$ClassName: \ Class_02.2bp-42$

BinSize: 30×30 ReduceSize: 30×30

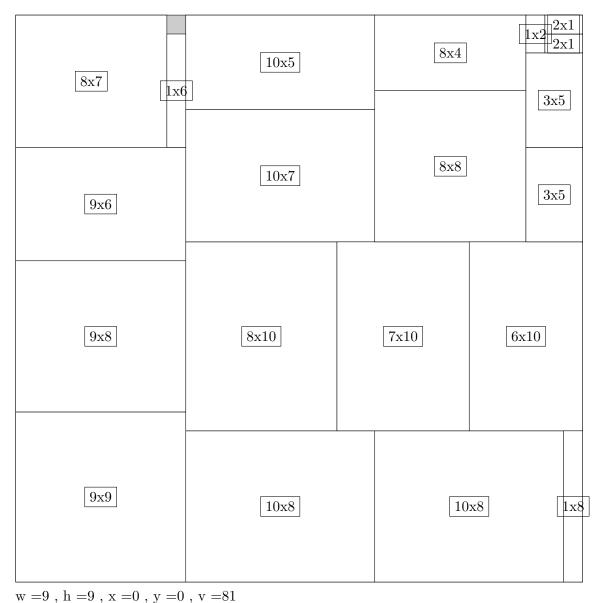
TypeNum: <u>60</u> Num: <u>100</u> OutS: <u>2700</u> InS: <u>2668</u> Rate: <u>0.988</u>

UB: **3** LB0: **3** LB: **3**

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

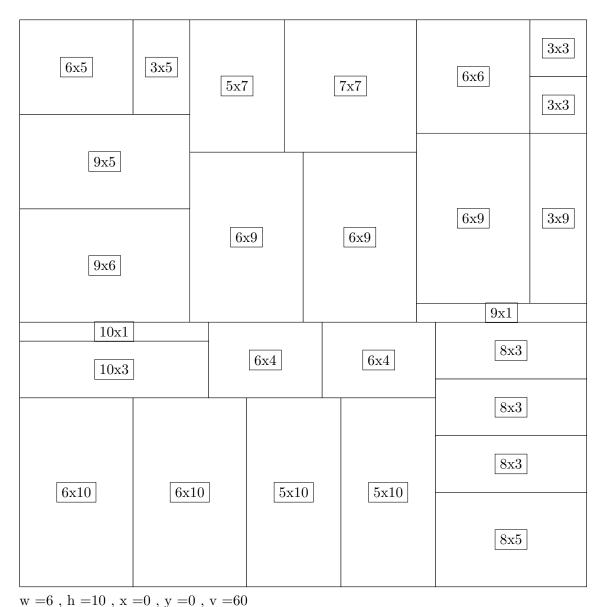
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 0.125 s



w = 9, h = 9, x = 0, y = 0, v = 81 w = 10, h = 8, x = 9, y = 0, v = 80 w = 10, h = 8, x = 19, y = 0, v = 80 w = 8, h = 10, x = 9, y = 8, v = 80 w = 9, h = 8, x = 0, y = 9, v = 72 w = 10, h = 7, x = 9, y = 18, v = 70 w = 7, h = 10, x = 17, y = 8, v = 70 w = 8, h = 8, x = 19, y = 18, v = 64 w = 6, h = 10, x = 24, y = 8, v = 60 w = 8, h = 7, x = 0, y = 23, v = 56 w = 9, h = 6, x = 0, y = 17, v = 54 w = 10, h = 5, x = 9, y = 25, v = 50 w = 3, h = 5, x = 27, y = 18, v = 15 w = 8, h = 4, x = 19, y = 26, v = 32 w = 3, h = 5, x = 27, y = 23, v = 15 w = 1, h = 8, x = 29, y = 0, v = 8 $\begin{array}{l} w = \! 1 \ , \ h = \! 6 \ , \ x = \! 8 \ , \ y = \! 23 \ , \ v = \! 6 \\ w = \! 2 \ , \ h = \! 1 \ , \ x = \! 28 \ , \ y = \! 28 \ , \ v = \! 2 \end{array}$

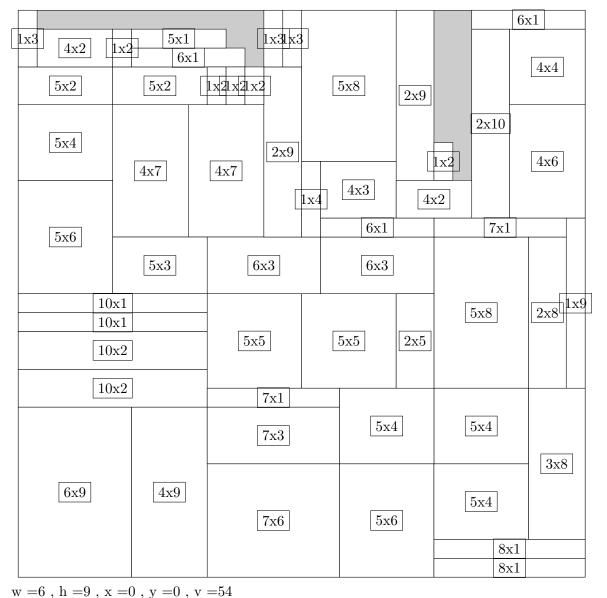
w = 2, h = 1, x = 28, y = 29, v = 2

 \mathbf{w} =1 , h =2 , x =27 , y =28 , v =2



$$\begin{array}{l} w=6\;,\;h=10\;,\;x=6\;,\;y=0\;,\;v=60\\ w=9\;,\;h=6\;,\;x=0\;,\;y=14\;,\;v=54\\ w=6\;,\;h=9\;,\;x=9\;,\;y=14\;,\;v=54\\ w=6\;,\;h=9\;,\;x=15\;,\;y=14\;,\;v=54\\ w=6\;,\;h=9\;,\;x=21\;,\;y=15\;,\;v=54\\ w=6\;,\;h=10\;,\;x=12\;,\;y=0\;,\;v=50\\ w=5\;,\;h=10\;,\;x=17\;,\;y=0\;,\;v=50\\ w=7\;,\;h=7\;,\;x=14\;,\;y=23\;,\;v=49\\ w=9\;,\;h=5\;,\;x=0\;,\;y=20\;,\;v=45\\ w=8\;,\;h=5\;,\;x=22\;,\;y=0\;,\;v=40\\ w=6\;,\;h=6\;,\;x=21\;,\;y=24\;,\;v=36\\ w=5\;,\;h=7\;,\;x=9\;,\;y=23\;,\;v=35\\ w=10\;,\;h=3\;,\;x=0\;,\;y=10\;,\;v=30\\ w=6\;,\;h=5\;,\;x=0\;,\;y=25\;,\;v=30\\ w=6\;,\;h=5\;,\;x=0\;,\;y=25\;,\;v=30\\ w=3\;,\;h=9\;,\;x=27\;,\;y=15\;,\;v=27\\ \end{array}$$

 $\begin{array}{l} w=8 \;,\; h=3 \;,\; x=22 \;,\; y=5 \;,\; v=24 \\ w=8 \;,\; h=3 \;,\; x=22 \;,\; y=8 \;,\; v=24 \\ w=8 \;,\; h=3 \;,\; x=22 \;,\; y=11 \;,\; v=24 \\ w=6 \;,\; h=4 \;,\; x=16 \;,\; y=10 \;,\; v=24 \\ w=6 \;,\; h=4 \;,\; x=10 \;,\; y=10 \;,\; v=24 \\ w=3 \;,\; h=5 \;,\; x=6 \;,\; y=25 \;,\; v=15 \\ w=10 \;,\; h=1 \;,\; x=0 \;,\; y=13 \;,\; v=10 \\ w=9 \;,\; h=1 \;,\; x=21 \;,\; y=14 \;,\; v=9 \\ w=3 \;,\; h=3 \;,\; x=27 \;,\; y=24 \;,\; v=9 \\ w=3 \;,\; h=3 \;,\; x=27 \;,\; y=27 \;,\; v=9 \end{array}$



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w = 5, h = 4, x = 22, y = 6, v = 20
w = 5, h = 4, x = 17, y = 6, v = 20
w = 5, h = 4, x = 0, y = 21, v = 20
w = 2, h = 10, x = 24, y = 19, v = 20
w = 6, h = 3, x = 16, y = 15, v = 18
w = 6, h = 3, x = 10, y = 15, v = 18
w = 2, h = 9, x = 13, y = 18, v = 18
w = 2, h = 9, x = 20, y = 21, v = 18
w = 4, h = 4, x = 26, y = 25, v = 16
w = 2, h = 8, x = 27, y = 10, v = 16
w = 5, h = 3, x = 5, y = 15, v = 15
w = 5, h = 8, x = 15, y = 22, v = 40
w = 4, h = 3, x = 16, y = 19, v = 12
w = 10, h = 1, x = 0, y = 13, v = 10
w = 10, h = 1, x = 0, y = 14, v = 10
w = 5, h = 2, x = 0, y = 25, v = 10
w = 5, h = 2, x = 5, y = 25, v = 10
w = 2, h = 5, x = 20, y = 10, v = 10
w = 1, h = 9, x = 29, y = 10, v = 9
w = 8, h = 1, x = 22, y = 0, v = 8
w = 8, h = 1, x = 22, y = 1, v = 8
w = 4, h = 2, x = 20, y = 19, v = 8
w = 4, h = 2, x = 1, y = 27, v = 8
w = 7, h = 1, x = 10, y = 9, v = 7
w = 7, h = 1, x = 22, y = 18, v = 7
w = 6, h = 1, x = 16, y = 18, v = 6
w = 6, h = 1, x = 24, y = 29, v = 6
w = 6, h = 1, x = 6, y = 27, v = 6
w = 5, h = 1, x = 6, y = 28, v = 5
w = 1, h = 4, x = 15, y = 18, v = 4
w = 1, h = 3, x = 14, y = 27, v = 3
w = 1, h = 3, x = 13, y = 27, v = 3
w = 1, h = 3, x = 0, y = 27, v = 3
w = 1, h = 2, x = 10, y = 25, v = 2
w = 1, h = 2, x = 11, y = 25, v = 2
w = 1, h = 2, x = 12, y = 25, v = 2
w = 1, h = 2, x = 5, y = 27, v = 2
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w = 1, h = 2, x = 22, y = 21, v = 2