$ClassName: \ Class_03.2bp-11$

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

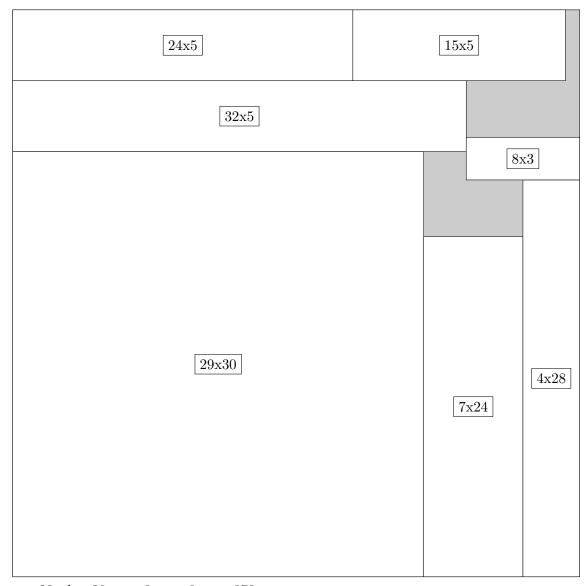
LBWithCut: $\underline{\mathbf{8}}$ NodeCut: $\underline{\mathbf{0}}$

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

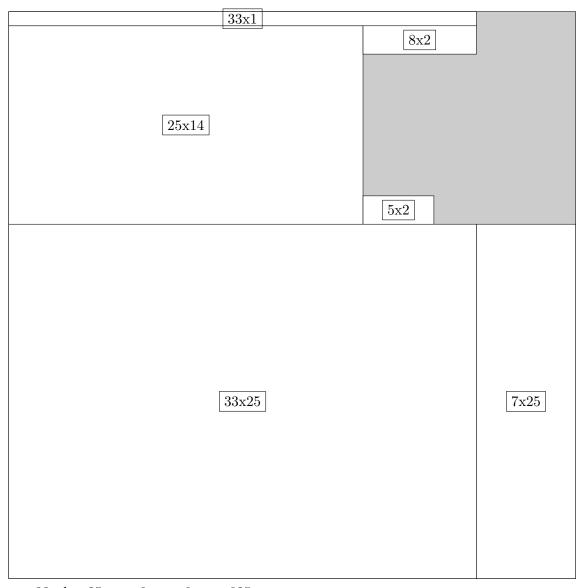
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{8}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

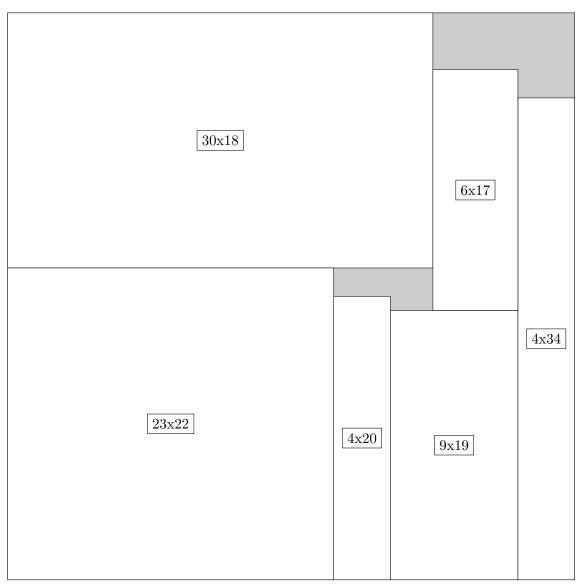
TimeOnInitSolution: 3.670 sTimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 3.795 s



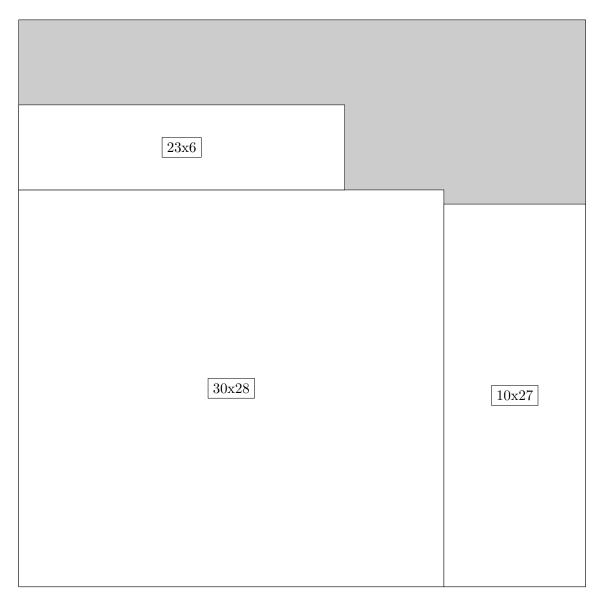
$$\begin{array}{l} w=29 \ , \ h=30 \ , \ x=0 \ , \ y=0 \ , \ v=870 \\ w=7 \ , \ h=24 \ , \ x=29 \ , \ y=0 \ , \ v=168 \\ w=32 \ , \ h=5 \ , \ x=0 \ , \ y=30 \ , \ v=160 \\ w=24 \ , \ h=5 \ , \ x=0 \ , \ y=35 \ , \ v=120 \\ w=4 \ , \ h=28 \ , \ x=36 \ , \ y=0 \ , \ v=112 \\ w=15 \ , \ h=5 \ , \ x=24 \ , \ y=35 \ , \ v=75 \\ w=8 \ , \ h=3 \ , \ x=32 \ , \ y=28 \ , \ v=24 \end{array}$$



$$\begin{array}{l} w = 33 \; , \; h = 25 \; , \; x = 0 \; , \; y = 0 \; , \; v = 825 \\ w = 25 \; , \; h = 14 \; , \; x = 0 \; , \; y = 25 \; , \; v = 350 \\ w = 7 \; , \; h = 25 \; , \; x = 33 \; , \; y = 0 \; , \; v = 175 \\ w = 33 \; , \; h = 1 \; , \; x = 0 \; , \; y = 39 \; , \; v = 33 \\ w = 8 \; , \; h = 2 \; , \; x = 25 \; , \; y = 37 \; , \; v = 16 \\ w = 5 \; , \; h = 2 \; , \; x = 25 \; , \; y = 25 \; , \; v = 10 \end{array}$$

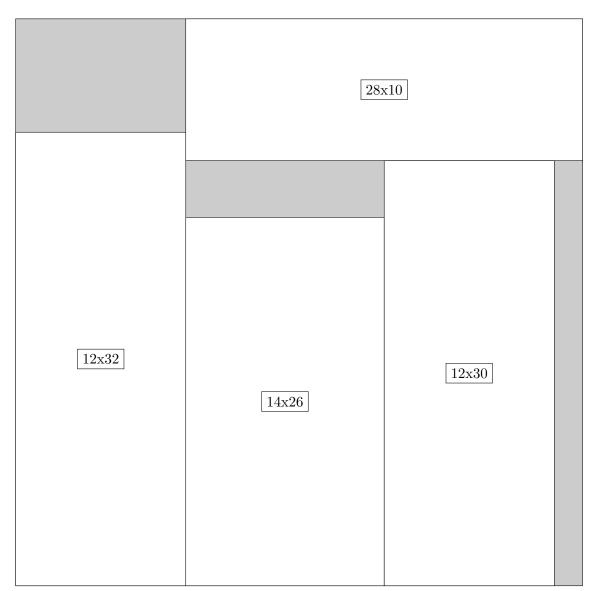


 $\begin{array}{l} w=4\ ,\, h=20\ ,\, x=23\ ,\, y=0\ ,\, v=80\\ w=30\ ,\, h=18\ ,\, x=0\ ,\, y=22\ ,\, v=540\\ w=9\ ,\, h=19\ ,\, x=27\ ,\, y=0\ ,\, v=171\\ w=4\ ,\, h=34\ ,\, x=36\ ,\, y=0\ ,\, v=136\\ w=6\ ,\, h=17\ ,\, x=30\ ,\, y=19\ ,\, v=102\\ w=23\ ,\, h=22\ ,\, x=0\ ,\, y=0\ ,\, v=506 \end{array}$



$$\begin{array}{l} w = \! 30 \ , \ h = \! 28 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 840 \\ w = \! 10 \ , \ h = \! 27 \ , \ x = \! 30 \ , \ y = \! 0 \ , \ v = \! 270 \end{array}$$

$$\le =23$$
 , h =6 , x =0 , y =28 , v =138

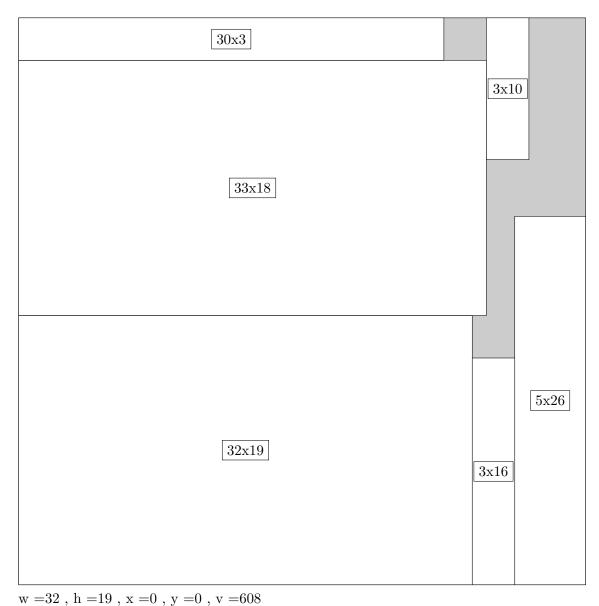


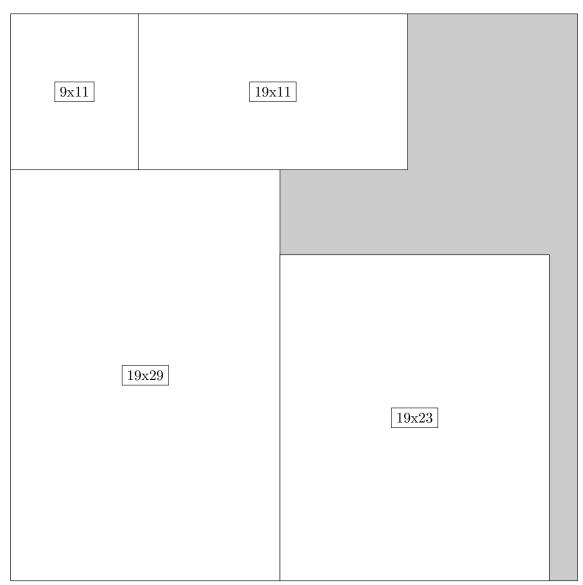
$$\le =12$$
 , h =32 , x =0 , y =0 , v =384

$$\le =14$$
 , h =26 , x =12 , y =0 , v =364

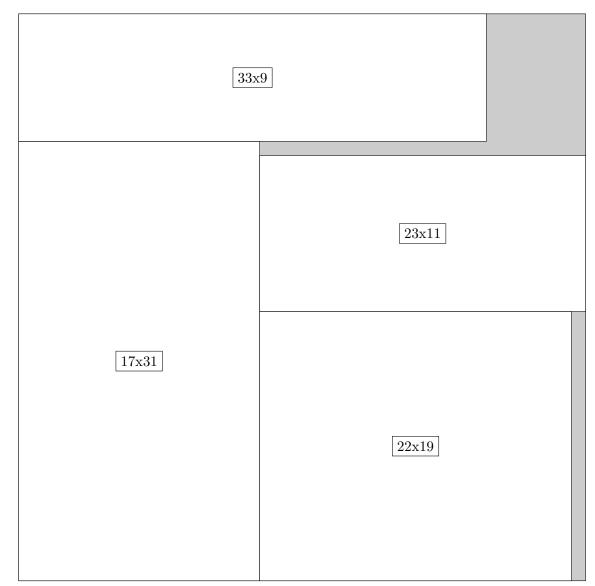
$$\le =12$$
 , h =30 , x =26 , y =0 , v =360

$$\le =28$$
 , h =10 , x =12 , y =30 , v =280





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



$$\le =17$$
 , h =31 , x =0 , y =0 , v =527

$$\le =22$$
 , h =19 , x =17 , y =0 , v =418

$$\mathbf{w}=\!\!3\mathbf{3}$$
 , $\mathbf{h}=\!\!9$, $\mathbf{x}=\!\!0$, $\mathbf{y}=\!\!3\mathbf{1}$, $\mathbf{v}=\!\!297$

$$\le =23$$
 , h =11 , x =17 , y =19 , v =253