$ClassName: \ Class_03.2bp-11$

BinSize: $\underline{40 \times 40}$ ReduceSize: $\underline{40 \times 40}$

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>12800</u> InS: <u>11400</u> Rate: <u>0.891</u>

UB: <u>8</u> LB0: <u>8</u> LB: 8

LBWithCut: $\underline{\mathbf{8}}$ NodeCut: $\underline{\mathbf{0}}$

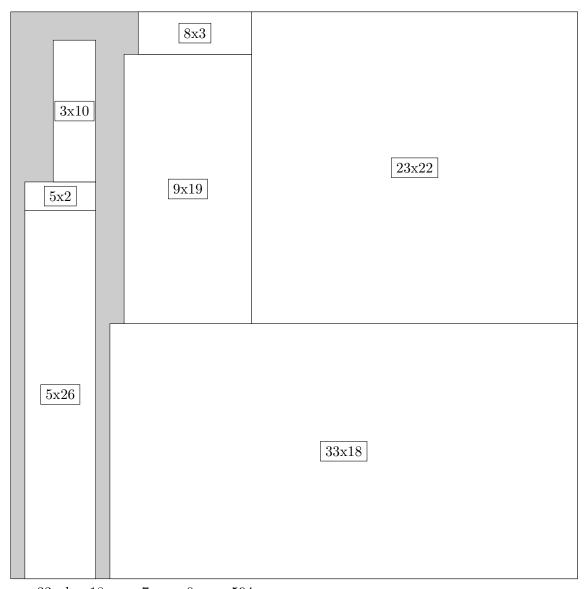
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{8}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

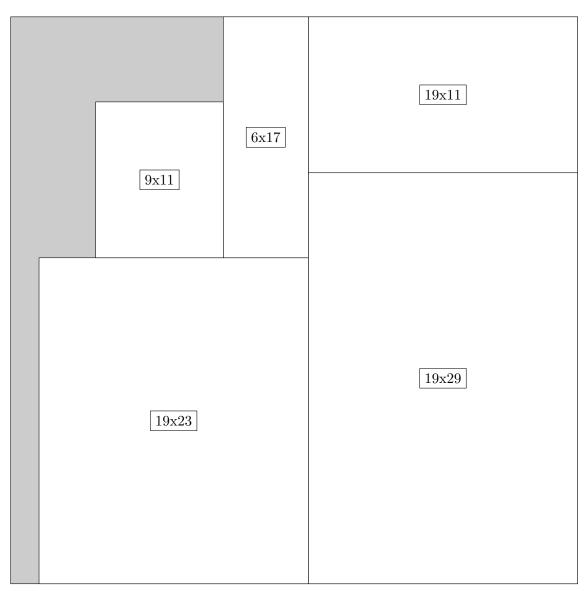
isOpt: $\underline{\mathbf{true}}$

TimeOnInitSolution: $\underline{600.000 \text{ s}}$

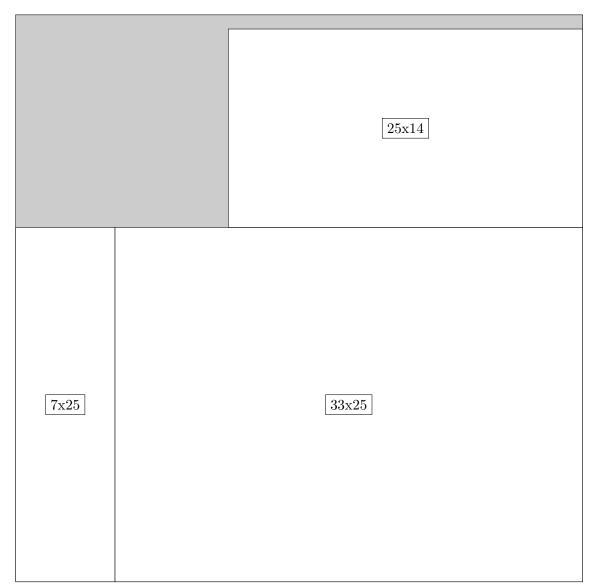
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 600.375 s



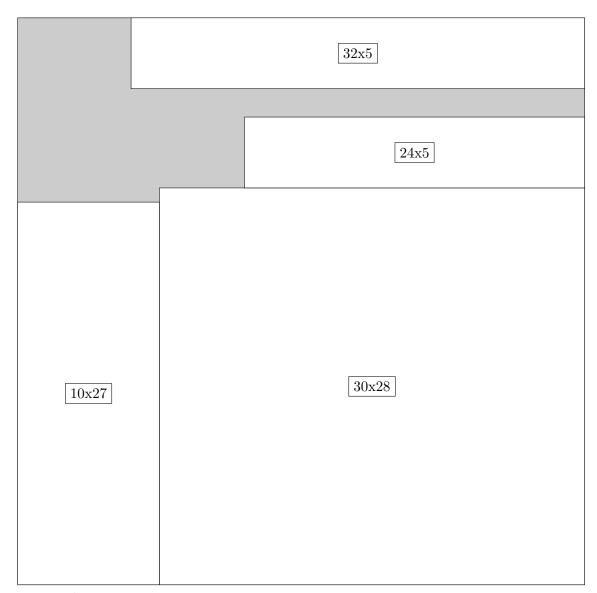
 $\begin{array}{l} w = \! 33 \; , \; h = \! 18 \; , \; x = \! 7 \; , \; y = \! 0 \; , \; v = \! 594 \\ w = \! 23 \; , \; h = \! 22 \; , \; x = \! 17 \; , \; y = \! 18 \; , \; v = \! 506 \\ w = \! 9 \; , \; h = \! 19 \; , \; x = \! 8 \; , \; y = \! 18 \; , \; v = \! 171 \\ w = \! 8 \; , \; h = \! 3 \; , \; x = \! 9 \; , \; y = \! 37 \; , \; v = \! 24 \\ w = \! 5 \; , \; h = \! 26 \; , \; x = \! 1 \; , \; y = \! 0 \; , \; v = \! 130 \\ w = \! 5 \; , \; h = \! 2 \; , \; x = \! 1 \; , \; y = \! 26 \; , \; v = \! 10 \\ w = \! 3 \; , \; h = \! 10 \; , \; x = \! 3 \; , \; y = \! 28 \; , \; v = \! 30 \\ \end{array}$



$$\begin{array}{l} w = 19 \ , \ h = 29 \ , \ x = 21 \ , \ y = 0 \ , \ v = 551 \\ w = 19 \ , \ h = 11 \ , \ x = 21 \ , \ y = 29 \ , \ v = 209 \\ w = 19 \ , \ h = 23 \ , \ x = 2 \ , \ y = 0 \ , \ v = 437 \\ w = 6 \ , \ h = 17 \ , \ x = 15 \ , \ y = 23 \ , \ v = 102 \\ w = 9 \ , \ h = 11 \ , \ x = 6 \ , \ y = 23 \ , \ v = 99 \end{array}$$



 $\begin{array}{l} w = \! 33 \ , \ h = \! 25 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 825 \\ w = \! 25 \ , \ h = \! 14 \ , \ x = \! 15 \ , \ y = \! 25 \ , \ v = \! 350 \\ w = \! 7 \ , \ h = \! 25 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 175 \end{array}$

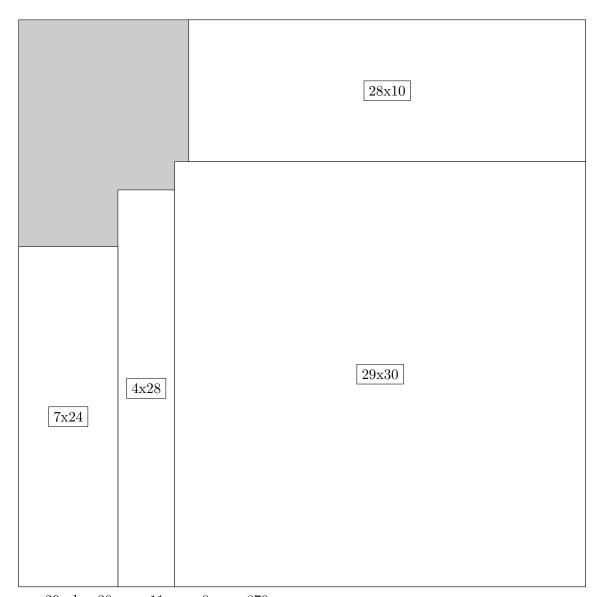


$$\le =30$$
 , h =28 , x =10 , y =0 , v =840

$$w$$
 =24 , h =5 , x =16 , y =28 , v =120

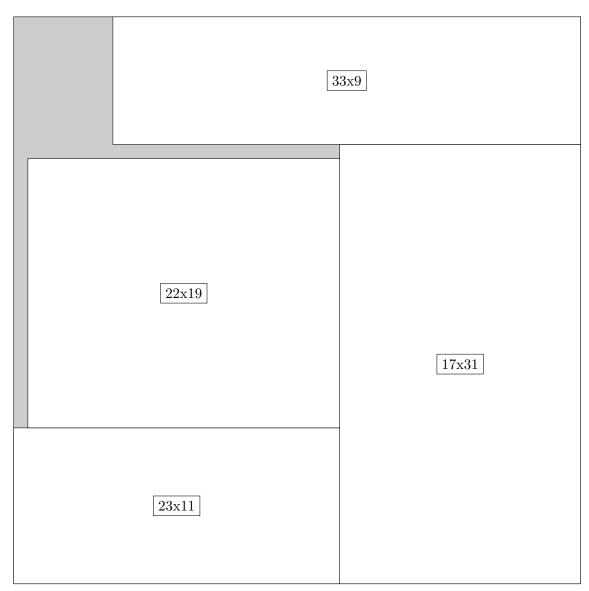
$$\mathbf{w}$$
 =10 , h =27 , x =0 , y =0 , v =270

$$\le =32$$
 , h =5 , x =8 , y =35 , v =160



 $\begin{array}{l} w = 29 \ , \ h = 30 \ , \ x = 11 \ , \ y = 0 \ , \ v = 870 \\ w = 4 \ , \ h = 28 \ , \ x = 7 \ , \ y = 0 \ , \ v = 112 \\ w = 7 \ , \ h = 24 \ , \ x = 0 \ , \ y = 0 \ , \ v = 168 \end{array}$

w =28 , h =10 , x =12 , y =30 , v =280

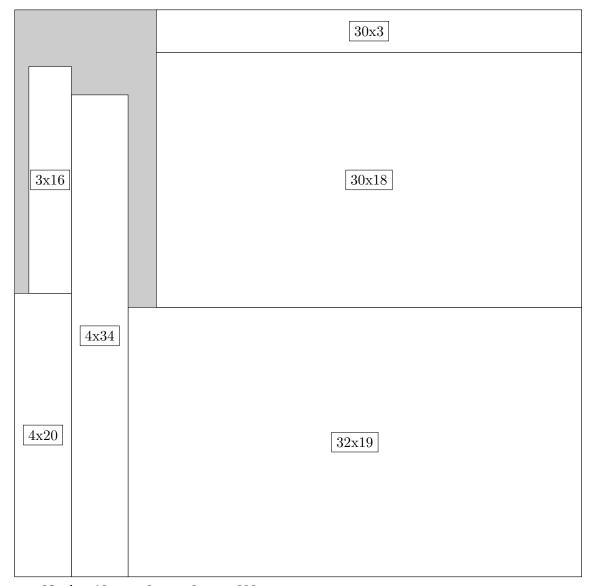


$$w$$
 =17 , h =31 , x =23 , y =0 , v =527

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

$$\le =22$$
 , h =19 , x =1 , y =11 , v =418

$$w = 33$$
, $h = 9$, $x = 7$, $y = 31$, $v = 297$



 $\le =32$, $\ge =19$, $\ge =8$, $\ge =0$, $\ge =608$

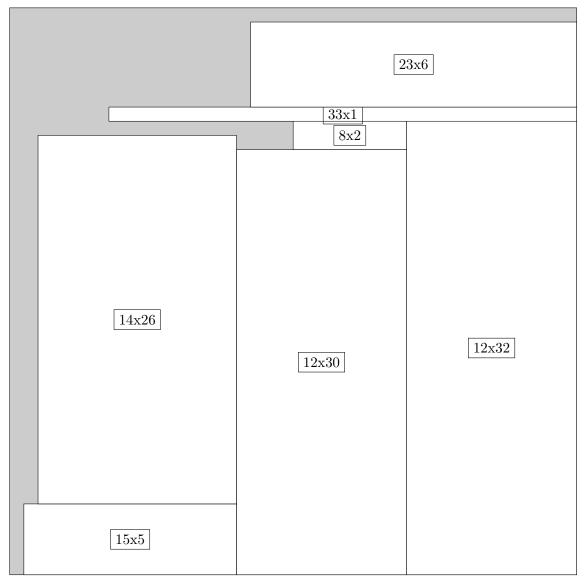
 $\le =30$, h =18 , x =10 , y =19 , v =540

 $\le =30$, h =3 , x =10 , y =37 , v =90

 \mathbf{w} =4 , h =34 , x =4 , y =0 , v =136

 \mathbf{w} =4 , h =20 , x =0 , y =0 , v =80

 \mathbf{w} =3 , h =16 , x =1 , y =20 , v =48



$$\begin{array}{l} w=12\;,\; h=32\;,\; x=28\;,\; y=0\;,\; v=384\\ w=12\;,\; h=30\;,\; x=16\;,\; y=0\;,\; v=360\\ w=8\;,\; h=2\;,\; x=20\;,\; y=30\;,\; v=16\\ w=15\;,\; h=5\;,\; x=1\;,\; y=0\;,\; v=75\\ w=14\;,\; h=26\;,\; x=2\;,\; y=5\;,\; v=364\\ w=33\;,\; h=1\;,\; x=7\;,\; y=32\;,\; v=33\\ w=23\;,\; h=6\;,\; x=17\;,\; y=33\;,\; v=138 \end{array}$$