$ClassName: {\bf Class_02.2bp-21}$

BinSize: 30×30 ReduceSize: 30×30

TypeNum: <u>45</u> Num: <u>60</u> OutS: <u>1800</u> InS: <u>1766</u> Rate: <u>0.981</u>

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

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

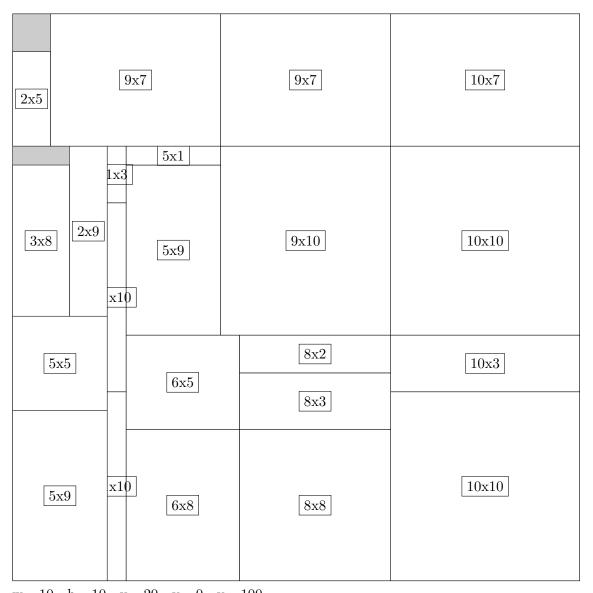
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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: 0.063 sTotalTime: 600.328 s



$$w = 8, h = 3, x = 12, y = 8, v = 24$$

$$w = 8$$
, $h = 2$, $x = 12$, $y = 11$, $v = 16$

$$w = 6$$
, $h = 5$, $x = 6$, $y = 8$, $v = 30$

$$\le =10$$
 , h =10 , x =20 , y =13 , v =100

$$w = 9$$
, $h = 10$, $x = 11$, $y = 13$, $v = 90$

$$\mathbf{w}$$
 =5 , h =1 , x =6 , y =22 , v =5

$$w = 1$$
, $h = 10$, $x = 5$, $y = 0$, $v = 10$

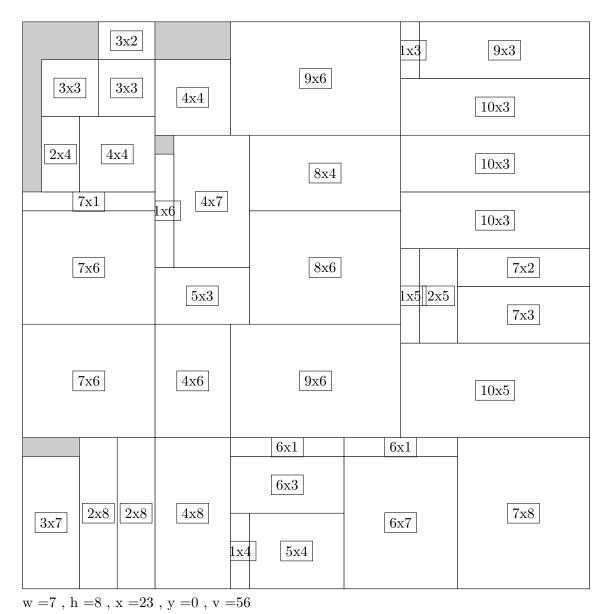
$$\mathbf{w}$$
 =1 , h =10 , x =5 , y =10 , v =10

$$\mathbf{w}$$
 =1 , h =3 , x =5 , y =20 , v =3

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

$$w$$
 =5 , h =5 , x =0 , y =9 , v =
25

 $\begin{array}{l} w=2\ ,\ h=9\ ,\ x=3\ ,\ y=14\ ,\ v=18\\ w=3\ ,\ h=8\ ,\ x=0\ ,\ y=14\ ,\ v=24\\ w=10\ ,\ h=7\ ,\ x=20\ ,\ y=23\ ,\ v=70\\ w=9\ ,\ h=7\ ,\ x=11\ ,\ y=23\ ,\ v=63\\ w=9\ ,\ h=7\ ,\ x=2\ ,\ y=23\ ,\ v=63\\ w=2\ ,\ h=5\ ,\ x=0\ ,\ y=23\ ,\ v=10 \end{array}$



$$\begin{array}{l} w=6\;,\;h=7\;,\;x=17\;,\;y=0\;,\;v=42\\ w=6\;,\;h=1\;,\;x=17\;,\;y=7\;,\;v=6\\ w=5\;,\;h=4\;,\;x=12\;,\;y=0\;,\;v=20\\ w=1\;,\;h=4\;,\;x=11\;,\;y=0\;,\;v=4\\ w=6\;,\;h=3\;,\;x=11\;,\;y=4\;,\;v=18\\ w=6\;,\;h=1\;,\;x=11\;,\;y=7\;,\;v=6\\ w=4\;,\;h=8\;,\;x=7\;,\;y=0\;,\;v=32\\ w=2\;,\;h=8\;,\;x=5\;,\;y=0\;,\;v=16\\ w=2\;,\;h=8\;,\;x=5\;,\;y=0\;,\;v=16\\ w=2\;,\;h=8\;,\;x=3\;,\;y=0\;,\;v=16\\ w=3\;,\;h=7\;,\;x=0\;,\;y=0\;,\;v=21\\ w=10\;,\;h=5\;,\;x=20\;,\;y=8\;,\;v=50\\ w=7\;,\;h=3\;,\;x=23\;,\;y=13\;,\;v=21\\ w=7\;,\;h=2\;,\;x=23\;,\;y=16\;,\;v=14\\ w=2\;,\;h=5\;,\;x=21\;,\;y=13\;,\;v=10\\ w=1\;,\;h=5\;,\;x=20\;,\;y=13\;,\;v=5\\ \end{array}$$

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w = 10, h = 3, x = 20, y = 18, v = 30
w = 10, h = 3, x = 20, y = 21, v = 30
w = 10, h = 3, x = 20, y = 24, v = 30
w = 9, h = 3, x = 21, y = 27, v = 27
w = 1, h = 3, x = 20, y = 27, v = 3
w = 9, h = 6, x = 11, y = 8, v = 54
w = 4, h = 6, x = 7, y = 8, v = 24
w =8 , h =6 , x =12 , y =14 , v =48
w = 8, h = 4, x = 12, y = 20, v = 32
w = 5, h = 3, x = 7, y = 14, v = 15
w = 4, h = 7, x = 8, y = 17, v = 28
w = 1, h = 6, x = 7, y = 17, v = 6
w = 9, h = 6, x = 11, y = 24, v = 54
w = 4, h = 4, x = 7, y = 24, v = 16
w = 7, h = 6, x = 0, y = 8, v = 42
w = 7, h = 6, x = 0, y = 14, v = 42
w = 7, h = 1, x = 0, y = 20, v = 7
w = 4, h = 4, x = 3, y = 21, v = 16
w = 2, h = 4, x = 1, y = 21, v = 8
w = 3, h = 3, x = 4, y = 25, v = 9
\le =3 , h =2 , x =4 , y =28 , v =6
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w = 3, h = 3, x = 1, y = 25, v = 9