$ClassName: \ Class\_02.2bp-30$ 

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

TypeNum:  $\underline{58}$ Num:  $\underline{80}$ OutS:  $\underline{2700}$ InS:  $\underline{2274}$ Rate:  $\underline{0.842}$ 

UB: <u>3</u> LB0: <u>3</u> LB: **3** 

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

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

GenNodeCnt: 1
PrimalNode: 0
ColumnCount: 3
TotalCutCount: 0
RootCutCount: 0
LPSolverCnt: 1
PricingSolverCnt: 0
Propole And Pound No

Branch And<br/>Bound Num:  $\underline{\mathbf{1}}$ 

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 0.125 s

9x5	9x6	7x6	[5x6]
9x8	10x7	[7x7]	4x7
9x8	8x9	8x9	5x9
9x9	9x8	8x8	4x8

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w =9, h =9, x =0, y =0, v =81

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

w =9, h =8, x =0, y =17, v =72
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$$w$$
 =9 , h =8 , x =9 , y =0 , v =72

$$\mathbf{w}$$
 =8 , h =9 , x =9 , y =8 , v =72

$$w = 8$$
,  $h = 9$ ,  $x = 17$ ,  $y = 8$ ,  $v = 72$ 

$$w$$
 =10 , h =7 , x =9 , y =17 , v =70

$$w = 8$$
,  $h = 8$ ,  $x = 18$ ,  $y = 0$ ,  $v = 64$ 

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

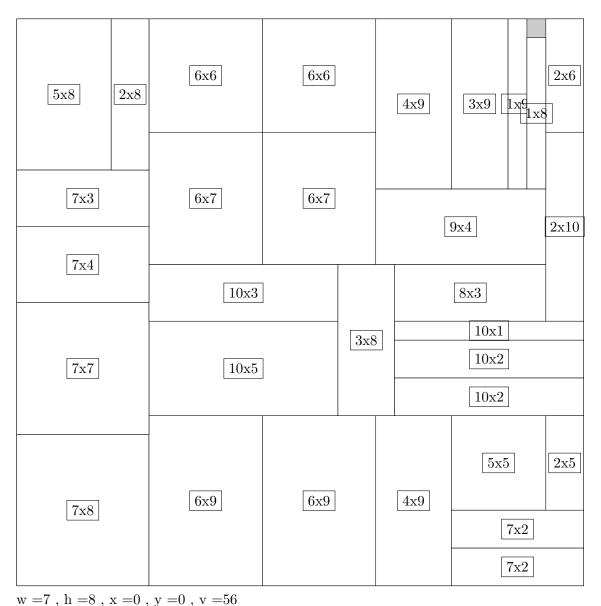
$$w$$
 =7 ,  $h$  =7 ,  $x$  =19 ,  $y$  =17 ,  $v$  =49

$$\le =9$$
 , h =5 , x =0 , y =25 , v =45

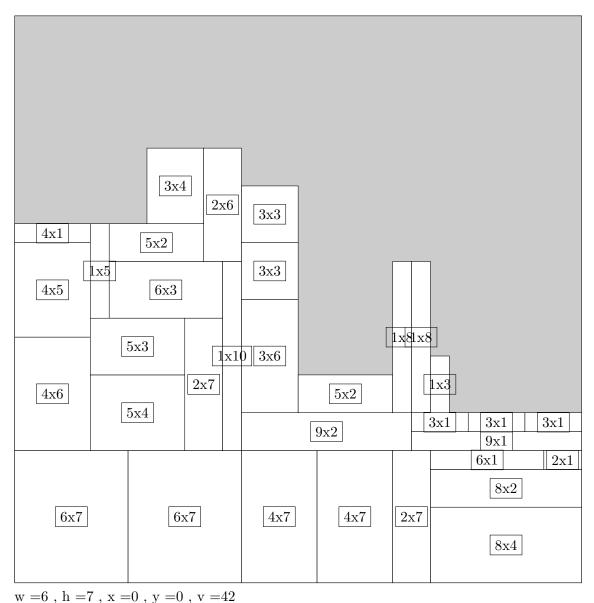
$$w$$
 =5 ,  $h$  =9 ,  $x$  =25 ,  $y$  =8 ,  $v$  =45

$$w$$
 =7 ,  $h$  =6 ,  $x$  =18 ,  $y$  =24 ,  $v$  =42

$$w = 4$$
,  $h = 8$ ,  $x = 26$ ,  $y = 0$ ,  $v = 32$ 



 $\begin{array}{l} w=5\;,\;h=5\;,\;x=23\;,\;y=4\;,\;v=25\\ w=8\;,\;h=3\;,\;x=20\;,\;y=14\;,\;v=24\\ w=3\;,\;h=8\;,\;x=17\;,\;y=9\;,\;v=24\\ w=7\;,\;h=3\;,\;x=0\;,\;y=19\;,\;v=21\\ w=2\;,\;h=8\;,\;x=5\;,\;y=22\;,\;v=16\\ w=10\;,\;h=2\;,\;x=20\;,\;y=9\;,\;v=20\\ w=2\;,\;h=10\;,\;x=28\;,\;y=14\;,\;v=20\\ w=10\;,\;h=2\;,\;x=20\;,\;y=11\;,\;v=20\\ w=7\;,\;h=2\;,\;x=23\;,\;y=0\;,\;v=14\\ w=7\;,\;h=2\;,\;x=23\;,\;y=0\;,\;v=14\\ w=7\;,\;h=2\;,\;x=23\;,\;y=2\;,\;v=14\\ w=2\;,\;h=6\;,\;x=28\;,\;y=24\;,\;v=12\\ w=10\;,\;h=1\;,\;x=20\;,\;y=13\;,\;v=10\\ w=2\;,\;h=5\;,\;x=28\;,\;y=4\;,\;v=10\\ w=1\;,\;h=9\;,\;x=26\;,\;y=21\;,\;v=9\\ w=1\;,\;h=8\;,\;x=27\;,\;y=21\;,\;v=8\\ \end{array}$ 



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w = 6, h = 7, x = 6, y = 0, v = 42

w = 6, h = 7, x = 6, y = 0, v = 42

w = 8, h = 4, x = 22, y = 0, v = 32

w = 4, h = 7, x = 12, y = 0, v = 28

w = 4, h = 6, x = 10, y = 7, v = 24

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

w = 4, h = 5, x = 0, y = 13, v = 20

w = 4, h = 5, x = 0, y = 13, v = 20

w = 9, h = 2, x = 12, y = 7, v = 18

w = 6, h = 3, x = 5, y = 14, v = 18

w = 3, h = 6, x = 12, y = 9, v = 18

w = 8, h = 2, x = 22, y = 4, v = 16

w = 5, h = 3, x = 4, y = 11, v = 15

w = 2, h = 7, x = 20, y = 0, v = 14

w = 2, h = 7, x = 9, y = 7, v = 14

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

w = 2, h = 1, x = 28, y = 6, v = 2