$ClassName: \ Class_02.2bp-12$

BinSize: 30×30 ReduceSize: 30×30

TypeNum: <u>32</u> Num: <u>40</u> OutS: <u>1800</u> InS: <u>1390</u> Rate: <u>0.772</u>

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

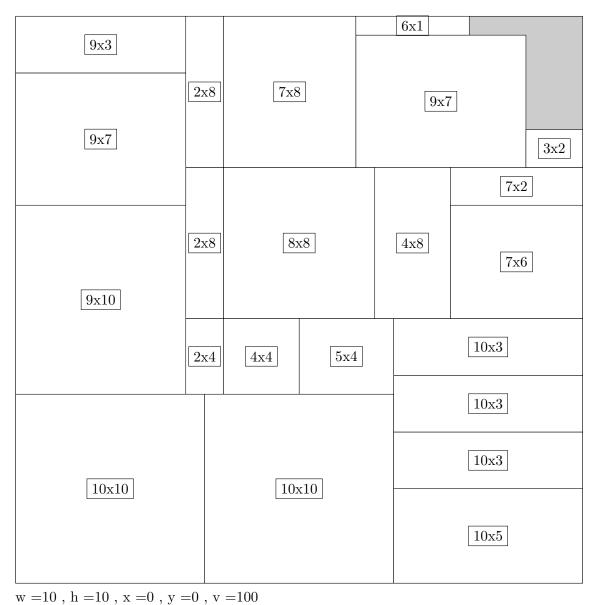
LBWithCut: $\underline{\mathbf{2}}$ NodeCut: $\underline{\mathbf{0}}$

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

isOpt: $\underline{\mathbf{true}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.066 sTotalTime: 0.124 s



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w =10, h =10, x =0, y =0, v =100

w =10, h =10, x =10, y =0, v =100

w =9, h =10, x =0, y =10, v =90

w =2, h =8, x =9, y =14, v =16

w =8, h =8, x =11, y =14, v =64

w =9, h =7, x =0, y =20, v =63

w =9, h =7, x =18, y =22, v =63

w =7, h =8, x =11, y =22, v =56

w =10, h =5, x =20, y =0, v =50

w =7, h =6, x =23, y =14, v =42

w =4, h =8, x =19, y =14, v =32

w =10, h =3, x =20, y =5, v =30

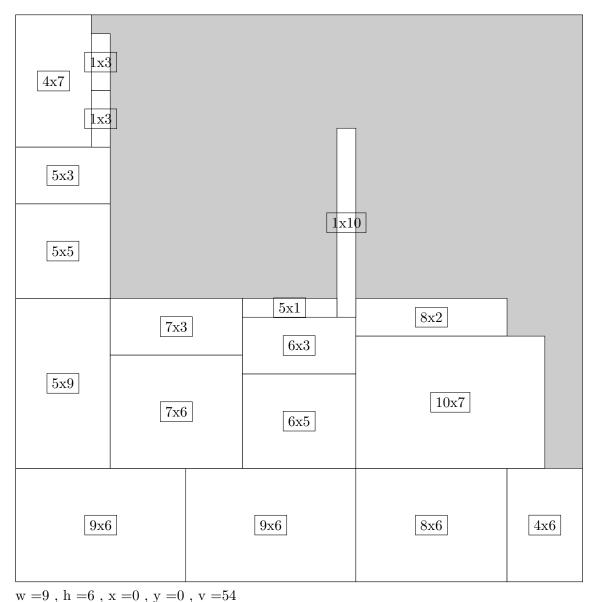
w =10, h =3, x =20, y =8, v =30

w =10, h =3, x =20, y =11, v =30

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

w =5, h =4, x =15, y =10, v =20
```

 $\begin{array}{l} w=4\ ,\, h=4\ ,\, x=11\ ,\, y=10\ ,\, v=16\\ w=2\ ,\, h=8\ ,\, x=9\ ,\, y=22\ ,\, v=16\\ w=7\ ,\, h=2\ ,\, x=23\ ,\, y=20\ ,\, v=14\\ w=2\ ,\, h=4\ ,\, x=9\ ,\, y=10\ ,\, v=8\\ w=6\ ,\, h=1\ ,\, x=18\ ,\, y=29\ ,\, v=6\\ w=3\ ,\, h=2\ ,\, x=27\ ,\, y=22\ ,\, v=6\\ \end{array}$



```
\begin{array}{l} w=9\;,\;h=6\;,\;x=9\;,\;y=0\;,\;v=54\\ w=8\;,\;h=6\;,\;x=18\;,\;y=0\;,\;v=48\\ w=5\;,\;h=9\;,\;x=0\;,\;y=6\;,\;v=45\\ w=7\;,\;h=6\;,\;x=5\;,\;y=6\;,\;v=42\\ w=6\;,\;h=5\;,\;x=12\;,\;y=6\;,\;v=30\\ w=4\;,\;h=7\;,\;x=0\;,\;y=23\;,\;v=28\\ w=5\;,\;h=5\;,\;x=0\;,\;y=15\;,\;v=25\\ w=4\;,\;h=6\;,\;x=26\;,\;y=0\;,\;v=24\\ w=7\;,\;h=3\;,\;x=5\;,\;y=12\;,\;v=21\\ w=6\;,\;h=3\;,\;x=12\;,\;y=11\;,\;v=18\\ w=8\;,\;h=2\;,\;x=18\;,\;y=13\;,\;v=16\\ w=10\;,\;h=7\;,\;x=18\;,\;y=6\;,\;v=70\\ w=5\;,\;h=3\;,\;x=0\;,\;y=20\;,\;v=15\\ w=1\;,\;h=10\;,\;x=17\;,\;y=14\;,\;v=10\\ w=5\;,\;h=1\;,\;x=12\;,\;y=14\;,\;v=5\\ \end{array}
```

$$\begin{array}{l} w = 1 \ , \ h = 3 \ , \ x = 4 \ , \ y = 23 \ , \ v = 3 \\ w = 1 \ , \ h = 3 \ , \ x = 4 \ , \ y = 26 \ , \ v = 3 \end{array}$$