$ClassName: \ Class_02.2bp-37$

BinSize: 30×30 ReduceSize: 30×30

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

UB: **3** LB0: **3** LB: **3**

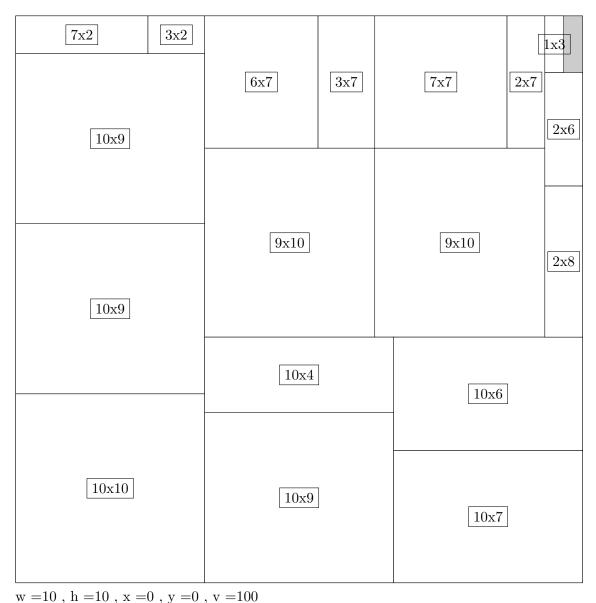
LBWithCut: $\underline{\mathbf{3}}$ NodeCut: $\underline{\mathbf{0}}$

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

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

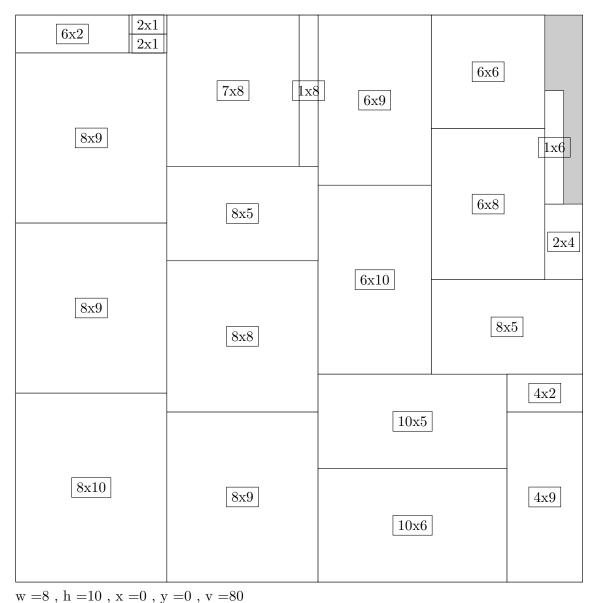
isOpt: **true**

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.000 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.125 \ s} \end{array}$



```
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

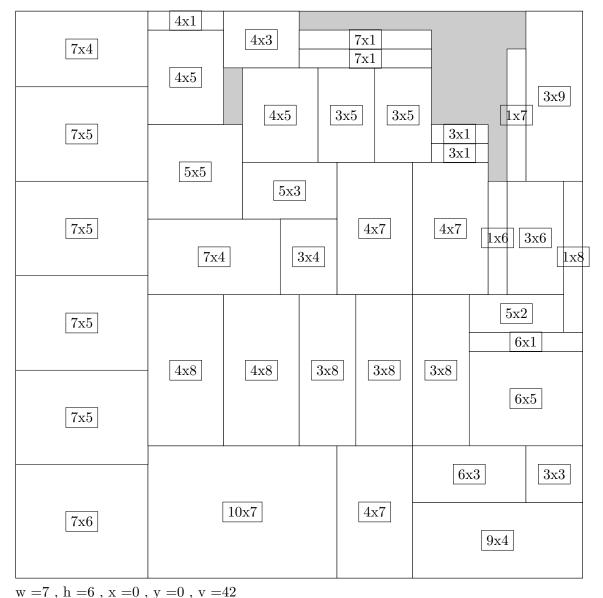
w =8, h =5, x =22, y =11, v =40

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
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
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
```