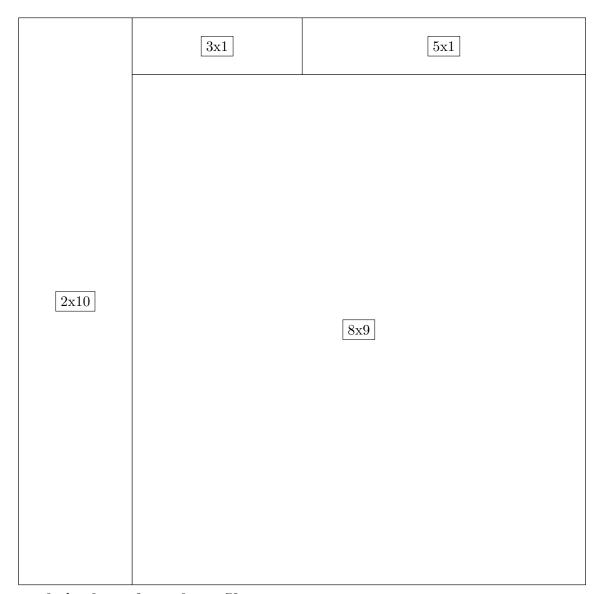
TypeNum:  $\underline{18}$ Num:  $\underline{20}$ OutS:  $\underline{500}$ InS:  $\underline{433}$ Rate:  $\underline{0.866}$ 

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

LBWithCut:  $\underline{\mathbf{5}}$ NodeCount:  $\underline{\mathbf{0}}$ 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** 

 $\begin{array}{ll} \mbox{TimeOnPrimal: } \underline{0.000 \ s} \\ \mbox{TimeOnPricing: } \underline{0.000 \ s} \\ \mbox{TimeOnRmp: } \underline{0.062 \ s} \\ \mbox{TotalTime: } \underline{0.187 \ s} \end{array}$ 

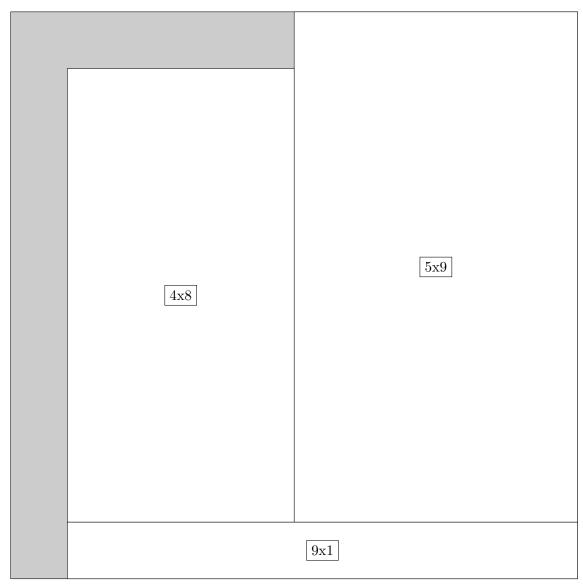


 $\mathbf{w}$  =8 , h =9 , x =2 , y =0 , v =72

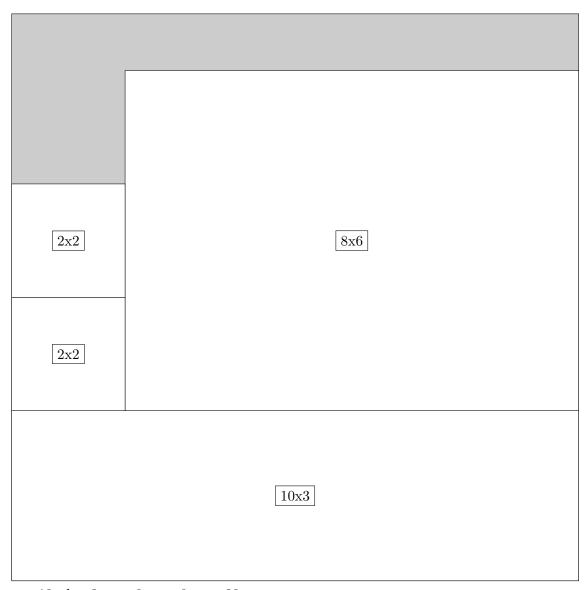
 $\mathbf{w}$  =5 , h =1 , x =5 , y =9 , v =5

 $\le 3$  , h =1 , x =2 , y =9 , v =3

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



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

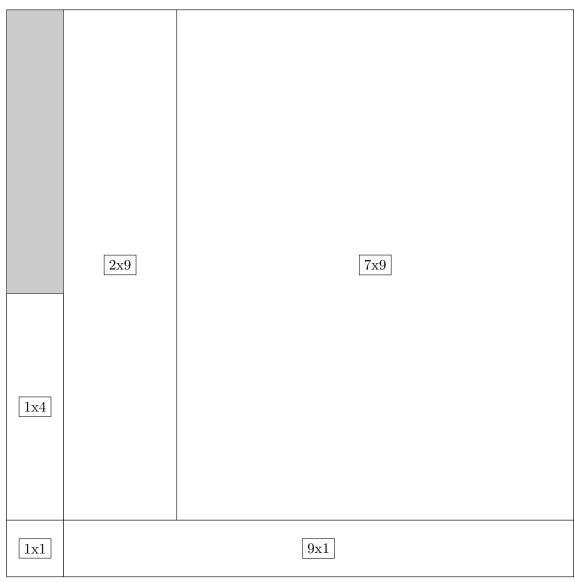


$$\mathbf{w}$$
 =10 , h =3 , x =0 , y =0 , v =30

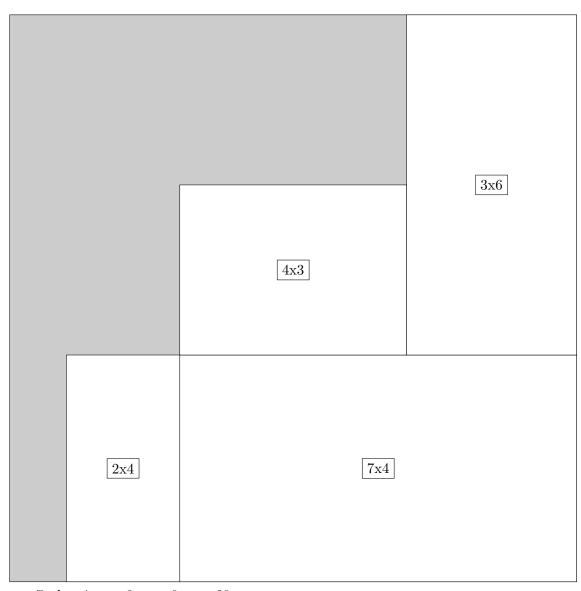
$$\mathbf{w}$$
 =8 , h =6 , x =2 , y =3 , v =48

$$\mathbf{w}$$
 =2 , h =2 , x =0 , y =3 , v =4

$$\mathbf{w}$$
 =2 , h =2 , x =0 , y =5 , v =4



$$\begin{array}{l} w = 9 \;,\; h = 1 \;,\; x = 1 \;,\; y = 0 \;,\; v = 9 \\ w = 1 \;,\; h = 1 \;,\; x = 0 \;,\; y = 0 \;,\; v = 1 \\ w = 7 \;,\; h = 9 \;,\; x = 3 \;,\; y = 1 \;,\; v = 63 \\ w = 2 \;,\; h = 9 \;,\; x = 1 \;,\; y = 1 \;,\; v = 18 \\ w = 1 \;,\; h = 4 \;,\; x = 0 \;,\; y = 1 \;,\; v = 4 \end{array}$$



 $\begin{array}{l} w = 7 \ , \ h = \! 4 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 28 \\ w = \! 3 \ , \ h = \! 6 \ , \ x = \! 7 \ , \ y = \! 4 \ , \ v = \! 18 \end{array}$ 

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

w = 4, h = 3, x = 3, y = 4, v = 1w = 2, h = 4, x = 1, y = 0, v = 8