$ClassName: \ Class_06.2bp-49$

BinSize: 300×300 ReduceSize: 300×300

TypeNum: <u>100</u> Num: <u>100</u> OutS: <u>360000</u> InS: <u>292519</u> Rate: <u>0.813</u>

UB: <u>4</u> LB0: <u>4</u> LB: **4**

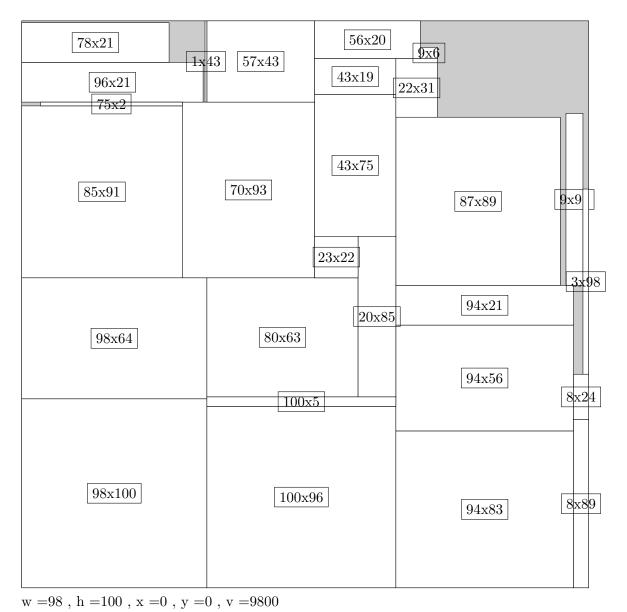
LBWithCut: $\underline{\mathbf{4}}$ NodeCut: $\underline{\mathbf{0}}$

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{4}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

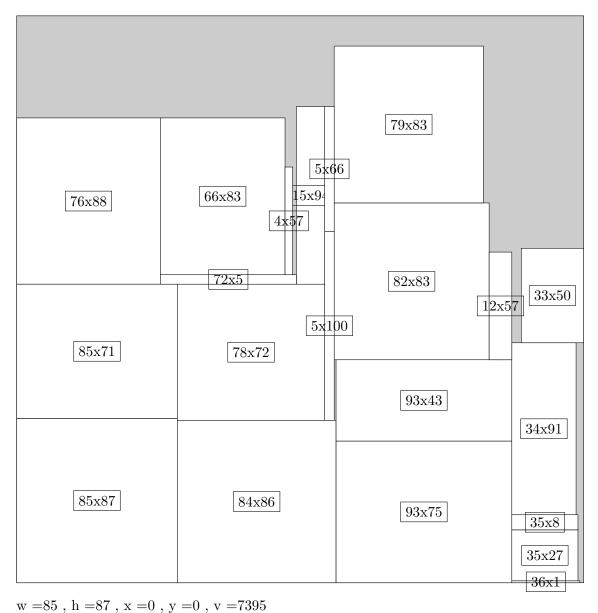
isOpt: $\underline{\mathbf{true}}$

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.040 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.092 \ s} \\ {\rm TotalTime:} \ \underline{0.208 \ s} \end{array}$



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\begin{array}{l} w=100\;,\; h=96\;,\; x=98\;,\; y=0\;,\; v=9600\\ w=94\;,\; h=83\;,\; x=198\;,\; y=0\;,\; v=7802\\ w=87\;,\; h=89\;,\; x=198\;,\; y=160\;,\; v=7743\\ w=85\;,\; h=91\;,\; x=0\;,\; y=164\;,\; v=7735\\ w=70\;,\; h=93\;,\; x=85\;,\; y=164\;,\; v=6510\\ w=98\;,\; h=64\;,\; x=0\;,\; y=100\;,\; v=6272\\ w=94\;,\; h=56\;,\; x=198\;,\; y=83\;,\; v=5264\\ w=80\;,\; h=63\;,\; x=98\;,\; y=101\;,\; v=5040\\ w=43\;,\; h=75\;,\; x=155\;,\; y=186\;,\; v=3225\\ w=57\;,\; h=43\;,\; x=98\;,\; y=257\;,\; v=2451\\ w=96\;,\; h=21\;,\; x=0\;,\; y=257\;,\; v=2016\\ w=94\;,\; h=21\;,\; x=198\;,\; y=139\;,\; v=1974\\ w=20\;,\; h=85\;,\; x=178\;,\; y=101\;,\; v=1700\\ w=78\;,\; h=21\;,\; x=0\;,\; y=278\;,\; v=1638\\ w=56\;,\; h=20\;,\; x=155\;,\; y=280\;,\; v=1120\\ \end{array}
```

 $\begin{array}{l} w=9\ ,\ h=91\ ,\ x=288\ ,\ y=160\ ,\ v=819\\ w=43\ ,\ h=19\ ,\ x=155\ ,\ y=261\ ,\ v=817\\ w=8\ ,\ h=89\ ,\ x=292\ ,\ y=0\ ,\ v=712\\ w=22\ ,\ h=31\ ,\ x=198\ ,\ y=249\ ,\ v=682\\ w=23\ ,\ h=22\ ,\ x=155\ ,\ y=164\ ,\ v=506\\ w=100\ ,\ h=5\ ,\ x=98\ ,\ y=96\ ,\ v=500\\ w=3\ ,\ h=98\ ,\ x=297\ ,\ y=113\ ,\ v=294\\ w=8\ ,\ h=24\ ,\ x=292\ ,\ y=89\ ,\ v=192\\ w=75\ ,\ h=2\ ,\ x=10\ ,\ y=255\ ,\ v=150\\ w=9\ ,\ h=6\ ,\ x=211\ ,\ y=280\ ,\ v=54\\ w=1\ ,\ h=43\ ,\ x=97\ ,\ y=257\ ,\ v=43\\ \end{array}$



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w =84 , h =86 , x =85 , y =0 , v =7224

w =93 , h =75 , x =169 , y =0 , v =6975

w =82 , h =83 , x =168 , y =118 , v =6806

w =76 , h =88 , x =0 , y =158 , v =6688

w =79 , h =83 , x =168 , y =201 , v =6557

w =85 , h =71 , x =0 , y =87 , v =6035

w =78 , h =72 , x =85 , y =86 , v =5616

w =66 , h =83 , x =76 , y =163 , v =5478

w =93 , h =43 , x =169 , y =75 , v =3999

w =34 , h =91 , x =262 , y =36 , v =3094

w =33 , h =50 , x =267 , y =127 , v =1650

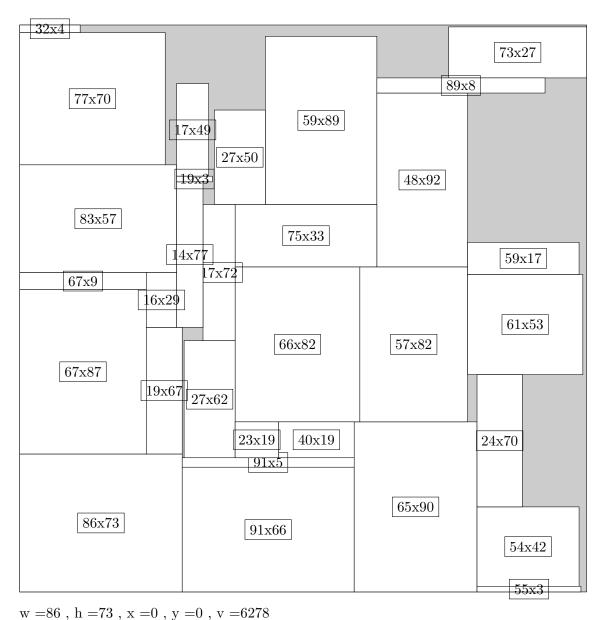
w =15 , h =94 , x =148 , y =158 , v =1410

w =35 , h =27 , x =262 , y =1 , v =945

w =12 , h =57 , x =250 , y =118 , v =684

w =5 , h =100 , x =163 , y =86 , v =500
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 $\begin{array}{l} w = & 72 \ , \ h = & 5 \ , \ x = & 76 \ , \ y = & 158 \ , \ v = & 360 \\ w = & 5 \ , \ h = & 66 \ , \ x = & 163 \ , \ y = & 186 \ , \ v = & 330 \\ w = & 35 \ , \ h = & 8 \ , \ x = & 262 \ , \ y = & 28 \ , \ v = & 280 \\ w = & 4 \ , \ h = & 57 \ , \ x = & 142 \ , \ y = & 163 \ , \ v = & 228 \\ w = & 36 \ , \ h = & 1 \ , \ x = & 262 \ , \ y = & 0 \ , \ v = & 36 \end{array}$



```
\begin{array}{l} w = 91 \;,\; h = 66 \;,\; x = 86 \;,\; y = 0 \;,\; v = 6006 \\ w = 65 \;,\; h = 90 \;,\; x = 177 \;,\; y = 0 \;,\; v = 5850 \\ w = 67 \;,\; h = 87 \;,\; x = 0 \;,\; y = 73 \;,\; v = 5829 \\ w = 66 \;,\; h = 82 \;,\; x = 114 \;,\; y = 90 \;,\; v = 5412 \\ w = 77 \;,\; h = 70 \;,\; x = 0 \;,\; y = 226 \;,\; v = 5390 \\ w = 59 \;,\; h = 89 \;,\; x = 130 \;,\; y = 205 \;,\; v = 5251 \\ w = 83 \;,\; h = 57 \;,\; x = 0 \;,\; y = 169 \;,\; v = 4731 \\ w = 57 \;,\; h = 82 \;,\; x = 180 \;,\; y = 90 \;,\; v = 4674 \\ w = 48 \;,\; h = 92 \;,\; x = 189 \;,\; y = 172 \;,\; v = 4416 \\ w = 61 \;,\; h = 53 \;,\; x = 237 \;,\; y = 115 \;,\; v = 3233 \\ w = 75 \;,\; h = 33 \;,\; x = 114 \;,\; y = 172 \;,\; v = 2475 \\ w = 54 \;,\; h = 42 \;,\; x = 242 \;,\; y = 3 \;,\; v = 2268 \\ w = 73 \;,\; h = 27 \;,\; x = 227 \;,\; y = 272 \;,\; v = 1971 \\ w = 24 \;,\; h = 70 \;,\; x = 242 \;,\; y = 45 \;,\; v = 1680 \\ \end{array}
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w = 27, h = 62, x = 87, y = 71, v = 1674
```

$$w = 27$$
, $h = 50$, $x = 103$, $y = 205$, $v = 1350$

$$w = 19$$
, $h = 67$, $x = 67$, $y = 73$, $v = 1273$

$$w$$
 =17 , h =72 , x =97 , y =133 , v =1224

$$w = 14$$
, $h = 77$, $x = 83$, $y = 140$, $v = 1078$

$$w = 59$$
, $h = 17$, $x = 237$, $y = 168$, $v = 1003$

$$w = 17$$
, $h = 49$, $x = 83$, $y = 220$, $v = 833$

$$\mathbf{w}$$
 =40 , h =19 , x =137 , y =71 , v =760

$$\le =89$$
 , h =8 , x =189 , y =264 , v =712

$$w = 67$$
, $h = 9$, $x = 0$, $y = 160$, $v = 603$

$$w = 91$$
, $h = 5$, $x = 86$, $y = 66$, $v = 455$

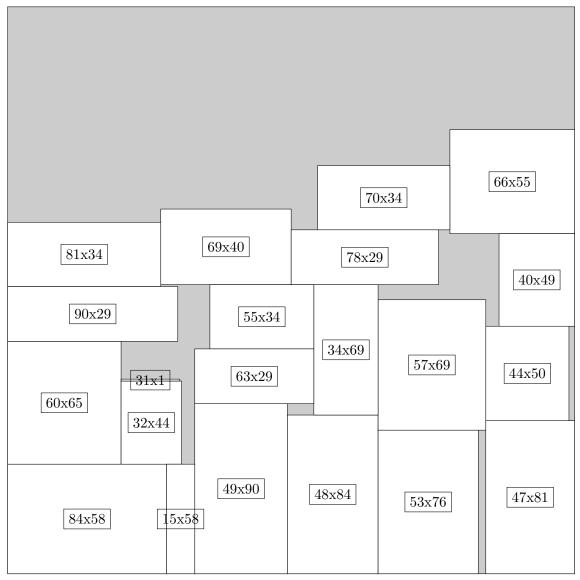
$$w = 23$$
, $h = 19$, $x = 114$, $y = 71$, $v = 437$

$$w = 16$$
, $h = 29$, $x = 67$, $y = 140$, $v = 464$

$$w=\!55$$
 , $h=\!3$, $x=\!242$, $y=\!0$, $v=\!165$

$$w = 32$$
, $h = 4$, $x = 0$, $y = 296$, $v = 128$

$$w$$
 =19 , h =3 , x =83 , y =217 , v =57



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w = 84, h = 58, x = 0, y = 0, v = 4872
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$$w = 49$$
, $h = 90$, $x = 99$, $y = 0$, $v = 4410$

$$w = 48$$
, $h = 84$, $x = 148$, $y = 0$, $v = 4032$

$$w = 53$$
, $h = 76$, $x = 196$, $y = 0$, $v = 4028$

$$w = 60$$
, $h = 65$, $x = 0$, $y = 58$, $v = 3900$

$$w = 47$$
, $h = 81$, $x = 253$, $y = 0$, $v = 3807$

$$w = 66$$
, $h = 55$, $x = 234$, $y = 180$, $v = 3630$

$$w = 69$$
, $h = 40$, $x = 81$, $y = 153$, $v = 2760$

$$w = 81$$
, $h = 34$, $x = 0$, $y = 152$, $v = 2754$

$$w = 90$$
, $h = 29$, $x = 0$, $y = 123$, $v = 2610$

$$w = 70$$
, $h = 34$, $x = 164$, $y = 182$, $v = 2380$

$$w = 34$$
, $h = 69$, $x = 162$, $y = 84$, $v = 2346$

$$w$$
 =78 , h =29 , x =150 , y =153 , v =2262

$$w = 44$$
, $h = 50$, $x = 253$, $y = 81$, $v = 2200$

$$w = 40$$
, $h = 49$, $x = 260$, $y = 131$, $v = 1960$

 $\le =55$, h =34 , x =107 , y =119 , v =1870

 $\le =63$, h =29 , x =99 , y =90 , v =1827

 $\le =32$, h =44 , x =60 , y =58 , v =1408

 $\le =15$, h =58 , x =84 , y =0 , v =870

 $\le =31$, h =1 , x =60 , y =102 , v =31