$ClassName: \ Class\_02.2bp-24$ 

BinSize:  $30 \times 30$ ReduceSize:  $30 \times 30$ 

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:  $\underline{\mathbf{0}}$ 

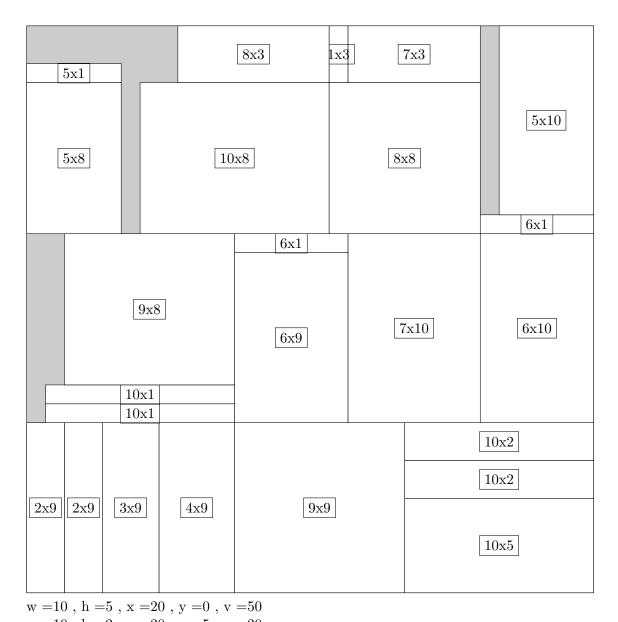
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

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

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

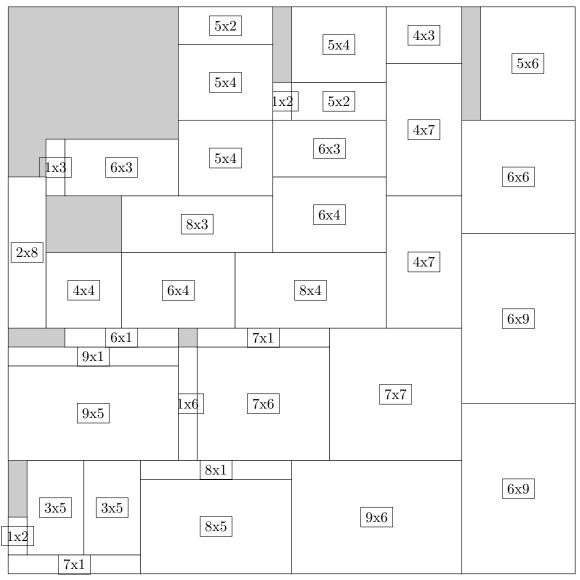
TimeOnInitSolution:  $\underline{600.000 \text{ s}}$ 

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.344 s



$$\begin{array}{l} w=10\;,\;h=2\;,\;x=20\;,\;y=5\;,\;v=20\\ w=10\;,\;h=2\;,\;x=20\;,\;y=7\;,\;v=20\\ w=9\;,\;h=9\;,\;x=11\;,\;y=0\;,\;v=81\\ w=4\;,\;h=9\;,\;x=7\;,\;y=0\;,\;v=36\\ w=3\;,\;h=9\;,\;x=4\;,\;y=0\;,\;v=27\\ w=2\;,\;h=9\;,\;x=2\;,\;y=0\;,\;v=18\\ w=2\;,\;h=9\;,\;x=0\;,\;y=0\;,\;v=18\\ w=6\;,\;h=10\;,\;x=24\;,\;y=9\;,\;v=60\\ w=6\;,\;h=1\;,\;x=24\;,\;y=19\;,\;v=6\\ w=5\;,\;h=10\;,\;x=24\;,\;y=19\;,\;v=6\\ w=5\;,\;h=10\;,\;x=25\;,\;y=20\;,\;v=50\\ w=7\;,\;h=10\;,\;x=17\;,\;y=9\;,\;v=70\\ w=6\;,\;h=1\;,\;x=11\;,\;y=9\;,\;v=54\\ w=6\;,\;h=1\;,\;x=11\;,\;y=18\;,\;v=6\\ w=10\;,\;h=1\;,\;x=1\;,\;y=9\;,\;v=10\\ w=10\;,\;h=1\;,\;x=1\;,\;y=10\;,\;v=10\\ \end{array}$$

 $\begin{array}{l} w=9\ ,\, h=8\ ,\, x=2\ ,\, y=11\ ,\, v=72\\ w=8\ ,\, h=8\ ,\, x=16\ ,\, y=19\ ,\, v=64\\ w=7\ ,\, h=3\ ,\, x=17\ ,\, y=27\ ,\, v=21\\ w=1\ ,\, h=3\ ,\, x=16\ ,\, y=27\ ,\, v=3\\ w=10\ ,\, h=8\ ,\, x=6\ ,\, y=19\ ,\, v=80\\ w=8\ ,\, h=3\ ,\, x=8\ ,\, y=27\ ,\, v=24\\ w=5\ ,\, h=8\ ,\, x=0\ ,\, y=19\ ,\, v=40\\ w=5\ ,\, h=1\ ,\, x=0\ ,\, y=27\ ,\, v=5\\ \end{array}$ 



$$w = 6$$
,  $h = 9$ ,  $x = 24$ ,  $y = 0$ ,  $v = 54$ 

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

$$w = 6$$
,  $h = 6$ ,  $x = 24$ ,  $y = 18$ ,  $v = 36$ 

$$w = 5$$
,  $h = 6$ ,  $x = 25$ ,  $y = 24$ ,  $v = 30$ 

$$w = 9$$
,  $h = 6$ ,  $x = 15$ ,  $y = 0$ ,  $v = 54$ 

$$w = 8$$
,  $h = 5$ ,  $x = 7$ ,  $y = 0$ ,  $v = 40$ 

$$w$$
 =8 , h =1 , x =7 , y =5 , v =8

$$w = 7$$
,  $h = 1$ ,  $x = 0$ ,  $y = 0$ ,  $v = 7$ 

$$w = 3$$
,  $h = 5$ ,  $x = 4$ ,  $y = 1$ ,  $v = 15$ 

$$w = 3$$
,  $h = 5$ ,  $x = 1$ ,  $y = 1$ ,  $v = 15$ 

$$w = 1$$
,  $h = 2$ ,  $x = 0$ ,  $y = 1$ ,  $v = 2$ 

$$w$$
 =7 , h =7 , x =17 , y =6 , v =49

$$w = 7$$
,  $h = 6$ ,  $x = 10$ ,  $y = 6$ ,  $v = 42$ 

$$w = 1$$
,  $h = 6$ ,  $x = 9$ ,  $y = 6$ ,  $v = 6$ 

$$\mathbf{w}$$
 =7 , h =1 , x =10 , y =12 , v =7

$$w = 9$$
,  $h = 5$ ,  $x = 0$ ,  $y = 6$ ,  $v = 45$ 

```
w = 9, h = 1, x = 0, y = 11, v = 9
w = 6, h = 1, x = 3, y = 12, v = 6
w = 4, h = 7, x = 20, y = 13, v = 28
\mathbf{w} =4 , h =7 , x =20 , y =20 , v =28
w = 4, h = 3, x = 20, y = 27, v = 12
w = 8, h = 4, x = 12, y = 13, v = 32
w = 6, h = 4, x = 6, y = 13, v = 24
\mathbf{w} =4 , h =4 , x =2 , y =13 , v =16
w = 6, h = 4, x = 14, y = 17, v = 24
w = 6, h = 3, x = 14, y = 21, v = 18
w = 5, h = 2, x = 15, y = 24, v = 10
w = 1, h = 2, x = 14, y = 24, v = 2
w = 5, h = 4, x = 15, y = 26, v = 20
w = 8, h = 3, x = 6, y = 17, v = 24
w = 5, h = 4, x = 9, y = 20, v = 20
w = 5, h = 4, x = 9, y = 24, v = 20
w = 5, h = 2, x = 9, y = 28, v = 10
w = 6, h = 3, x = 3, y = 20, v = 18
w = 1, h = 3, x = 2, y = 20, v = 3
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w = 2, h = 8, x = 0, y = 13, v = 16