$ClassName: \ Class\_02.2bp-37$ 

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

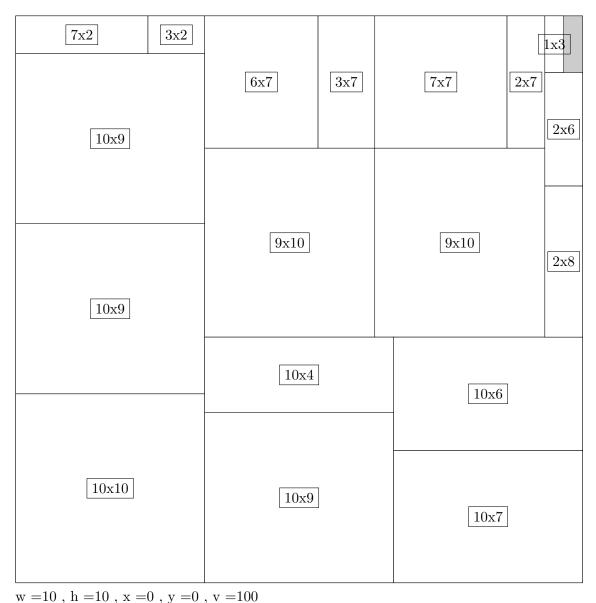
TypeNum: <u>56</u> Num: <u>80</u> OutS: <u>2700</u> InS: <u>2644</u> Rate: <u>0.979</u>

UB: <u>3</u> LB0: <u>3</u> LB: **3** 

LBWithCut:  $\underline{\mathbf{3}}$ NodeCut:  $\underline{\mathbf{0}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{3}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

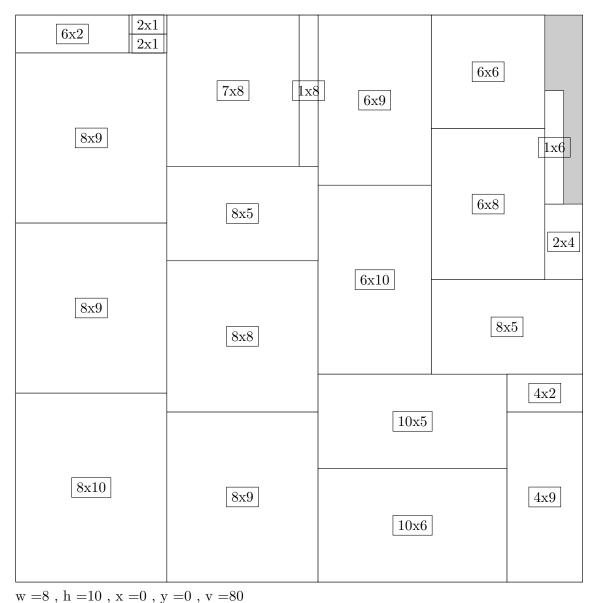
isOpt: **true** 

TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{0.000 \text{ s}}$ TimeOnRmp:  $\underline{0.063 \text{ s}}$ TotalTime:  $\underline{0.110 \text{ s}}$ 



```
w =10, h =10, x =0, y =10, v =100
w =10, h =9, x =0, y =10, v =90
w =10, h =9, x =10, y =19, v =90
w =10, h =9, x =10, y =0, v =90
w =9, h =10, x =10, y =13, v =90
w =9, h =10, x =19, y =13, v =90
w =6, h =7, x =10, y =23, v =42
w =10, h =7, x =20, y =0, v =70
w =10, h =6, x =20, y =7, v =60
w =7, h =7, x =19, y =23, v =49
w =10, h =4, x =10, y =9, v =40
w =3, h =7, x =16, y =23, v =21
w =2, h =8, x =28, y =13, v =16
w =7, h =2, x =0, y =28, v =14
w =2, h =6, x =28, y =21, v =12
```

 $\begin{array}{l} w = 3 \ , \ h = 2 \ , \ x = 7 \ , \ y = 28 \ , \ v = 6 \\ w = 1 \ , \ h = 3 \ , \ x = 28 \ , \ y = 27 \ , \ v = 3 \end{array}$ 



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

w = 8, h = 9, x = 0, y = 19, v = 72

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

w = 8, h = 8, x = 8, y = 9, v = 64

w = 10, h = 6, x = 16, y = 0, v = 60

w = 6, h = 10, x = 16, y = 11, v = 60

w = 7, h = 8, x = 8, y = 22, v = 56

w = 6, h = 9, x = 16, y = 21, v = 54

w = 10, h = 5, x = 16, y = 6, v = 50

w = 6, h = 8, x = 22, y = 16, v = 48

w = 8, h = 5, x = 8, y = 17, v = 40

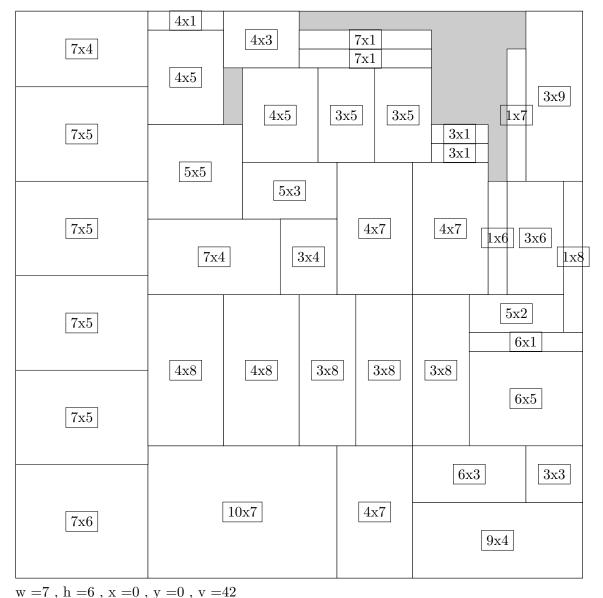
w = 8, h = 5, x = 22, y = 11, v = 40

w = 6, h = 6, x = 22, y = 24, v = 36

w = 4, h = 9, x = 26, y = 0, v = 36

w = 6, h = 2, x = 0, y = 28, v = 12
```

 $\begin{array}{l} w=4\ ,\, h=2\ ,\, x=26\ ,\, y=9\ ,\, v=8\\ w=2\ ,\, h=4\ ,\, x=28\ ,\, y=16\ ,\, v=8\\ w=1\ ,\, h=8\ ,\, x=15\ ,\, y=22\ ,\, v=8\\ w=1\ ,\, h=6\ ,\, x=28\ ,\, y=20\ ,\, v=6\\ w=2\ ,\, h=1\ ,\, x=6\ ,\, y=28\ ,\, v=2\\ w=2\ ,\, h=1\ ,\, x=6\ ,\, y=29\ ,\, v=2\\ \end{array}$ 



```
w = 5, h = 5, x = 7, y = 19, v = 25
w = 3, h = 8, x = 15, y = 7, v = 24
w = 3, h = 8, x = 18, y = 7, v = 24
\mathbf{w} =3 , h =8 , x =21 , y =7 , v =24
w = 4, h = 5, x = 12, y = 22, v = 20
w = 4, h = 5, x = 7, y = 24, v = 20
w = 6, h = 3, x = 21, y = 4, v = 18
w=3 , h=6 , x=26 , y=15 , v=18
w = 5, h = 3, x = 12, y = 19, v = 15
w = 3, h = 5, x = 16, y = 22, v = 15
w = 3, h = 5, x = 19, y = 22, v = 15
w = 4, h = 3, x = 11, y = 27, v = 12
w = 3, h = 4, x = 14, y = 15, v = 12
w = 5, h = 2, x = 24, y = 13, v = 10
w = 3, h = 3, x = 27, y = 4, v = 9
\mathbf{w} =1 , h =8 , x =29 , y =13 , v =8
w = 7, h = 1, x = 15, y = 27, v = 7
w = 7, h = 1, x = 15, y = 28, v = 7
w = 1, h = 7, x = 26, y = 21, v = 7
w = 6, h = 1, x = 24, y = 12, v = 6
w = 1, h = 6, x = 25, y = 15, v = 6
w = 4, h = 1, x = 7, y = 29, v = 4
\mathbf{w} =3 , h =1 , x =22 , y =22 , v =3
w = 3, h = 1, x = 22, y = 23, v = 3
```