$ClassName: {\bf Class\_02.2bp-21}$ 

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

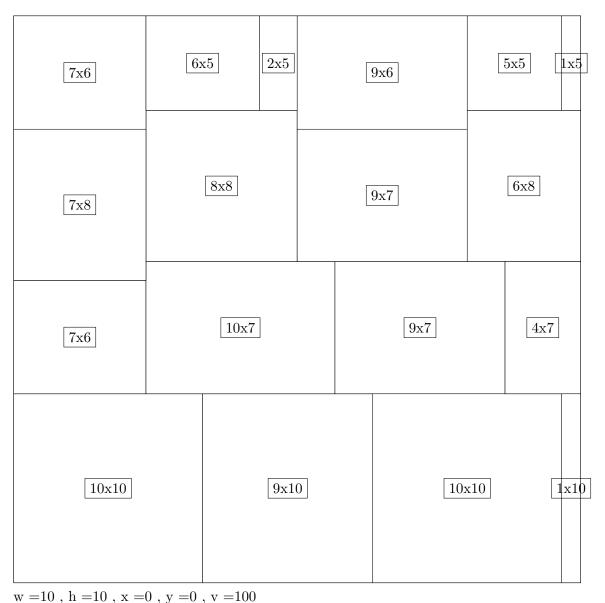
TypeNum: <u>45</u> Num: <u>60</u> OutS: <u>1800</u> InS: <u>1766</u> Rate: <u>0.981</u>

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

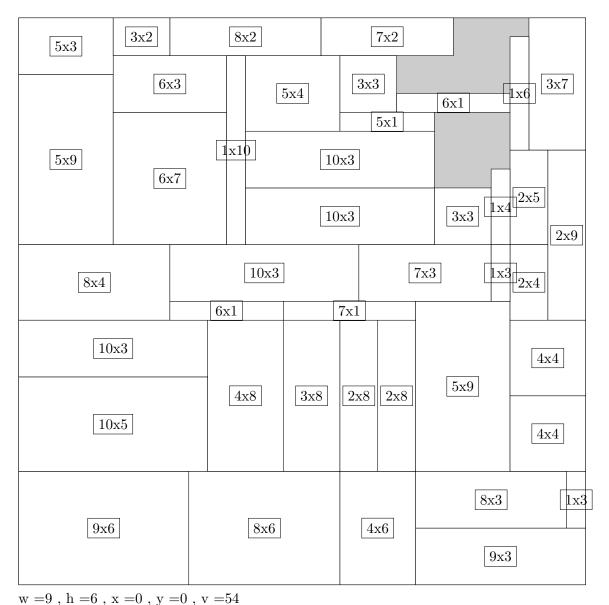
isOpt: **true** 

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 0.125 s



```
\begin{array}{l} w=7 \;,\; h=6 \;,\; x=0 \;,\; y=10 \;,\; v=42 \\ w=9 \;,\; h=10 \;,\; x=10 \;,\; y=0 \;,\; v=90 \\ w=10 \;,\; h=7 \;,\; x=7 \;,\; y=10 \;,\; v=70 \\ w=8 \;,\; h=8 \;,\; x=7 \;,\; y=17 \;,\; v=64 \\ w=9 \;,\; h=7 \;,\; x=17 \;,\; y=10 \;,\; v=63 \\ w=9 \;,\; h=7 \;,\; x=15 \;,\; y=17 \;,\; v=63 \\ w=7 \;,\; h=8 \;,\; x=0 \;,\; y=16 \;,\; v=56 \\ w=9 \;,\; h=6 \;,\; x=15 \;,\; y=24 \;,\; v=54 \\ w=6 \;,\; h=8 \;,\; x=24 \;,\; y=17 \;,\; v=48 \\ w=7 \;,\; h=6 \;,\; x=0 \;,\; y=24 \;,\; v=42 \\ w=10 \;,\; h=10 \;,\; x=19 \;,\; y=0 \;,\; v=100 \\ w=6 \;,\; h=5 \;,\; x=7 \;,\; y=25 \;,\; v=30 \\ w=4 \;,\; h=7 \;,\; x=26 \;,\; y=10 \;,\; v=28 \\ w=5 \;,\; h=5 \;,\; x=24 \;,\; y=25 \;,\; v=25 \\ w=2 \;,\; h=5 \;,\; x=13 \;,\; y=25 \;,\; v=10 \\ \end{array}
```

 $\begin{array}{l} w = 1 \ , \ h = \! 10 \ , \ x = \! 29 \ , \ y = \! 0 \ , \ v = \! 10 \\ w = \! 1 \ , \ h = \! 5 \ , \ x = \! 29 \ , \ y = \! 25 \ , \ v = \! 5 \end{array}$ 



```
w =7 , h =3 , x =18 , y =15 , v =21
w = 3, h = 7, x = 27, y = 23, v = 21
w = 5, h = 4, x = 12, y = 24, v = 20
w = 6, h = 3, x = 5, y = 25, v = 18
w = 2, h = 9, x = 28, y = 14, v = 18
w = 8, h = 2, x = 8, y = 28, v = 16
w = 4, h = 4, x = 26, y = 6, v = 16
\mathbf{w} =4 , h =4 , x =26 , y =10 , v =16
w = 2, h = 8, x = 17, y = 6, v = 16
w = 2, h = 8, x = 19, y = 6, v = 16
w = 5, h = 3, x = 0, y = 27, v = 15
w = 7, h = 2, x = 16, y = 28, v = 14
w = 2, h = 5, x = 26, y = 18, v = 10
w = 1, h = 10, x = 11, y = 18, v = 10
w = 3, h = 3, x = 17, y = 25, v = 9
w = 3, h = 3, x = 22, y = 18, v = 9
w = 2, h = 4, x = 26, y = 14, v = 8
w = 7, h = 1, x = 14, y = 14, v = 7
w = 6, h = 1, x = 8, y = 14, v = 6
w = 6, h = 1, x = 20, y = 25, v = 6
w = 3, h = 2, x = 5, y = 28, v = 6
w = 1, h = 6, x = 26, y = 23, v = 6
w =5 , h =1 , x =17 , y =24 , v =5
w = 1, h = 4, x = 25, y = 18, v = 4
w = 1, h = 3, x = 29, y = 3, v = 3
```

w = 1, h = 3, x = 25, y = 15, v = 3