$ClassName: {\bf Class_02.2bp\text{-}41}$

BinSize: 30×30 ReduceSize: 30×30

TypeNum: <u>63</u> Num: <u>100</u> OutS: <u>3600</u> InS: <u>3040</u> Rate: <u>0.844</u>

UB: <u>4</u> LB0: <u>4</u> LB: 4

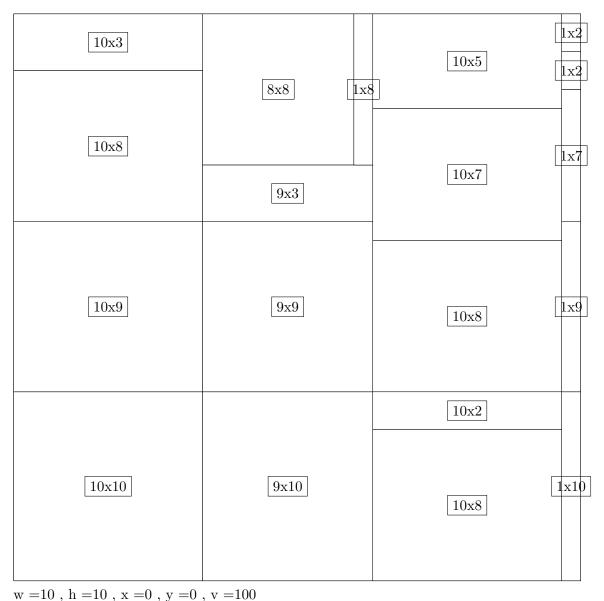
LBWithCut: $\underline{\mathbf{4}}$ NodeCut: $\underline{\mathbf{0}}$

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{4}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

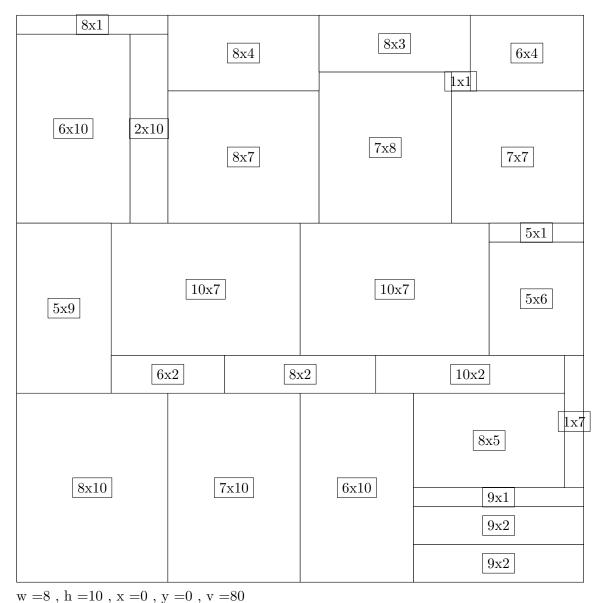
is Opt: $\underline{\mathbf{true}}$

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



w =10 , h =10 , x =0 , y =0 , v =100
w =10 , h =9 , x =0 , y =10 , v =90
w =9 , h =10 , x =10 , y =0 , v =90
w =9 , h =9 , x =10 , y =10 , v =81
w =10 , h =8 , x =0 , y =19 , v =80
w =10 , h =8 , x =19 , y =0 , v =80
w =10 , h =8 , x =19 , y =10 , v =80
w =10 , h =8 , x =19 , y =10 , v =80
w =10 , h =7 , x =19 , y =18 , v =70
w =8 , h =8 , x =10 , y =22 , v =64
w =10 , h =5 , x =19 , y =25 , v =50
w =10 , h =3 , x =0 , y =27 , v =30
w =9 , h =3 , x =10 , y =19 , v =27
w =10 , h =2 , x =19 , y =8 , v =20
w =1 , h =10 , x =29 , y =0 , v =10
w =1 , h =9 , x =29 , y =10 , v =9
w =1 , h =8 , x =18 , y =22 , v =8

 $\begin{array}{l} w = 1 \ , \ h = 7 \ , \ x = 29 \ , \ y = 19 \ , \ v = 7 \\ w = 1 \ , \ h = 2 \ , \ x = 29 \ , \ y = 26 \ , \ v = 2 \\ w = 1 \ , \ h = 2 \ , \ x = 29 \ , \ y = 28 \ , \ v = 2 \end{array}$



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w =10 , h =7 , x =5 , y =12 , v =70

w =10 , h =7 , x =15 , y =12 , v =70

w =7 , h =10 , x =8 , y =0 , v =70

w =6 , h =10 , x =15 , y =0 , v =60

w =6 , h =10 , x =0 , y =19 , v =60

w =8 , h =7 , x =8 , y =19 , v =56

w =7 , h =8 , x =16 , y =19 , v =56

w =7 , h =7 , x =23 , y =19 , v =49

w =5 , h =9 , x =0 , y =10 , v =45

w =5 , h =6 , x =25 , y =12 , v =30

w =8 , h =5 , x =21 , y =5 , v =40

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

w =8 , h =3 , x =16 , y =27 , v =24

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

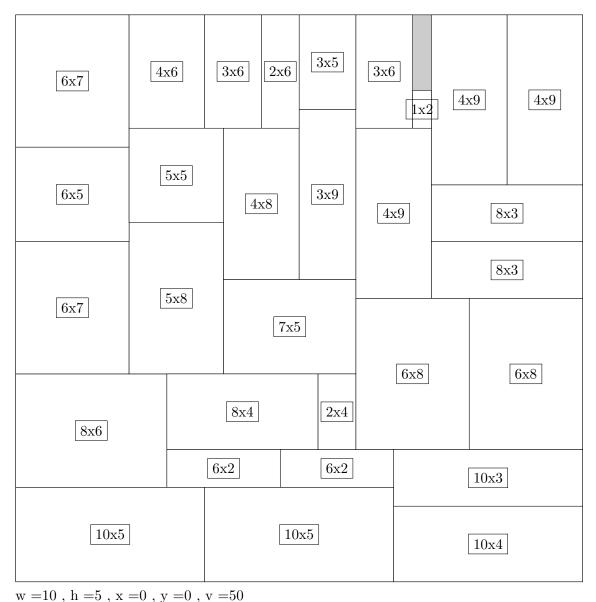
w =10 , h =2 , x =19 , y =10 , v =20
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w=2 , $h=\!10$, $x=\!6$, $y=\!19$, $v=\!20$ w = 9, h = 2, x = 21, y = 0, v = 18w=9 , h=2 , $x=\!21$, $y=\!2$, $v=\!18$ \mathbf{w} =8 , h =2 , x =11 , y =10 , v =16 \mathbf{w} =6 , h =2 , x =5 , y =10 , v =12 w = 9, h = 1, x = 21, y = 4, v = 9w =8 , h =1 , x =0 , y =29 , v =8

w=1 , h=7 , $x=\!29$, $y=\!5$, $v=\!7$

w =5 , h =1 , x =25 , y =18 , v =5

 $\mathbf{w} = \! 1$, $\mathbf{h} = \! 1$, $\mathbf{x} = \! 23$, $\mathbf{y} = \! 26$, $\mathbf{v} = \! 1$



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w =10, h =5, x =0, y =0, v =50

w =10, h =5, x =10, y =0, v =50

w =8, h =6, x =0, y =5, v =48

w =6, h =8, x =18, y =7, v =48

w =6, h =8, x =24, y =7, v =48

w =6, h =7, x =0, y =11, v =42

w =10, h =4, x =20, y =0, v =40

w =5, h =8, x =6, y =11, v =40

w =4, h =9, x =18, y =15, v =36

w =4, h =9, x =26, y =21, v =36

w =4, h =9, x =22, y =21, v =36

w =7, h =5, x =11, y =11, v =35

w =8, h =4, x =8, y =7, v =32

w =4, h =8, x =11, y =16, v =32

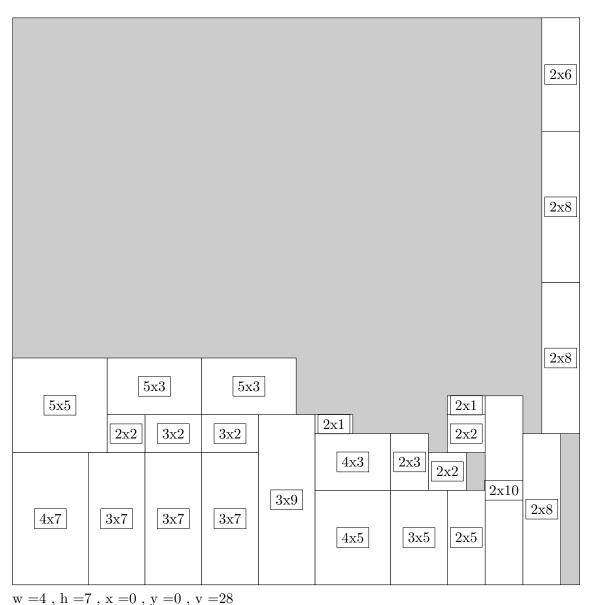
w =4, h =8, x =11, y =16, v =32

w =10, h =3, x =20, y =4, v =30

w =6, h =5, x =0, y =18, v =30
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\begin{array}{l} w=6\;,\;h=7\;,\;x=0\;,\;y=23\;,\;v=42\\ w=3\;,\;h=9\;,\;x=15\;,\;y=16\;,\;v=27\\ w=5\;,\;h=5\;,\;x=6\;,\;y=19\;,\;v=25\\ w=8\;,\;h=3\;,\;x=22\;,\;y=15\;,\;v=24\\ w=8\;,\;h=3\;,\;x=22\;,\;y=18\;,\;v=24\\ w=4\;,\;h=6\;,\;x=6\;,\;y=24\;,\;v=24\\ w=3\;,\;h=6\;,\;x=10\;,\;y=24\;,\;v=18\\ w=3\;,\;h=6\;,\;x=18\;,\;y=24\;,\;v=18\\ w=3\;,\;h=6\;,\;x=18\;,\;y=24\;,\;v=18\\ w=3\;,\;h=5\;,\;x=15\;,\;y=25\;,\;v=15\\ w=6\;,\;h=2\;,\;x=14\;,\;y=5\;,\;v=12\\ w=6\;,\;h=2\;,\;x=8\;,\;y=5\;,\;v=12\\ w=2\;,\;h=6\;,\;x=13\;,\;y=24\;,\;v=12\\ \end{array}
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 $\begin{array}{l} w = 2 \ , \ h = 4 \ , \ x = 16 \ , \ y = 7 \ , \ v = 8 \\ w = 1 \ , \ h = 2 \ , \ x = 21 \ , \ y = 24 \ , \ v = 2 \end{array}$



$$w = 5$$
, $h = 5$, $x = 0$, $y = 7$, $v = 25$

$$\begin{array}{l} w = 3 \ , \ h = 7 \ , \ x = 7 \ , \ y = 0 \ , \ v = 21 \\ w = 3 \ , \ h = 7 \ , \ x = 10 \ , \ y = 0 \ , \ v = 21 \end{array}$$

$$w = 4$$
, $h = 7$, $x = 10$, $y = 0$, $v = 21$
 $w = 4$, $h = 5$, $x = 16$, $y = 0$, $v = 20$

$$w = 4$$
, $h = 3$, $x = 10$, $y = 0$, $v = 20$
 $w = 2$, $h = 10$, $x = 25$, $y = 0$, $v = 20$

$$w = 2$$
, $h = 8$, $x = 27$, $y = 0$, $v = 16$

$$w = 2$$
, $h = 8$, $x = 28$, $y = 8$, $v = 16$

$$\mathbf{w}$$
 =2 , h =8 , x =28 , y =16 , v =16

$$w = 5$$
, $h = 3$, $x = 5$, $y = 9$, $v = 15$

$$w$$
 =5 , h =3 , x =10 , y =9 , v =15

$$\le 3$$
 , h =
5 , x =
20 , y =
0 , v =
15

$$w = 4$$
, $h = 3$, $x = 16$, $y = 5$, $v = 12$

$$w = 2$$
, $h = 6$, $x = 28$, $y = 24$, $v = 12$

$$w$$
 =2 , h =5 , x =23 , y =0 , v =10

$$w = 3$$
, $h = 2$, $x = 10$, $y = 7$, $v = 6$

$$\mathbf{w}$$
 =3 , h =2 , x =7 , y =7 , v =6

$$\mathbf{w}$$
 =2 , h =3 , x =20 , y =5 , v =6

$$\mathbf{w}$$
 =2 , h =2 , x =5 , y =7 , v =4

$$\mathbf{w}$$
 =2 , h =2 , x =22 , y =5 , v =4

$$w$$
 =2 , h =2 , x =23 , y =7 , v =4

$$\mathbf{w}$$
 =2 , h =1 , x =23 , y =9 , v =2

$$\mathbf{w}$$
 =2 , h =1 , x =16 , y =8 , v =2