$ClassName: \ Class\_02.2bp-25$ 

 $\begin{array}{ccc} \text{BinSize: } \underline{30} & \overline{\times} & \underline{30} \\ \text{ReduceSize: } \underline{30} & \times & \underline{30} \end{array}$ 

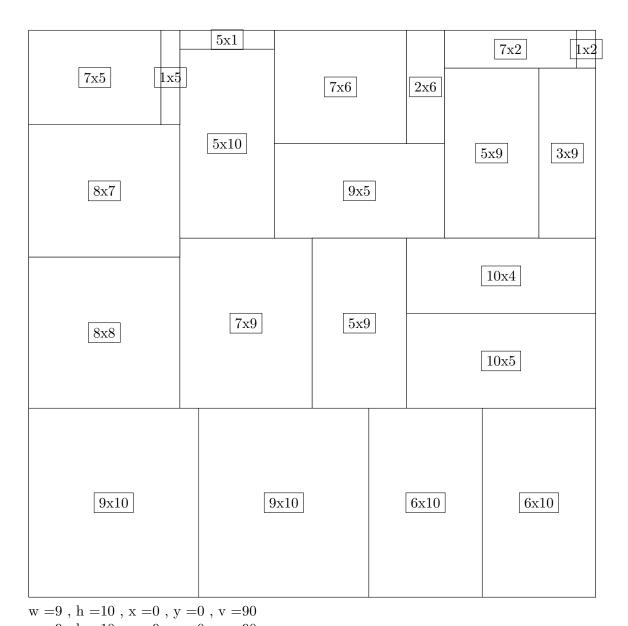
TypeNum: <u>47</u> Num: <u>60</u> OutS: <u>1800</u> InS: <u>1659</u> Rate: <u>0.922</u>

UB: **2** LB0: **2** LB: **2** 

LBWithCut:  $\underline{\mathbf{2}}$ NodeCut:  $\underline{\mathbf{0}}$ 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:  $\underline{\mathbf{1}}$ 

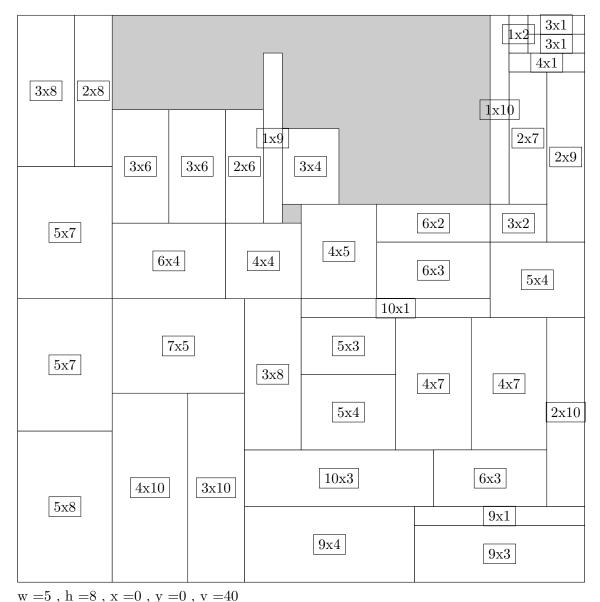
isOpt: **true** 

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 0.109 s



```
\begin{array}{l} w=9\ ,\ h=10\ ,\ x=9\ ,\ y=0\ ,\ v=90\\ w=8\ ,\ h=8\ ,\ x=0\ ,\ y=10\ ,\ v=64\\ w=7\ ,\ h=9\ ,\ x=8\ ,\ y=10\ ,\ v=63\\ w=6\ ,\ h=10\ ,\ x=18\ ,\ y=0\ ,\ v=60\\ w=6\ ,\ h=10\ ,\ x=24\ ,\ y=0\ ,\ v=60\\ w=8\ ,\ h=7\ ,\ x=0\ ,\ y=18\ ,\ v=56\\ w=10\ ,\ h=5\ ,\ x=20\ ,\ y=10\ ,\ v=50\\ w=5\ ,\ h=10\ ,\ x=8\ ,\ y=19\ ,\ v=50\\ w=9\ ,\ h=5\ ,\ x=13\ ,\ y=19\ ,\ v=45\\ w=5\ ,\ h=9\ ,\ x=22\ ,\ y=19\ ,\ v=45\\ w=7\ ,\ h=6\ ,\ x=13\ ,\ y=24\ ,\ v=42\\ w=10\ ,\ h=4\ ,\ x=20\ ,\ y=15\ ,\ v=40\\ w=7\ ,\ h=5\ ,\ x=0\ ,\ y=25\ ,\ v=35\\ w=3\ ,\ h=9\ ,\ x=27\ ,\ y=19\ ,\ v=27\\ \end{array}
```

 $\begin{array}{l} w = 7 \;,\; h = 2 \;,\; x = 22 \;,\; y = 28 \;,\; v = 14 \\ w = 2 \;,\; h = 6 \;,\; x = 20 \;,\; y = 24 \;,\; v = 12 \\ w = 5 \;,\; h = 1 \;,\; x = 8 \;,\; y = 29 \;,\; v = 5 \\ w = 1 \;,\; h = 5 \;,\; x = 7 \;,\; y = 25 \;,\; v = 5 \\ w = 1 \;,\; h = 2 \;,\; x = 29 \;,\; y = 28 \;,\; v = 2 \end{array}$ 



```
w =4 , h =10 , x =5 , y =0 , v =40

w =9 , h =4 , x =12 , y =0 , v =36

w =7 , h =5 , x =5 , y =10 , v =35

w =5 , h =7 , x =0 , y =8 , v =35

w =5 , h =7 , x =0 , y =15 , v =35

w =10 , h =3 , x =12 , y =4 , v =30

w =3 , h =10 , x =9 , y =0 , v =30

w =4 , h =7 , x =24 , y =7 , v =28

w =4 , h =7 , x =20 , y =7 , v =28

w =9 , h =3 , x =21 , y =0 , v =27

w =6 , h =4 , x =5 , y =15 , v =24

w =3 , h =8 , x =0 , y =22 , v =24

w =3 , h =8 , x =12 , y =7 , v =24

w =6 , h =3 , x =22 , y =4 , v =18

w =5 , h =4 , x =15 , y =7 , v =20
```

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