$ClassName: \ Class_04.2bp-32$

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

TypeNum: <u>76</u> Num: <u>80</u> OutS: <u>30000</u> InS: <u>24830</u> Rate: <u>0.828</u>

UB: <u>3</u> LB0: <u>3</u> LB: **3**

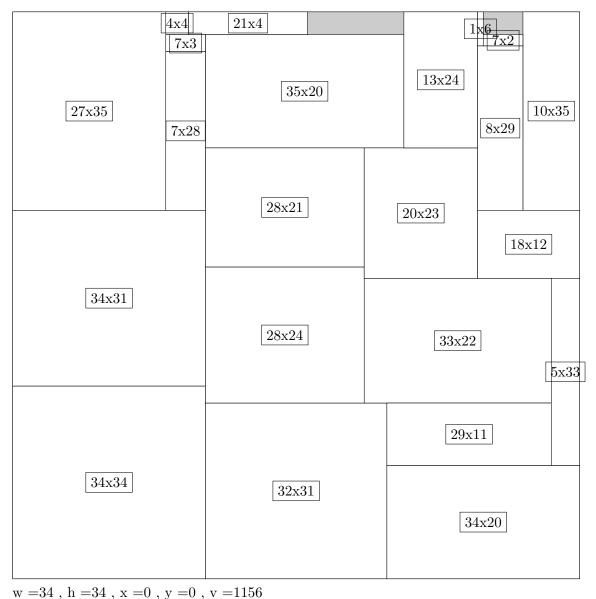
LBWithCut: $\underline{\mathbf{3}}$ NodeCut: $\underline{\mathbf{0}}$

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{3}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: $\underline{\mathbf{true}}$

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.000 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.062 \ s} \\ {\rm TotalTime:} \ \underline{0.125 \ s} \\ \end{array}$



```
w =34, h =31, x =0, y =34, v =1054

w =32, h =31, x =34, y =0, v =992

w =27, h =35, x =0, y =65, v =945

w =33, h =22, x =62, y =31, v =726

w =35, h =20, x =34, y =76, v =700

w =34, h =20, x =66, y =0, v =680

w =28, h =24, x =34, y =31, v =672

w =28, h =21, x =34, y =55, v =588

w =20, h =23, x =62, y =53, v =460

w =10, h =35, x =90, y =65, v =350

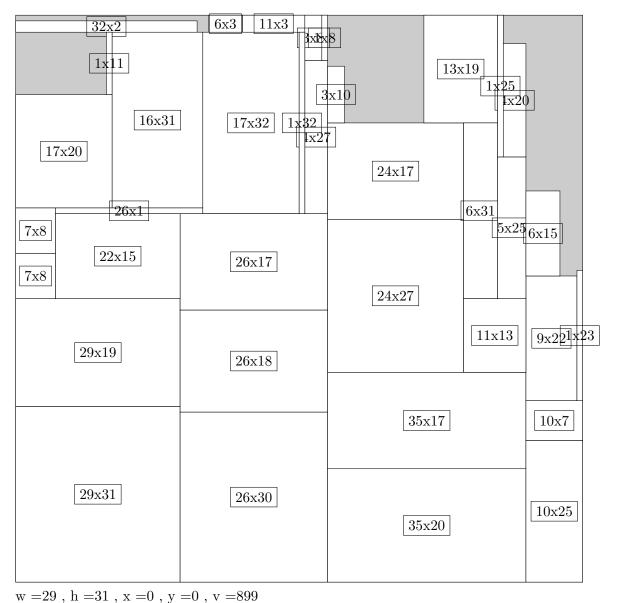
w =29, h =11, x =66, y =20, v =319

w =13, h =24, x =69, y =76, v =312

w =8, h =29, x =82, y =65, v =232

w =18, h =12, x =82, y =65, v =196
```

 $\begin{array}{l} w=5\ ,\ h=33\ ,\ x=95\ ,\ y=20\ ,\ v=165\\ w=21\ ,\ h=4\ ,\ x=31\ ,\ y=96\ ,\ v=84\\ w=7\ ,\ h=3\ ,\ x=27\ ,\ y=93\ ,\ v=21\\ w=4\ ,\ h=4\ ,\ x=27\ ,\ y=96\ ,\ v=16\\ w=7\ ,\ h=2\ ,\ x=83\ ,\ y=94\ ,\ v=14\\ w=1\ ,\ h=6\ ,\ x=82\ ,\ y=94\ ,\ v=6 \end{array}$



```
w =26 , h =30 , x =29 , y =0 , v =780

w =35 , h =20 , x =55 , y =0 , v =700

w =24 , h =27 , x =55 , y =37 , v =648

w =35 , h =17 , x =55 , y =20 , v =595

w =29 , h =19 , x =0 , y =31 , v =551

w =17 , h =32 , x =33 , y =65 , v =544

w =16 , h =31 , x =17 , y =66 , v =496

w =26 , h =18 , x =29 , y =30 , v =468

w =26 , h =17 , x =29 , y =48 , v =442

w =24 , h =17 , x =55 , y =64 , v =408

w =17 , h =20 , x =0 , y =66 , v =340

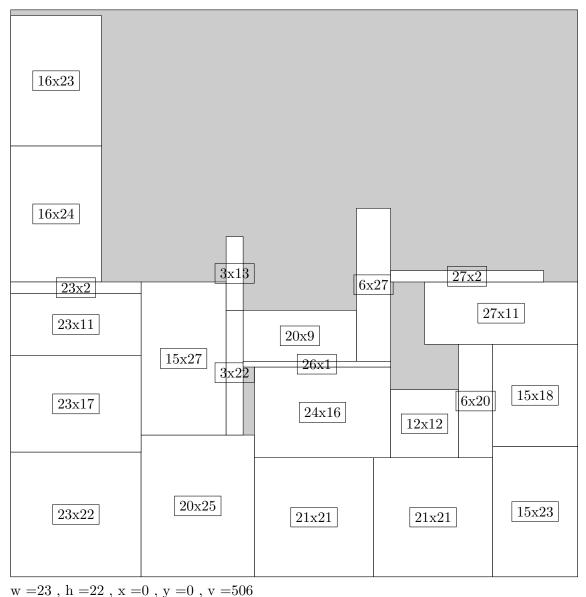
w =22 , h =15 , x =7 , y =50 , v =330

w =10 , h =25 , x =90 , y =0 , v =250

w =13 , h =19 , x =72 , y =81 , v =247

w =9 , h =22 , x =90 , y =32 , v =198
```

```
w = 6, h = 31, x = 79, y = 50, v = 186
w = 11, h = 13, x = 79, y = 37, v = 143
w = 5, h = 25, x = 85, y = 50, v = 125
w = 4, h = 27, x = 51, y = 65, v = 108
w = 6, h = 15, x = 90, y = 54, v = 90
w = 4, h = 20, x = 86, y = 75, v = 80
w = 10, h = 7, x = 90, y = 25, v = 70
\mathbf{w}=\!32 , \mathbf{h}=\!2 , \mathbf{x}=\!0 , \mathbf{y}=\!97 , \mathbf{v}=\!64
w = 7, h = 8, x = 0, y = 50, v = 56
w = 7, h = 8, x = 0, y = 58, v = 56
w = 11, h = 3, x = 40, y = 97, v = 33
w = 6, h = 3, x = 34, y = 97, v = 18
w = 3, h = 10, x = 55, y = 81, v = 30
w = 26, h = 1, x = 7, y = 65, v = 26
w = 1, h = 25, x = 85, y = 75, v = 25
w = 3, h = 8, x = 51, y = 92, v = 24
w = 1, h = 23, x = 99, y = 32, v = 23
w = 1, h = 32, x = 50, y = 65, v = 32
w = 1, h = 11, x = 16, y = 86, v = 11
w = 1, h = 8, x = 54, y = 92, v = 8
```



```
w =25, h =22, x =0, y =0, v =500

w =20, h =25, x =23, y =0, v =500

w =21, h =21, x =43, y =0, v =441

w =21, h =21, x =64, y =0, v =441

w =15, h =27, x =23, y =25, v =405

w =23, h =17, x =0, y =22, v =391

w =24, h =16, x =43, y =21, v =384

w =16, h =24, x =0, y =52, v =384

w =16, h =23, x =0, y =76, v =368

w =15, h =23, x =85, y =0, v =345

w =27, h =11, x =73, y =41, v =297

w =15, h =18, x =85, y =23, v =270

w =23, h =11, x =0, y =39, v =253

w =20, h =9, x =41, y =38, v =180

w =6, h =27, x =61, y =38, v =162

w =12, h =12, x =67, y =21, v =144
```

 $\begin{array}{l} w=6\ ,\, h=20\ ,\, x=79\ ,\, y=21\ ,\, v=120\\ w=3\ ,\, h=22\ ,\, x=38\ ,\, y=25\ ,\, v=66\\ w=27\ ,\, h=2\ ,\, x=67\ ,\, y=52\ ,\, v=54\\ w=23\ ,\, h=2\ ,\, x=0\ ,\, y=50\ ,\, v=46\\ w=3\ ,\, h=13\ ,\, x=38\ ,\, y=47\ ,\, v=39\\ w=26\ ,\, h=1\ ,\, x=41\ ,\, y=37\ ,\, v=26\\ \end{array}$