$ClassName: \ Class\_04.2bp-4$ 

BinSize:  $\underline{100 \times 100}$ ReduceSize:  $\underline{100 \times 100}$ 

TypeNum:  $\underline{20}$ Num:  $\underline{20}$ OutS:  $\underline{10000}$ InS:  $\underline{5520}$ Rate:  $\underline{0.552}$ 

UB: <u>1</u> LB: <u>1</u>

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

isOpt: **true** 

 $\begin{array}{ll} \text{TimeOnPrimal: } \underline{0.000 \text{ s}} \\ \text{TimeOnPricing: } \underline{0.000 \text{ s}} \\ \text{TimeOnRmp: } \underline{0.062 \text{ s}} \\ \text{TotalTime: } \underline{0.187 \text{ s}} \end{array}$ 



```
w = 20, h = 15, x = 80, y = 0, v = 300
```

$$w=\!13$$
 ,  $h=\!14$  ,  $x=\!67$  ,  $y=\!0$  ,  $v=\!182$ 

$$\mathbf{w}$$
 =11 , h =14 , x =56 , y =0 , v =154

$$w = 35$$
,  $h = 5$ ,  $x = 21$ ,  $y = 0$ ,  $v = 175$ 

$$\le =31$$
 , h =9 , x =25 , y =5 , v =279

$$w = 29$$
,  $h = 12$ ,  $x = 71$ ,  $y = 44$ ,  $v = 348$ 

$$w = 28$$
,  $h = 4$ ,  $x = 72$ ,  $y = 56$ ,  $v = 112$ 

$$w$$
 =13 ,  $h$  =34 ,  $x$  =87 ,  $y$  =60 ,  $v$  =442

$$\le =17$$
 , h =23 , x =70 , y =60 , v =391

$$w = 13$$
,  $h = 6$ ,  $x = 74$ ,  $y = 83$ ,  $v = 78$ 

$$\mathbf{w}$$
 =6 , h =6 , x =68 , y =83 , v =36

$$w = 24$$
,  $h = 3$ ,  $x = 76$ ,  $y = 94$ ,  $v = 72$ 

$$w = 33$$
,  $h = 32$ ,  $x = 33$ ,  $y = 15$ ,  $v = 1056$ 

$$\le =9$$
 ,  $h$  =18 ,  $x$  =57 ,  $y$  =47 ,  $v$  =162

$$\le =32$$
 , h =5 , x =25 , y =47 , v =160

 $\begin{array}{l} w = \! 14 \; , \; h = \! 29 \; , \; x = \! 52 \; , \; y = \! 68 \; , \; v = \! 406 \\ w = \! 6 \; , \; h = \! 22 \; , \; x = \! 0 \; , \; y = \! 15 \; , \; v = \! 132 \\ w = \! 1 \; , \; h = \! 3 \; , \; x = \! 99 \; , \; y = \! 97 \; , \; v = \! 3 \\ w = \! 23 \; , \; h = \! 2 \; , \; x = \! 76 \; , \; y = \! 97 \; , \; v = \! 46 \end{array}$