$ClassName: \ Class\_02.2bp-16$ 

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

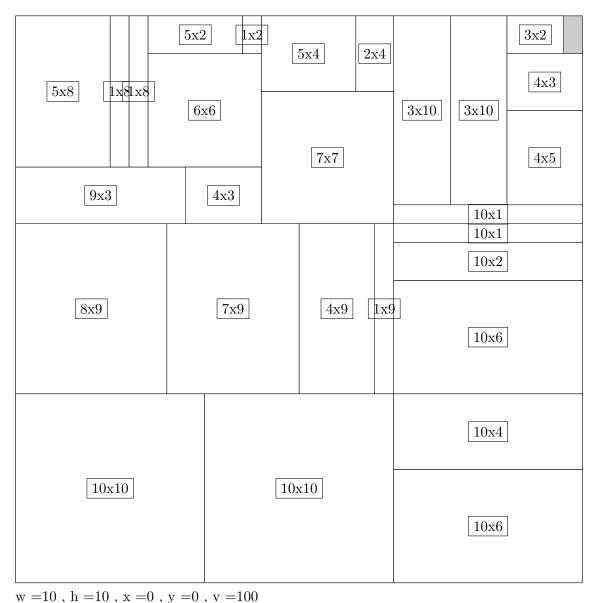
TypeNum: <u>32</u>
Num: <u>40</u>
OutS: <u>1800</u>
InS: <u>1074</u>
Rate: <u>0.597</u>

UB: <u>2</u> LB0: <u>2</u> LB: 2

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 0.110 s



```
w =10, h =10, x =0, y =0, v =100

w =10, h =10, x =10, y =0, v =100

w =8, h =9, x =0, y =10, v =72

w =7, h =9, x =8, y =10, v =63

w =9, h =3, x =0, y =19, v =27

w =10, h =6, x =20, y =0, v =60

w =7, h =7, x =13, y =19, v =49

w =10, h =4, x =20, y =6, v =40

w =5, h =8, x =0, y =22, v =40

w =6, h =6, x =7, y =22, v =36

w =4, h =9, x =15, y =10, v =36

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

w =3, h =10, x =23, y =20, v =30

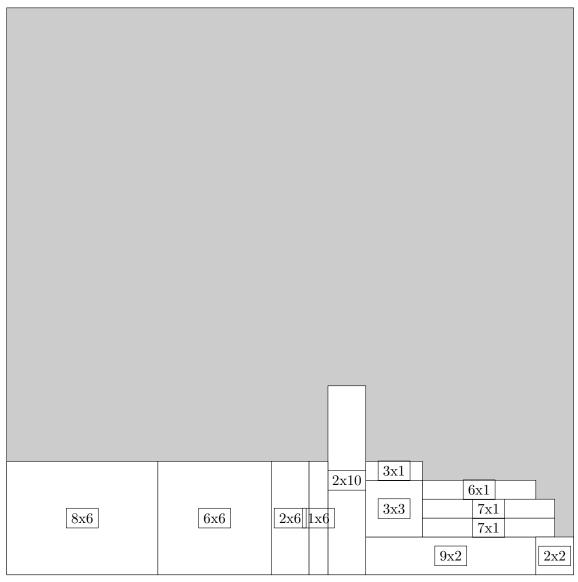
w =10, h =6, x =20, y =10, v =60

w =10, h =2, x =20, y =16, v =20

w =5, h =4, x =13, y =26, v =20
```

 $\begin{array}{l} w=4\ ,\, h=5\ ,\, x=26\ ,\, y=20\ ,\, v=20\\ w=4\ ,\, h=3\ ,\, x=9\ ,\, y=19\ ,\, v=12\\ w=4\ ,\, h=3\ ,\, x=26\ ,\, y=25\ ,\, v=12\\ w=10\ ,\, h=1\ ,\, x=20\ ,\, y=18\ ,\, v=10\\ w=10\ ,\, h=1\ ,\, x=20\ ,\, y=19\ ,\, v=10\\ w=5\ ,\, h=2\ ,\, x=7\ ,\, y=28\ ,\, v=10\\ w=1\ ,\, h=9\ ,\, x=19\ ,\, y=10\ ,\, v=9\\ w=2\ ,\, h=4\ ,\, x=18\ ,\, y=26\ ,\, v=8\\ w=1\ ,\, h=8\ ,\, x=5\ ,\, y=22\ ,\, v=8\\ w=1\ ,\, h=8\ ,\, x=6\ ,\, y=22\ ,\, v=8\\ w=3\ ,\, h=2\ ,\, x=26\ ,\, y=28\ ,\, v=6\\ \end{array}$ 

 $\mathbf{w}$  =1 , h =2 , x =12 , y =28 , v =2



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

$$w = 6$$
,  $h = 6$ ,  $x = 8$ ,  $y = 0$ ,  $v = 36$ 

$$\mathbf{w}=\!2$$
 ,  $\mathbf{h}=\!10$  ,  $\mathbf{x}=\!17$  ,  $\mathbf{y}=\!0$  ,  $\mathbf{v}=\!20$ 

$$w = 9$$
,  $h = 2$ ,  $x = 19$ ,  $y = 0$ ,  $v = 18$ 

$$w = 2$$
,  $h = 6$ ,  $x = 14$ ,  $y = 0$ ,  $v = 12$ 

$$w = 3$$
,  $h = 3$ ,  $x = 19$ ,  $y = 2$ ,  $v = 9$ 

$$w = 7$$
,  $h = 1$ ,  $x = 22$ ,  $y = 2$ ,  $v = 7$ 

$$\mathbf{w}$$
 =7 , h =1 , x =22 , y =3 , v =7

$$w = 6$$
,  $h = 1$ ,  $x = 22$ ,  $y = 4$ ,  $v = 6$ 

$$\mathbf{w}$$
 =1 , h =6 , x =  
16 , y =0 , v =6

$$w = 2$$
,  $h = 2$ ,  $x = 28$ ,  $y = 0$ ,  $v = 4$ 

$$w=3$$
 ,  $h=1$  ,  $x=\!19$  ,  $y=\!5$  ,  $v=\!3$