$ClassName: \ Class_02.2bp-24$

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

TypeNum: <u>42</u> Num: <u>60</u> OutS: <u>1800</u> InS: <u>1649</u> Rate: <u>0.916</u>

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

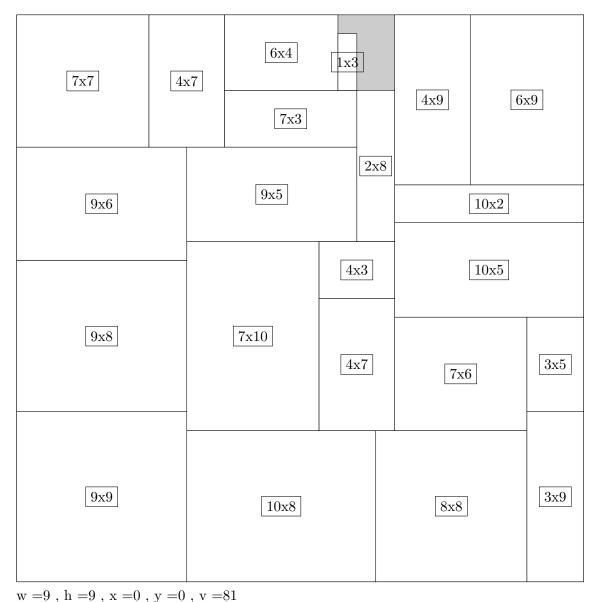
LBWithCut: $\underline{\mathbf{2}}$ NodeCut: $\underline{\mathbf{0}}$

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

is Opt: $\underline{\mathbf{true}}$

TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{0.000 \text{ s}}$ TimeOnRmp: $\underline{0.062 \text{ s}}$ TotalTime: $\underline{0.125 \text{ s}}$



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

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

w =7, h =10, x =9, y =8, v =70

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

w =9, h =6, x =0, y =17, v =54

w =6, h =9, x =24, y =21, v =54

w =10, h =5, x =20, y =14, v =50

w =7, h =7, x =0, y =23, v =49

w =9, h =5, x =9, y =18, v =45

w =7, h =6, x =20, y =8, v =42

w =4, h =9, x =20, y =21, v =36

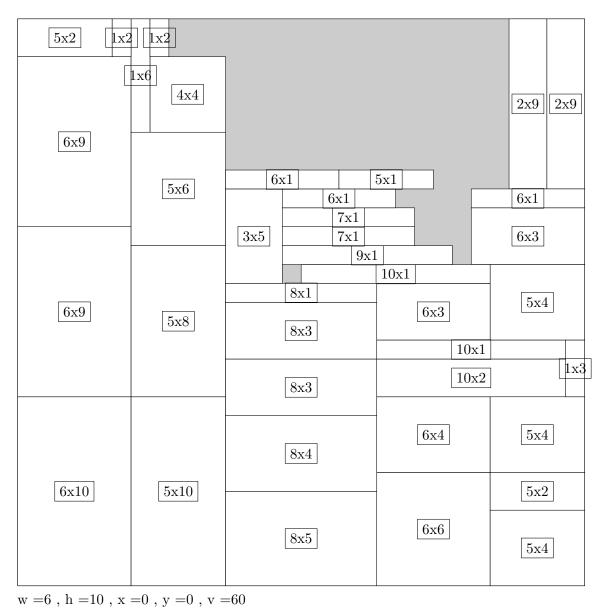
w =4, h =7, x =16, y =8, v =28

w =4, h =7, x =7, y =23, v =28

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

w =6, h =4, x =11, y =26, v =24
```

 $\begin{array}{l} w=7\ ,\, h=3\ ,\, x=11\ ,\, y=23\ ,\, v=21\\ w=10\ ,\, h=2\ ,\, x=20\ ,\, y=19\ ,\, v=20\\ w=2\ ,\, h=8\ ,\, x=18\ ,\, y=18\ ,\, v=16\\ w=3\ ,\, h=5\ ,\, x=27\ ,\, y=9\ ,\, v=15\\ w=4\ ,\, h=3\ ,\, x=16\ ,\, y=15\ ,\, v=12\\ w=1\ ,\, h=3\ ,\, x=17\ ,\, y=26\ ,\, v=3\\ \end{array}$



```
\begin{array}{l} w=6\;,\;h=9\;,\;x=0\;,\;y=10\;,\;v=54\\ w=6\;,\;h=9\;,\;x=0\;,\;y=19\;,\;v=54\\ w=5\;,\;h=10\;,\;x=6\;,\;y=0\;,\;v=50\\ w=8\;,\;h=5\;,\;x=11\;,\;y=0\;,\;v=40\\ w=5\;,\;h=8\;,\;x=6\;,\;y=10\;,\;v=40\\ w=6\;,\;h=6\;,\;x=19\;,\;y=0\;,\;v=36\\ w=8\;,\;h=4\;,\;x=11\;,\;y=5\;,\;v=32\\ w=5\;,\;h=6\;,\;x=6\;,\;y=18\;,\;v=30\\ w=8\;,\;h=3\;,\;x=11\;,\;y=9\;,\;v=24\\ w=8\;,\;h=3\;,\;x=11\;,\;y=12\;,\;v=24\\ w=8\;,\;h=3\;,\;x=11\;,\;y=12\;,\;v=24\\ w=6\;,\;h=4\;,\;x=19\;,\;y=6\;,\;v=24\\ w=10\;,\;h=2\;,\;x=19\;,\;y=10\;,\;v=20\\ w=5\;,\;h=4\;,\;x=25\;,\;y=6\;,\;v=20\\ w=5\;,\;h=4\;,\;x=25\;,\;y=6\;,\;v=20\\ w=5\;,\;h=4\;,\;x=25\;,\;y=13\;,\;v=20\\ \end{array}
```

```
w = 6, h = 3, x = 19, y = 13, v = 18
w = 6, h = 3, x = 24, y = 17, v = 18
\mathbf{w} =2 , h =9 , x =28 , y =21 , v =18
w = 2, h = 9, x = 26, y = 21, v = 18
w = 4, h = 4, x = 7, y = 24, v = 16
w = 3, h = 5, x = 11, y = 16, v = 15
w = 10, h = 1, x = 19, y = 12, v = 10
w =10 , h =1 , x =15 , y =16 , v =10
w = 5, h = 2, x = 0, y = 28, v = 10
w = 6, h = 1, x = 24, y = 20, v = 6
w = 9, h = 1, x = 14, y = 17, v = 9
w = 8, h = 1, x = 11, y = 15, v = 8
w = 7, h = 1, x = 14, y = 18, v = 7
w = 7, h = 1, x = 14, y = 19, v = 7
w = 6, h = 1, x = 14, y = 20, v = 6
w = 6, h = 1, x = 11, y = 21, v = 6
w = 5, h = 2, x = 25, y = 4, v = 10
w = 1, h = 6, x = 6, y = 24, v = 6
w = 5, h = 1, x = 17, y = 21, v = 5
w = 1, h = 3, x = 29, y = 10, v = 3
w = 1, h = 2, x = 5, y = 28, v = 2
w = 1, h = 2, x = 7, y = 28, v = 2
```