$ClassName: \ Class_04.2bp-21$

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

TypeNum: <u>58</u> Num: <u>60</u> OutS: <u>20000</u> InS: <u>18220</u> Rate: <u>0.911</u>

UB: <u>2</u> LB0: <u>2</u> LB: <u>2</u>

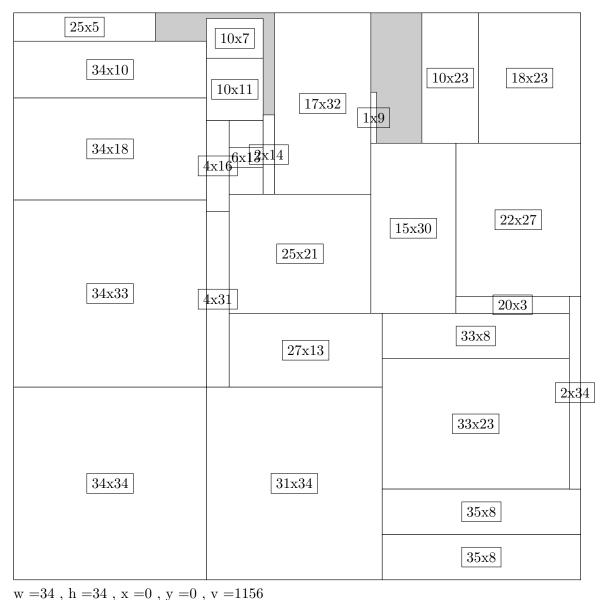
LBWithCut: $\underline{\mathbf{2}}$ NodeCut: $\underline{\mathbf{0}}$

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

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.000 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.141 \ s} \\ \end{array}$



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w =34, h =33, x =0, y =34, v =1122

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

w =33, h =23, x =65, y =16, v =759

w =34, h =18, x =0, y =67, v =612

w =22, h =27, x =78, y =50, v =594

w =17, h =32, x =46, y =68, v =544

w =25, h =21, x =38, y =47, v =525

w =15, h =30, x =63, y =47, v =450

w =18, h =23, x =82, y =77, v =414

w =27, h =13, x =38, y =34, v =351

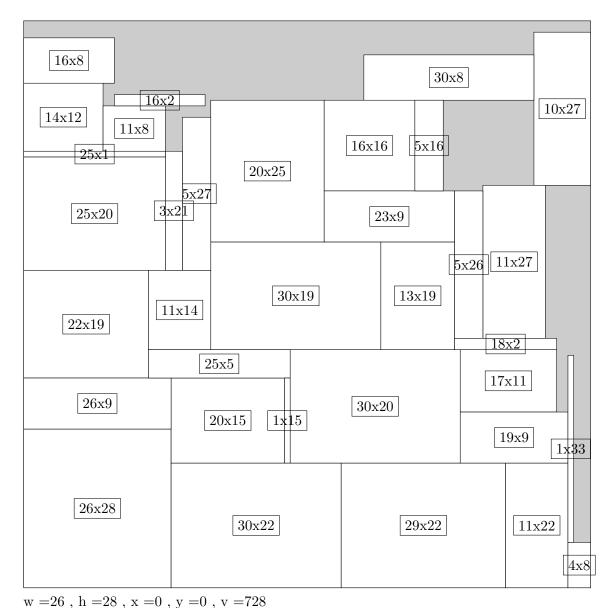
w =34, h =10, x =0, y =85, v =340

w =35, h =8, x =65, y =0, v =280

w =35, h =8, x =65, y =39, v =264

w =10, h =23, x =72, y =77, v =230
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 $\begin{array}{l} w=20\;,\; h=3\;,\; x=78\;,\; y=47\;,\; v=60\\ w=25\;,\; h=5\;,\; x=0\;,\; y=95\;,\; v=125\\ w=4\;,\; h=31\;,\; x=34\;,\; y=34\;,\; v=124\\ w=10\;,\; h=11\;,\; x=34\;,\; y=81\;,\; v=110\\ w=6\;,\; h=13\;,\; x=38\;,\; y=68\;,\; v=78\\ w=10\;,\; h=7\;,\; x=34\;,\; y=92\;,\; v=70\\ w=2\;,\; h=34\;,\; x=98\;,\; y=16\;,\; v=68\\ w=4\;,\; h=16\;,\; x=34\;,\; y=65\;,\; v=64\\ w=2\;,\; h=14\;,\; x=44\;,\; y=68\;,\; v=28\\ w=1\;,\; h=9\;,\; x=63\;,\; y=77\;,\; v=9\\ \end{array}$



$$\begin{array}{l} w = & 30 \; , \; h = & 22 \; , \; x = & 26 \; , \; y = & 0 \; , \; v = & 660 \\ w = & 29 \; , \; h = & 22 \; , \; x = & 56 \; , \; y = & 0 \; , \; v = & 638 \\ w = & 30 \; , \; h = & 20 \; , \; x = & 47 \; , \; y = & 22 \; , \; v = & 600 \\ w = & 30 \; , \; h = & 19 \; , \; x = & 33 \; , \; y = & 42 \; , \; v = & 570 \\ w = & 25 \; , \; h = & 20 \; , \; x = & 0 \; , \; y = & 56 \; , \; v = & 500 \\ w = & 20 \; , \; h = & 25 \; , \; x = & 33 \; , \; y = & 61 \; , \; v = & 500 \\ w = & 22 \; , \; h = & 19 \; , \; x = & 0 \; , \; y = & 37 \; , \; v = & 418 \\ w = & 20 \; , \; h = & 15 \; , \; x = & 26 \; , \; y = & 22 \; , \; v = & 300 \\ w = & 11 \; , \; h = & 27 \; , \; x = & 81 \; , \; y = & 44 \; , \; v = & 297 \\ w = & 10 \; , \; h = & 27 \; , \; x = & 90 \; , \; y = & 71 \; , \; v = & 270 \\ w = & 10 \; , \; h = & 16 \; , \; x = & 53 \; , \; y = & 70 \; , \; v = & 256 \\ w = & 13 \; , \; h = & 19 \; , \; x = & 63 \; , \; y = & 42 \; , \; v = & 247 \\ w = & 11 \; , \; h = & 22 \; , \; x = & 85 \; , \; y = & 0 \; , \; v = & 242 \\ w = & 30 \; , \; h = & 8 \; , \; x = & 60 \; , \; y = & 86 \; , \; v = & 240 \\ w = & 26 \; , \; h = & 9 \; , \; x = & 0 \; , \; y = & 28 \; , \; v = & 234 \\ \end{array}$$

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w = 23, h = 9, x = 53, y = 61, v = 207
w = 17, h = 11, x = 77, y = 31, v = 187
\le =14 , h =12 , x =0 , y =77 , v =168
w = 11, h = 14, x = 22, y = 42, v = 154
w = 5, h = 27, x = 28, y = 56, v = 135
w =5 , h =26 , x =76 , y =44 , v =130
w = 16, h = 8, x = 0, y = 89, v = 128
\le =25 , h=5 , x=22 , y=37 , v=125
w = 11, h = 8, x = 14, y = 77, v = 88
w =5 , h =16 , x =69 , y =70 , v =80
w = 3, h = 21, x = 25, y = 56, v = 63
w = 19, h = 9, x = 77, y = 22, v = 171
w = 18, h = 2, x = 76, y = 42, v = 36
w = 1, h = 33, x = 96, y = 8, v = 33
w = 16, h = 2, x = 16, y = 85, v = 32
w = 4, h = 8, x = 96, y = 0, v = 32
w = 25, h = 1, x = 0, y = 76, v = 25
w = 1, h = 15, x = 46, y = 22, v = 15
```