$ClassName: \ Class\_04.2bp-19$ 

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

TypeNum:  $\underline{38}$  Num:  $\underline{40}$  OutS:  $\underline{20000}$  InS:  $\underline{10766}$  Rate:  $\underline{0.538}$ 

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

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

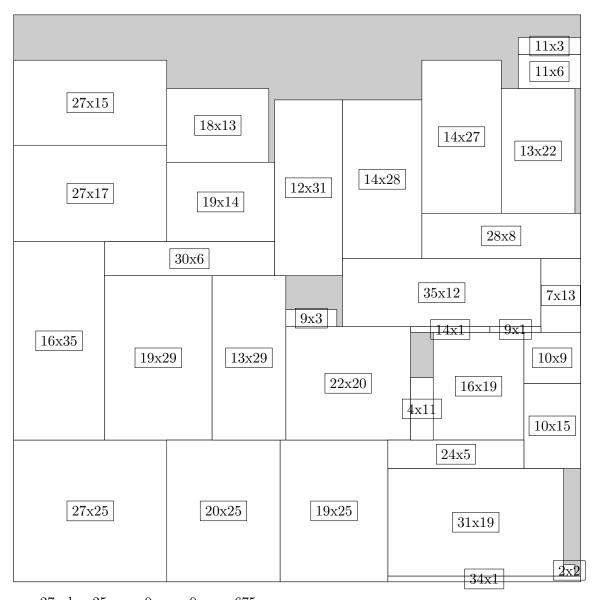
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

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:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

branchAndboundr

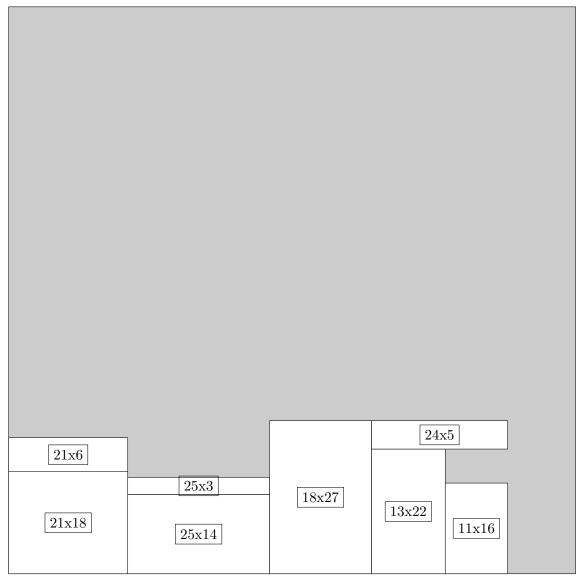
is Opt:  $\underline{\mathbf{true}}$ 

TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{0.000 \text{ s}}$ TimeOnRmp:  $\underline{0.109 \text{ s}}$ TotalTime:  $\underline{0.172 \text{ s}}$ 



```
w = 27, h = 25, x = 0, y = 0, v = 675
w = 31, h = 19, x = 66, y = 1, v = 589
w = 16, h = 35, x = 0, y = 25, v = 560
w = 19, h = 29, x = 16, y = 25, v = 551
w = 20, h = 25, x = 27, y = 0, v = 500
w = 16, h = 19, x = 74, y = 25, v = 304
w = 19, h = 25, x = 47, y = 0, v = 475
w = 27, h = 17, x = 0, y = 60, v = 459
w = 22, h = 20, x = 48, y = 25, v = 440
w = 35, h = 12, x = 58, y = 45, v = 420
w = 27, h = 15, x = 0, y = 77, v = 405
w = 14, h = 28, x = 58, y = 57, v = 392
w = 14, h = 27, x = 72, y = 65, v = 378
w = 13, h = 29, x = 35, y = 25, v = 377
w = 12, h = 31, x = 46, y = 54, v = 372
w = 13, h = 22, x = 86, y = 65, v = 286
```

```
w = 19, h = 14, x = 27, y = 60, v = 266
w = 18, h = 13, x = 27, y = 74, v = 234
w = 28, h = 8, x = 72, y = 57, v = 224
w = 30, h = 6, x = 16, y = 54, v = 180
w = 10, h = 15, x = 90, y = 20, v = 150
w = 24, h = 5, x = 66, y = 20, v = 120
w = 7, h = 13, x = 93, y = 44, v = 91
w=\!10 , h=\!9 , x=\!90 , y=\!35 , v=\!90
w = 11, h = 6, x = 89, y = 87, v = 66
w = 4, h = 11, x = 70, y = 25, v = 44
w = 34, h = 1, x = 66, y = 0, v = 34
w = 11, h = 3, x = 89, y = 93, v = 33
w =9 , h =3 , x =48 , y =45 , v =27
w = 14, h = 1, x = 70, y = 44, v = 14
w = 9, h = 1, x = 84, y = 44, v = 9
w = 2, h = 2, x = 97, y = 1, v = 4
```



$$\begin{array}{l} w=21 \ , \ h=18 \ , \ x=0 \ , \ y=0 \ , \ v=378 \\ w=25 \ , \ h=14 \ , \ x=21 \ , \ y=0 \ , \ v=350 \\ w=18 \ , \ h=27 \ , \ x=46 \ , \ y=0 \ , \ v=486 \\ w=13 \ , \ h=22 \ , \ x=64 \ , \ y=0 \ , \ v=286 \\ w=11 \ , \ h=16 \ , \ x=77 \ , \ y=0 \ , \ v=176 \\ w=21 \ , \ h=6 \ , \ x=0 \ , \ y=18 \ , \ v=126 \\ w=24 \ , \ h=5 \ , \ x=64 \ , \ y=22 \ , \ v=120 \\ w=25 \ , \ h=3 \ , \ x=21 \ , \ y=14 \ , \ v=75 \end{array}$$