$ClassName: \ Class_02.2bp-16$

 $\begin{array}{ccc} \text{BinSize: } \underline{30} & \overline{\times} & \underline{30} \\ \text{ReduceSize: } \underline{30} & \times & \underline{30} \end{array}$

TypeNum: $\underline{32}$ Num: $\underline{40}$ OutS: $\underline{1800}$ InS: $\underline{1074}$ Rate: $\underline{0.597}$

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

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

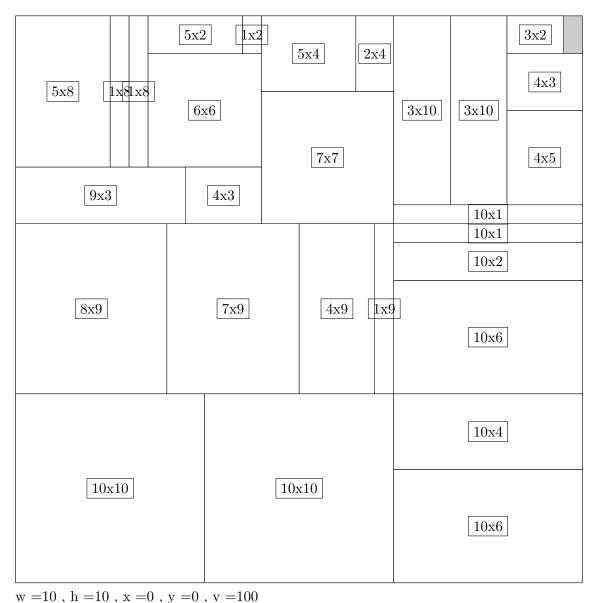
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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: $\underline{\mathbf{0}}$

Branch And
Bound Num: $\underline{\mathbf{1}}$

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

 $\begin{array}{ll} \text{TimeOnPrimal: } \underline{0.000 \text{ s}} \\ \text{TimeOnPricing: } \underline{0.000 \text{ s}} \\ \text{TimeOnRmp: } \underline{0.063 \text{ s}} \\ \text{TotalTime: } \underline{0.125 \text{ s}} \end{array}$



```
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

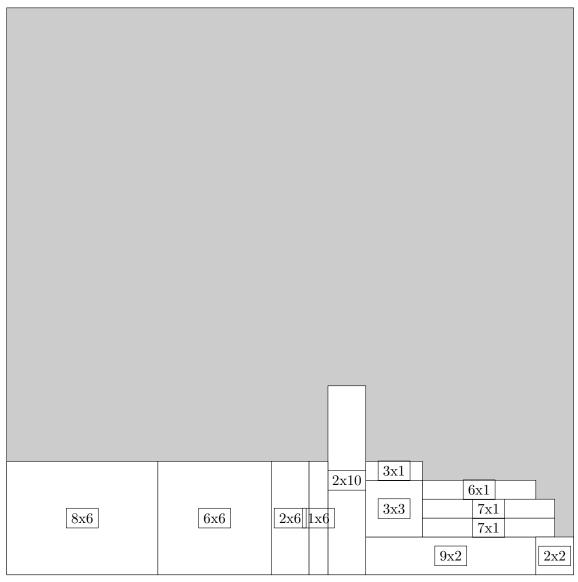
w =10, h =6, x =20, y =10, v =60

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

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

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