$ClassName: \ Class_02.2bp-14$

BinSize: 30×30 ReduceSize: 30×30

TypeNum: $\underline{35}$ Num: $\underline{40}$ OutS: $\underline{1800}$ InS: $\underline{1376}$ Rate: $\underline{0.764}$

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

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

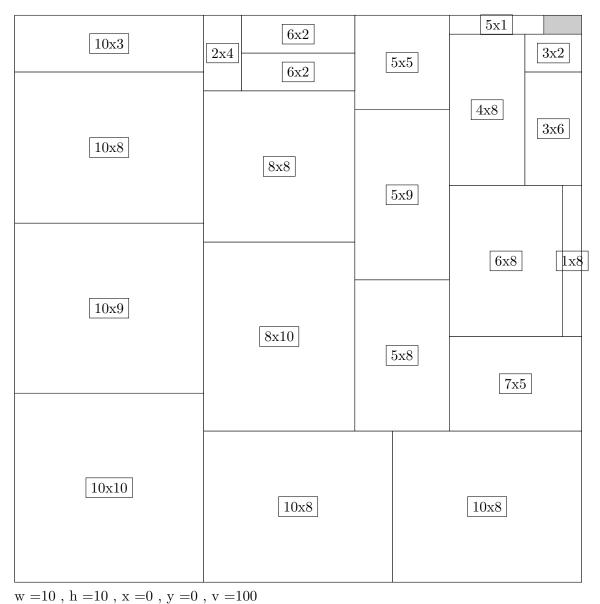
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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: $\underline{\mathbf{0}}$ Branch And Bound Nu

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

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.000 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.094 \ s} \\ {\rm TotalTime:} \ \underline{0.156 \ s} \end{array}$



```
w =10, h =9, x =0, y =10, v =90

w =10, h =8, x =0, y =19, v =80

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

w =10, h =8, x =20, y =0, v =80

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

w =8, h =8, x =10, y =18, v =64

w =5, h =8, x =18, y =8, v =40

w =6, h =8, x =23, y =13, v =48

w =5, h =9, x =18, y =16, v =45

w =7, h =5, x =23, y =16, v =35

w =4, h =8, x =23, y =21, v =32

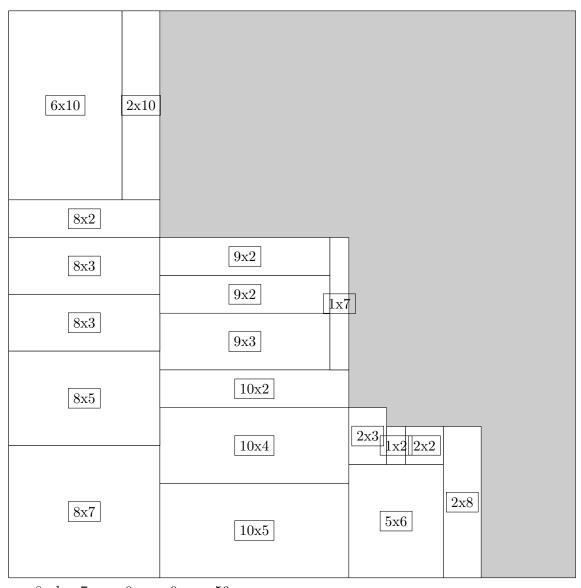
w =10, h =3, x =0, y =27, v =30

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

w =3, h =6, x =27, y =21, v =18

w =6, h =2, x =12, y =26, v =12
```

 $\begin{array}{l} w=6 \ , \ h=2 \ , \ x=12 \ , \ y=28 \ , \ v=12 \\ w=2 \ , \ h=4 \ , \ x=10 \ , \ y=26 \ , \ v=8 \\ w=1 \ , \ h=8 \ , \ x=29 \ , \ y=13 \ , \ v=8 \\ w=3 \ , \ h=2 \ , \ x=27 \ , \ y=27 \ , \ v=6 \\ w=5 \ , \ h=1 \ , \ x=23 \ , \ y=29 \ , \ v=5 \end{array}$



```
w = 8, h = 7, x = 0, y = 0, v = 56
w=\!10 , h=\!5 , x=\!8 , y=\!0 , v=\!50
w = 10, h = 4, x = 8, y = 5, v = 40
w = 8, h = 5, x = 0, y = 7, v = 40
w = 6, h = 10, x = 0, y = 20, v = 60
w=\!5 , h=\!6 , x=\!18 , y=\!0 , v=\!30
w = 9, h = 3, x = 8, y = 11, v = 27
w = 8, h = 3, x = 0, y = 12, v = 24
w = 8, h = 3, x = 0, y = 15, v = 24
w = 10, h = 2, x = 8, y = 9, v = 20
w = 2, h = 10, x = 6, y = 20, v = 20
w=9 , h=2 , x=8 , y=\!14 , v=\!18
w = 9, h = 2, x = 8, y = 16, v = 18
\mathbf{w} =8 , h =2 , x =0 , y =18 , v =16
w = 2, h = 8, x = 23, y = 0, v = 16
w = 1, h = 7, x = 17, y = 11, v = 7
```

 $\begin{array}{l} w=2 \ , \ h=3 \ , \ x=18 \ , \ y=6 \ , \ v=6 \\ w=2 \ , \ h=2 \ , \ x=21 \ , \ y=6 \ , \ v=4 \\ w=1 \ , \ h=2 \ , \ x=20 \ , \ y=6 \ , \ v=2 \end{array}$