$ClassName: \ Class\_02.2bp-17$ 

BinSize:  $30 \times 30$ ReduceSize:  $30 \times 30$ 

TypeNum:  $\underline{35}$ Num:  $\underline{40}$ OutS:  $\underline{1800}$ InS:  $\underline{1454}$ Rate:  $\underline{0.808}$ 

UB: <u>2</u> LB0: <u>2</u> LB: 2

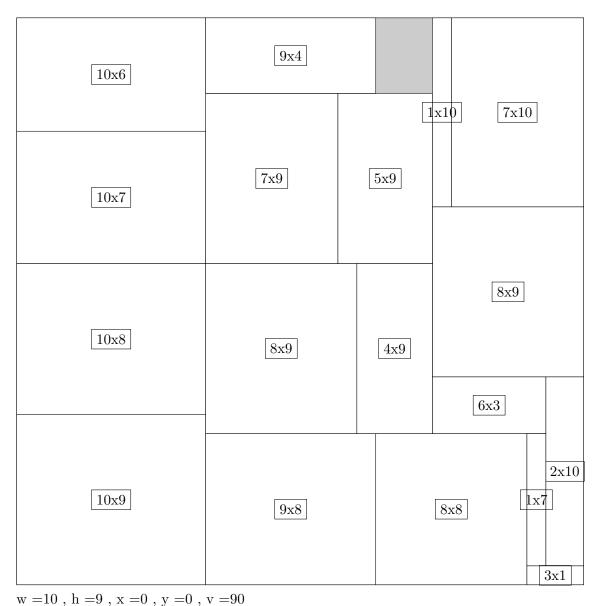
LBWithCut:  $\underline{\mathbf{2}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{2}}$ 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: 0.000 sTimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 0.141 s



```
w =10, h =8, x =0, y =9, v =80

w =9, h =8, x =10, y =0, v =72

w =8, h =9, x =22, y =11, v =72

w =8, h =9, x =10, y =8, v =72

w =10, h =7, x =0, y =17, v =70

w =7, h =10, x =23, y =20, v =70

w =8, h =8, x =19, y =0, v =64

w =7, h =9, x =10, y =17, v =63

w =10, h =6, x =0, y =24, v =60

w =5, h =9, x =17, y =17, v =45

w =9, h =4, x =10, y =26, v =36

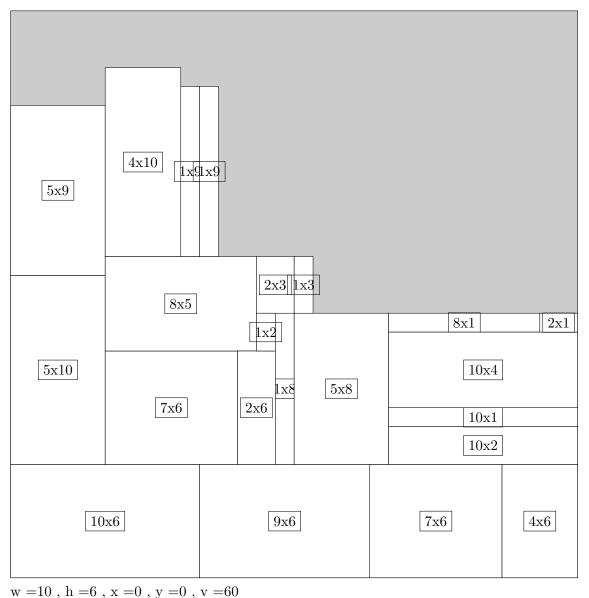
w =4, h =9, x =18, y =8, v =36

w =2, h =10, x =28, y =1, v =20

w =6, h =3, x =22, y =8, v =18

w =1, h =10, x =22, y =20, v =10
```

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



```
w = 10, h = 0, x = 0, y = 0, v = 50

w = 9, h = 6, x = 10, y = 0, v = 54

w = 5, h = 10, x = 0, y = 6, v = 50

w = 5, h = 9, x = 0, y = 16, v = 45

w = 7, h = 6, x = 19, y = 0, v = 42

w = 7, h = 6, x = 5, y = 6, v = 42

w = 1, h = 8, x = 14, y = 6, v = 8

w = 8, h = 5, x = 5, y = 12, v = 40

w = 5, h = 8, x = 15, y = 6, v = 40

w = 4, h = 10, x = 5, y = 17, v = 40

w = 4, h = 6, x = 26, y = 0, v = 24

w = 10, h = 2, x = 20, y = 6, v = 20

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

w = 10, h = 1, x = 20, y = 8, v = 10

w = 1, h = 9, x = 9, y = 17, v = 9

w = 1, h = 9, x = 10, y = 17, v = 9
```

 $\begin{array}{l} w=8 \ , \ h=1 \ , \ x=20 \ , \ y=13 \ , \ v=8 \\ w=10 \ , \ h=4 \ , \ x=20 \ , \ y=9 \ , \ v=40 \\ w=2 \ , \ h=3 \ , \ x=13 \ , \ y=14 \ , \ v=6 \\ w=1 \ , \ h=3 \ , \ x=15 \ , \ y=14 \ , \ v=3 \\ w=2 \ , \ h=1 \ , \ x=28 \ , \ y=13 \ , \ v=2 \\ w=1 \ , \ h=2 \ , \ x=13 \ , \ y=12 \ , \ v=2 \end{array}$