$ClassName: \ Class\_02.2bp-35$ 

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

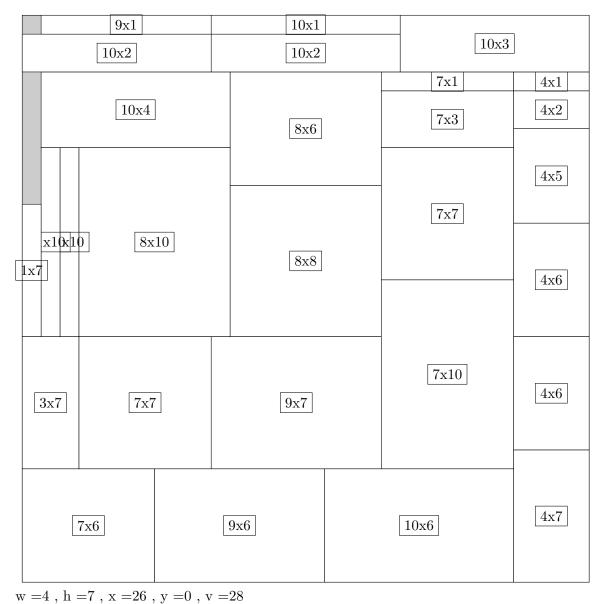
TypeNum: <u>55</u> Num: <u>80</u> OutS: <u>2700</u> InS: <u>2521</u> Rate: <u>0.934</u>

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

LBWithCut:  $\underline{\mathbf{3}}$  NodeCount:  $\underline{\mathbf{0}}$  PrimalNode:  $\underline{\mathbf{0}}$  ColumnCount:  $\underline{\mathbf{3}}$  TotalCutCount:  $\underline{\mathbf{0}}$  RootCutCount:  $\underline{\mathbf{0}}$  LPSolverCnt:  $\underline{\mathbf{1}}$  PricingSolverCnt:  $\underline{\mathbf{0}}$  BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

isOpt: **true** 

TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{0.000 \text{ s}}$ TimeOnRmp:  $\underline{0.063 \text{ s}}$ TotalTime:  $\underline{0.203 \text{ s}}$ 



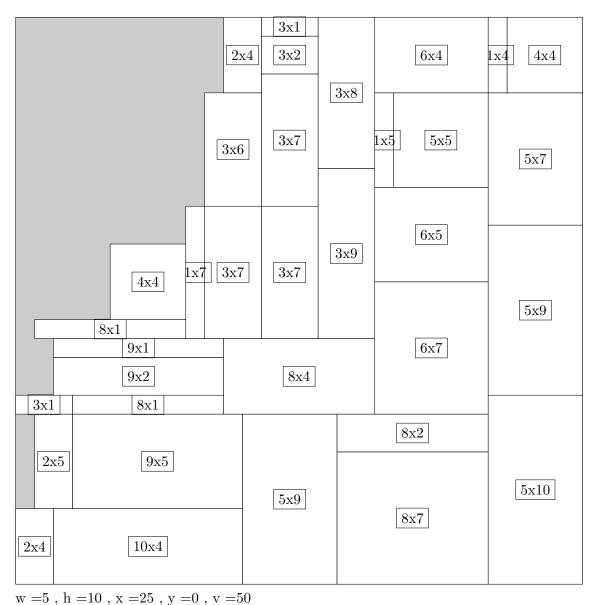
$$\begin{array}{l} w = 4 \;,\; h = 6 \;,\; x = 26 \;,\; y = 7 \;,\; v = 24 \\ w = 4 \;,\; h = 6 \;,\; x = 26 \;,\; y = 13 \;,\; v = 24 \\ w = 4 \;,\; h = 5 \;,\; x = 26 \;,\; y = 19 \;,\; v = 20 \\ w = 4 \;,\; h = 2 \;,\; x = 26 \;,\; y = 24 \;,\; v = 8 \\ w = 4 \;,\; h = 1 \;,\; x = 26 \;,\; y = 26 \;,\; v = 4 \\ w = 10 \;,\; h = 6 \;,\; x = 16 \;,\; y = 0 \;,\; v = 60 \\ w = 9 \;,\; h = 6 \;,\; x = 7 \;,\; y = 0 \;,\; v = 54 \\ w = 7 \;,\; h = 6 \;,\; x = 0 \;,\; y = 0 \;,\; v = 42 \\ w = 7 \;,\; h = 10 \;,\; x = 19 \;,\; y = 6 \;,\; v = 70 \\ w = 7 \;,\; h = 7 \;,\; x = 19 \;,\; y = 16 \;,\; v = 49 \\ w = 7 \;,\; h = 1 \;,\; x = 19 \;,\; y = 26 \;,\; v = 7 \\ w = 9 \;,\; h = 7 \;,\; x = 10 \;,\; y = 6 \;,\; v = 63 \\ w = 7 \;,\; h = 7 \;,\; x = 3 \;,\; y = 6 \;,\; v = 21 \\ w = 3 \;,\; h = 7 \;,\; x = 0 \;,\; y = 6 \;,\; v = 21 \\ \end{array}$$

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\begin{array}{l} w=8 \;,\; h=8 \;,\; x=11 \;,\; y=13 \;,\; v=64 \\ w=8 \;,\; h=6 \;,\; x=11 \;,\; y=21 \;,\; v=48 \\ w=8 \;,\; h=10 \;,\; x=3 \;,\; y=13 \;,\; v=80 \\ w=1 \;,\; h=10 \;,\; x=2 \;,\; y=13 \;,\; v=10 \\ w=1 \;,\; h=10 \;,\; x=1 \;,\; y=13 \;,\; v=10 \\ w=1 \;,\; h=7 \;,\; x=0 \;,\; y=13 \;,\; v=7 \\ w=10 \;,\; h=4 \;,\; x=1 \;,\; y=23 \;,\; v=40 \\ w=10 \;,\; h=3 \;,\; x=20 \;,\; y=27 \;,\; v=30 \\ w=10 \;,\; h=2 \;,\; x=10 \;,\; y=27 \;,\; v=20 \\ w=10 \;,\; h=1 \;,\; x=10 \;,\; y=29 \;,\; v=10 \\ w=9 \;,\; h=1 \;,\; x=1 \;,\; y=29 \;,\; v=9 \end{array}
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6x6	77		9x8		7x3 8x9	
7x5	(	6x5	8x4			
8x9	(	6x9	8x10		8x10	
2x8 8x8		10x8			10x8	

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w = 10, h = 8, x = 20, y = 0, v = 80
w = 10, h = 8, x = 10, y = 0, v = 80
w = 8, h = 8, x = 2, y = 0, v = 64
w = 2, h = 8, x = 0, y = 0, v = 16
w=8 , h=\!10 , x=\!22 , y=\!8 , v=\!80
w=8 , h=9 , x=22 , y=18 , v=72
w = 7, h = 3, x = 23, y = 27, v = 21
w = 8, h = 10, x = 14, y = 8, v = 80
w = 8, h = 4, x = 14, y = 18, v = 32
w = 6, h = 9, x = 8, y = 8, v = 54
w =6 , h =5 , x =8 , y =17 , v =30
w = 8, h = 9, x = 0, y = 8, v = 72
w = 7, h = 5, x = 1, y = 17, v = 35
w = 9, h = 8, x = 13, y = 22, v = 72
w = 7, h = 7, x = 6, y = 22, v = 49
w = 6, h = 1, x = 7, y = 29, v = 6
```

$$\begin{array}{l} w = 6 \ , \ h = 6 \ , \ x = 0 \ , \ y = 22 \ , \ v = 36 \\ w = 4 \ , \ h = 1 \ , \ x = 2 \ , \ y = 28 \ , \ v = 4 \end{array}$$



$$\begin{array}{l} w=5\;,\;h=9\;,\;x=25\;,\;y=10\;,\;v=45\\ w=5\;,\;h=7\;,\;x=25\;,\;y=19\;,\;v=35\\ w=4\;,\;h=4\;,\;x=26\;,\;y=26\;,\;v=16\\ w=1\;,\;h=4\;,\;x=25\;,\;y=26\;,\;v=4\\ w=8\;,\;h=7\;,\;x=17\;,\;y=0\;,\;v=56\\ w=8\;,\;h=2\;,\;x=17\;,\;y=7\;,\;v=16\\ w=5\;,\;h=9\;,\;x=12\;,\;y=0\;,\;v=45\\ w=10\;,\;h=4\;,\;x=2\;,\;y=0\;,\;v=40\\ w=2\;,\;h=4\;,\;x=0\;,\;y=0\;,\;v=40\\ w=2\;,\;h=4\;,\;x=0\;,\;y=0\;,\;v=8\\ w=9\;,\;h=5\;,\;x=3\;,\;y=4\;,\;v=45\\ w=2\;,\;h=5\;,\;x=1\;,\;y=4\;,\;v=10\\ w=6\;,\;h=7\;,\;x=19\;,\;y=9\;,\;v=42\\ w=6\;,\;h=5\;,\;x=19\;,\;y=16\;,\;v=30\\ w=5\;,\;h=5\;,\;x=20\;,\;y=21\;,\;v=25\\ w=1\;,\;h=5\;,\;x=19\;,\;y=21\;,\;v=5\\ \end{array}$$

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w = 6, h = 4, x = 19, y = 26, v = 24

w = 8, h = 4, x = 11, y = 9, v = 32

w = 8, h = 1, x = 3, y = 9, v = 8

w = 3, h = 1, x = 0, y = 9, v = 3

w = 9, h = 2, x = 2, y = 10, v = 18

w = 9, h = 1, x = 2, y = 12, v = 9

w = 3, h = 9, x = 16, y = 13, v = 27

w = 3, h = 8, x = 16, y = 22, v = 24

w = 3, h = 7, x = 13, y = 13, v = 21

w = 3, h = 7, x = 13, y = 20, v = 21

w = 3, h = 2, x = 13, y = 27, v = 6

w = 3, h = 1, x = 13, y = 29, v = 3

w = 3, h = 7, x = 10, y = 13, v = 21

w = 3, h = 6, x = 10, y = 20, v = 18

w = 2, h = 4, x = 11, y = 26, v = 8
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w =1 , h =7 , x =9 , y =13 , v =7 w =8 , h =1 , x =1 , y =13 , v =8 w =4 , h =4 , x =5 , y =14 , v =16