$ClassName: \ Class\_04.2bp-36$ 

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

TypeNum:  $\underline{79}$ Num:  $\underline{80}$ OutS:  $\underline{30000}$ InS:  $\underline{29037}$ Rate:  $\underline{0.968}$ 

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

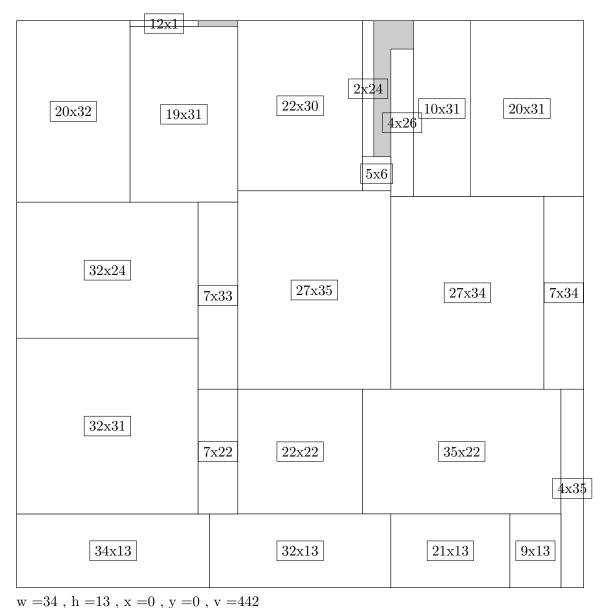
LBWithCut:  $\underline{\mathbf{3}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

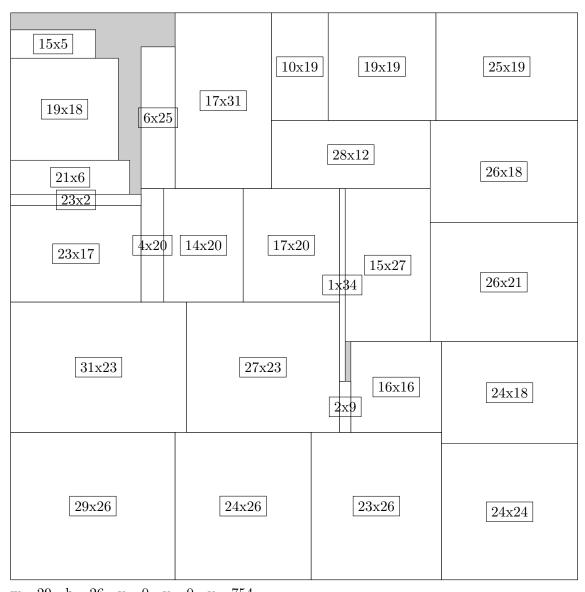
isOpt: **true** 

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.030 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.155 \ s} \end{array}$ 



$$\begin{array}{l} w = & 32 \; , \; h = & 31 \; , \; x = 0 \; , \; y = & 13 \; , \; v = & 992 \\ w = & 27 \; , \; h = & 35 \; , \; x = & 39 \; , \; y = & 35 \; , \; v = & 945 \\ w = & 27 \; , \; h = & 34 \; , \; x = & 66 \; , \; y = & 35 \; , \; v = & 918 \\ w = & 35 \; , \; h = & 22 \; , \; x = & 61 \; , \; y = & 13 \; , \; v = & 770 \\ w = & 32 \; , \; h = & 24 \; , \; x = & 0 \; , \; y = & 44 \; , \; v = & 768 \\ w = & 22 \; , \; h = & 30 \; , \; x = & 39 \; , \; y = & 70 \; , \; v = & 660 \\ w = & 20 \; , \; h = & 32 \; , \; x = & 0 \; , \; y = & 68 \; , \; v = & 640 \\ w = & 20 \; , \; h = & 31 \; , \; x = & 80 \; , \; y = & 69 \; , \; v = & 620 \\ w = & 19 \; , \; h = & 31 \; , \; x = & 20 \; , \; y = & 68 \; , \; v = & 589 \\ w = & 22 \; , \; h = & 22 \; , \; x = & 39 \; , \; y = & 13 \; , \; v = & 484 \\ w = & 32 \; , \; h = & 13 \; , \; x = & 34 \; , \; y = & 0 \; , \; v = & 2110 \\ w = & 21 \; , \; h = & 13 \; , \; x = & 66 \; , \; y = & 0 \; , \; v = & 273 \\ w = & 7 \; , \; h = & 34 \; , \; x = & 93 \; , \; y = & 35 \; , \; v = & 238 \\ w = & 7 \; , \; h = & 33 \; , \; x = & 32 \; , \; y = & 35 \; , \; v = & 231 \\ \end{array}$$

 $\begin{array}{l} w=7\ ,\ h=22\ ,\ x=32\ ,\ y=13\ ,\ v=154\\ w=4\ ,\ h=35\ ,\ x=96\ ,\ y=0\ ,\ v=140\\ w=9\ ,\ h=13\ ,\ x=87\ ,\ y=0\ ,\ v=117\\ w=4\ ,\ h=26\ ,\ x=66\ ,\ y=69\ ,\ v=104\\ w=2\ ,\ h=24\ ,\ x=61\ ,\ y=76\ ,\ v=48\\ w=5\ ,\ h=6\ ,\ x=61\ ,\ y=70\ ,\ v=30\\ w=12\ ,\ h=1\ ,\ x=20\ ,\ y=99\ ,\ v=12 \end{array}$ 



$$w = 29$$
,  $h = 26$ ,  $x = 0$ ,  $y = 0$ ,  $v = 754$   
 $w = 31$ ,  $h = 23$ ,  $x = 0$ ,  $y = 26$ ,  $v = 713$ 

$$w = 24$$
,  $h = 26$ ,  $x = 29$ ,  $y = 0$ ,  $v = 624$ 

$$w = 27$$
,  $h = 23$ ,  $x = 31$ ,  $y = 26$ ,  $v = 621$ 

$$\le =24$$
 ,  $h=24$  ,  $x=76$  ,  $y=0$  ,  $v=576$ 

$$w$$
 =26 , h =21 , x =74 , y =42 , v =546

$$w = 17$$
,  $h = 31$ ,  $x = 29$ ,  $y = 69$ ,  $v = 527$ 

$$w = 20$$
,  $h = 16$ ,  $x = 74$ ,  $y = 03$ ,  $v = 406$   
 $w = 24$ ,  $h = 18$ ,  $x = 76$ ,  $y = 24$ ,  $v = 432$ 

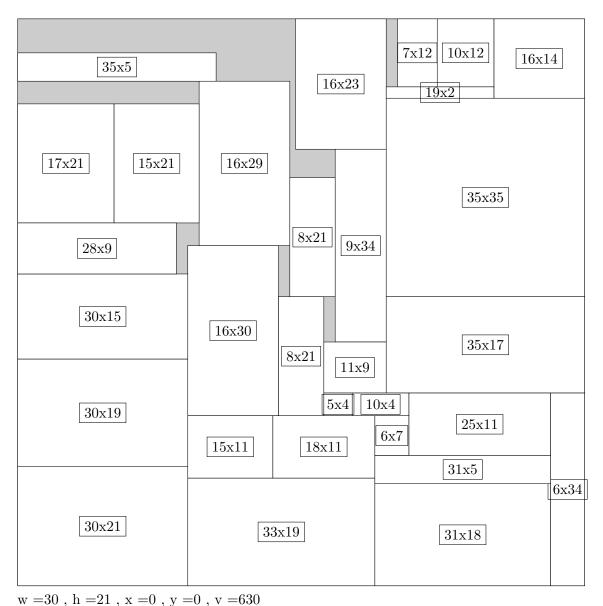
$$w = 13$$
,  $h = 27$ ,  $x = 39$ ,  $y = 42$ ,  $v = 40$   
 $w = 23$ ,  $h = 17$ ,  $x = 0$ ,  $y = 49$ ,  $v = 391$ 

$$\le =19$$
 , h =19 , x =56 , y =81 , v =361

$$w = 19$$
,  $h = 18$ ,  $x = 0$ ,  $y = 74$ ,  $v = 342$ 

$$w = 17$$
,  $h = 20$ ,  $x = 41$ ,  $y = 49$ ,  $v = 340$ 

 $\begin{array}{l} w=28\;,\; h=12\;,\; x=46\;,\; y=69\;,\; v=336\\ w=14\;,\; h=20\;,\; x=27\;,\; y=49\;,\; v=280\\ w=16\;,\; h=16\;,\; x=60\;,\; y=26\;,\; v=256\\ w=10\;,\; h=19\;,\; x=46\;,\; y=81\;,\; v=190\\ w=6\;,\; h=25\;,\; x=23\;,\; y=69\;,\; v=150\\ w=21\;,\; h=6\;,\; x=0\;,\; y=68\;,\; v=126\\ w=4\;,\; h=20\;,\; x=23\;,\; y=49\;,\; v=80\\ w=15\;,\; h=5\;,\; x=0\;,\; y=92\;,\; v=75\\ w=23\;,\; h=2\;,\; x=0\;,\; y=66\;,\; v=46\\ w=1\;,\; h=34\;,\; x=58\;,\; y=35\;,\; v=34\\ w=2\;,\; h=9\;,\; x=58\;,\; y=26\;,\; v=18\\ \end{array}$ 



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w = 33 , h = 19 , x = 30 , y = 0 , v = 627

w = 35 , h = 17 , x = 65 , y = 34 , v = 595

w = 30 , h = 19 , x = 0 , y = 21 , v = 570

w = 31 , h = 18 , x = 63 , y = 0 , v = 558

w = 16 , h = 30 , x = 30 , y = 30 , v = 480

w = 16 , h = 29 , x = 32 , y = 60 , v = 464

w = 30 , h = 15 , x = 0 , y = 40 , v = 450

w = 35 , h = 35 , x = 65 , y = 51 , v = 1225

w = 16 , h = 23 , x = 49 , y = 77 , v = 368

w = 17 , h = 21 , x = 0 , y = 64 , v = 357

w = 15 , h = 21 , x = 17 , y = 64 , v = 315

w = 9 , h = 34 , x = 56 , y = 43 , v = 306

w = 25 , h = 11 , x = 69 , y = 23 , v = 275

w = 28 , h = 9 , x = 0 , y = 55 , v = 252

w = 16 , h = 14 , x = 84 , y = 86 , v = 224
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 $\begin{array}{l} w=6\;,\; h=34\;,\; x=94\;,\; y=0\;,\; v=204\\ w=18\;,\; h=11\;,\; x=45\;,\; y=19\;,\; v=198\\ w=35\;,\; h=5\;,\; x=0\;,\; y=89\;,\; v=175\\ w=8\;,\; h=21\;,\; x=46\;,\; y=30\;,\; v=168\\ w=8\;,\; h=21\;,\; x=48\;,\; y=51\;,\; v=168\\ w=15\;,\; h=11\;,\; x=30\;,\; y=19\;,\; v=165\\ w=31\;,\; h=5\;,\; x=63\;,\; y=18\;,\; v=155\\ w=10\;,\; h=12\;,\; x=74\;,\; y=88\;,\; v=120\\ w=11\;,\; h=9\;,\; x=54\;,\; y=34\;,\; v=99\\ w=7\;,\; h=12\;,\; x=67\;,\; y=88\;,\; v=84\\ w=6\;,\; h=7\;,\; x=63\;,\; y=23\;,\; v=42\\ w=10\;,\; h=4\;,\; x=59\;,\; y=30\;,\; v=40\\ w=19\;,\; h=2\;,\; x=65\;,\; y=86\;,\; v=38\\ w=5\;,\; h=4\;,\; x=54\;,\; y=30\;,\; v=20\\ \end{array}$