$ClassName: \ Class\_02.2bp-28$ 

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

TypeNum:  $\underline{48}$ Num:  $\underline{60}$ OutS:  $\underline{1800}$ InS:  $\underline{1737}$ Rate:  $\underline{0.965}$ 

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

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

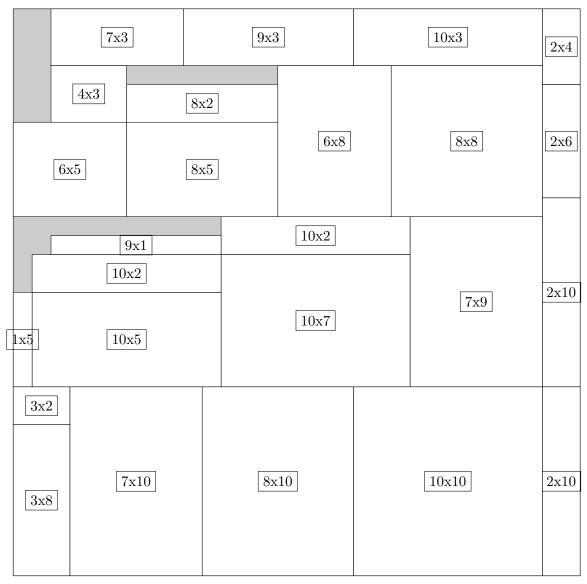
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

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: 600.329 s



$$w = 2$$
,  $h = 10$ ,  $x = 28$ ,  $y = 0$ ,  $v = 20$ 

$$w$$
 =2 , h =10 , x =28 , y =10 , v =20

$$w = 2$$
,  $h = 6$ ,  $x = 28$ ,  $y = 20$ ,  $v = 12$ 

$$w$$
 =2 , h =4 , x =28 , y =26 , v =8

$$\mathbf{w}$$
 =10 ,  $\mathbf{h}$  =10 ,  $\mathbf{x}$  =18 ,  $\mathbf{y}$  =0 ,  $\mathbf{v}$  =100

$$w = 8$$
,  $h = 10$ ,  $x = 10$ ,  $y = 0$ ,  $v = 80$ 

$$\mathbf{w}$$
 =7 , h =10 , x =3 , y =0 , v =70

$$w = 3$$
,  $h = 8$ ,  $x = 0$ ,  $y = 0$ ,  $v = 24$ 

$$w = 3$$
,  $h = 2$ ,  $x = 0$ ,  $y = 8$ ,  $v = 6$ 

$$w$$
 =7 ,  $h$  =9 ,  $x$  =21 ,  $y$  =10 ,  $v$  =63

$$w = 10$$
,  $h = 7$ ,  $x = 11$ ,  $y = 10$ ,  $v = 70$ 

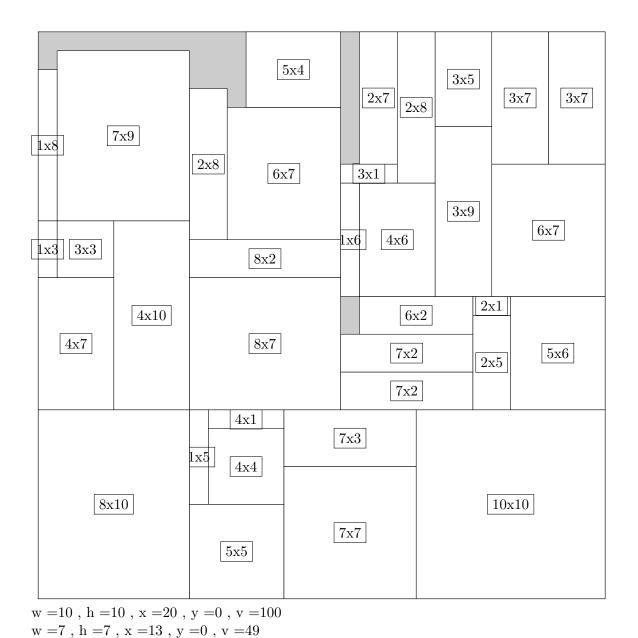
$$w = 10$$
,  $h = 5$ ,  $x = 1$ ,  $y = 10$ ,  $v = 50$ 

$$\mathbf{w}$$
 =1 , h =5 , x =0 , y =10 , v =5

$$w = 10$$
,  $h = 2$ ,  $x = 1$ ,  $y = 15$ ,  $v = 20$ 

 $\begin{array}{l} w=8 \ , \ h=8 \ , \ x=20 \ , \ y=19 \ , \ v=64 \\ w=6 \ , \ h=8 \ , \ x=14 \ , \ y=19 \ , \ v=48 \\ w=8 \ , \ h=5 \ , \ x=6 \ , \ y=19 \ , \ v=40 \\ w=8 \ , \ h=2 \ , \ x=6 \ , \ y=24 \ , \ v=16 \\ w=6 \ , \ h=5 \ , \ x=0 \ , \ y=19 \ , \ v=30 \\ w=4 \ , \ h=3 \ , \ x=2 \ , \ y=24 \ , \ v=12 \\ w=10 \ , \ h=3 \ , \ x=18 \ , \ y=27 \ , \ v=30 \\ w=9 \ , \ h=3 \ , \ x=9 \ , \ y=27 \ , \ v=27 \end{array}$ 

w = 7, h = 3, x = 2, y = 27, v = 21



w = 3, h = 7, x = 27, y = 23, v = 21w = 3, h = 7, x = 24, y = 23, v = 21

```
w = 3, h = 9, x = 21, y = 16, v = 27
w = 3, h = 5, x = 21, y = 25, v = 15
w = 4, h = 6, x = 17, y = 16, v = 24
w = 1, h = 6, x = 16, y = 16, v = 6
w = 2, h = 8, x = 19, y = 22, v = 16
w = 3, h = 1, x = 16, y = 22, v = 3
w = 2, h = 7, x = 17, y = 23, v = 14
w =8 , h =7 , x =8 , y =10 , v =
56
w = 8, h = 2, x = 8, y = 17, v = 16
w = 6, h = 7, x = 10, y = 19, v = 42
w = 5, h = 4, x = 11, y = 26, v = 20
w = 2, h = 8, x = 8, y = 19, v = 16
w = 8, h = 10, x = 0, y = 0, v = 80
w = 4, h = 10, x = 4, y = 10, v = 40
w = 4, h = 7, x = 0, y = 10, v = 28
w = 3, h = 3, x = 1, y = 17, v = 9
w = 1, h = 3, x = 0, y = 17, v = 3
w = 7, h = 9, x = 1, y = 20, v = 63
w = 1, h = 8, x = 0, y = 20, v = 8
```