$ClassName: \ Class_03.2bp\text{-}14$

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

TypeNum: <u>38</u> Num: <u>40</u> OutS: <u>19200</u> InS: <u>15102</u> Rate: <u>0.787</u> UB: <u>12</u> LB0: <u>12</u>

LBWithCut: $\underline{\mathbf{12}}$ NodeCut: $\underline{\mathbf{0}}$

LB: **12**

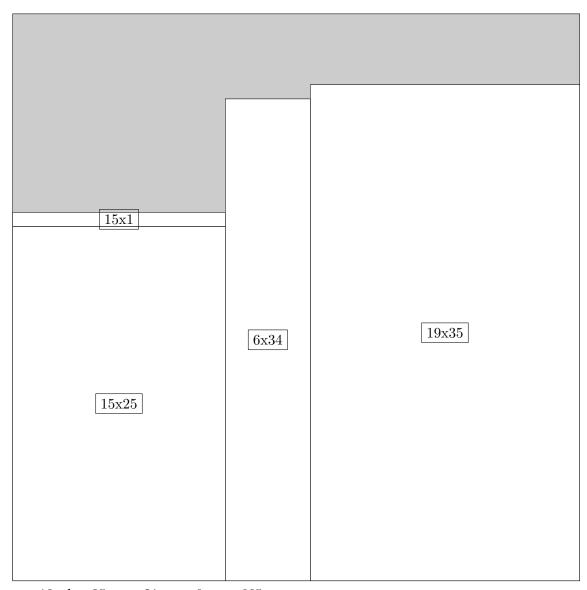
 $\operatorname{ExtendedNodeCnt}$: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{12}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

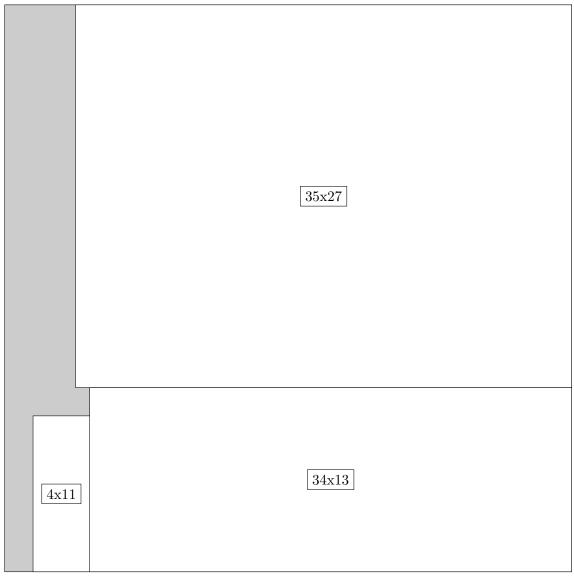
isOpt: $\underline{\mathbf{true}}$

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

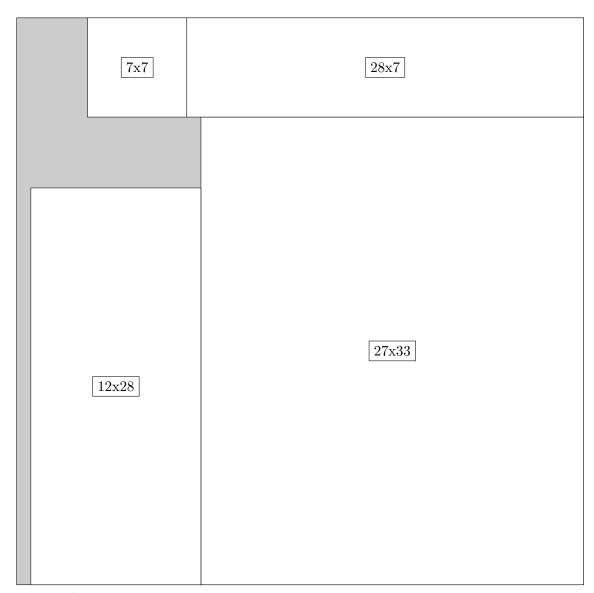
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 600.328 s



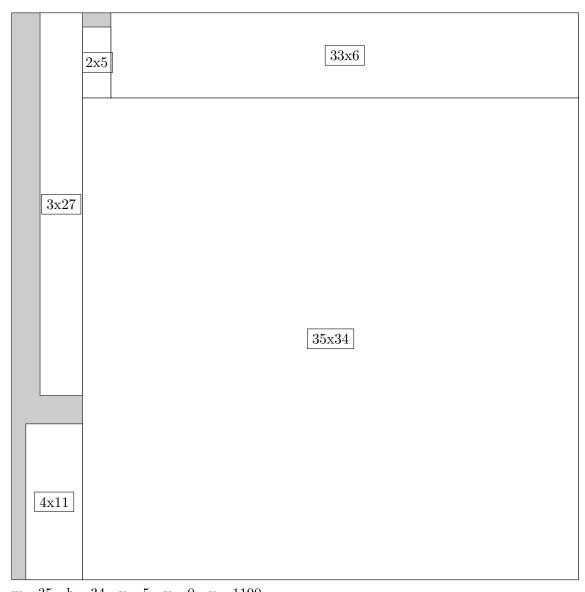
 $\begin{array}{l} w = & 19 \ , \ h = & 35 \ , \ x = & 21 \ , \ y = & 0 \ , \ v = & 665 \\ w = & 6 \ , \ h = & 34 \ , \ x = & 15 \ , \ y = & 0 \ , \ v = & 204 \\ w = & 15 \ , \ h = & 25 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 375 \\ w = & 15 \ , \ h = & 1 \ , \ x = & 0 \ , \ y = & 25 \ , \ v = & 15 \end{array}$



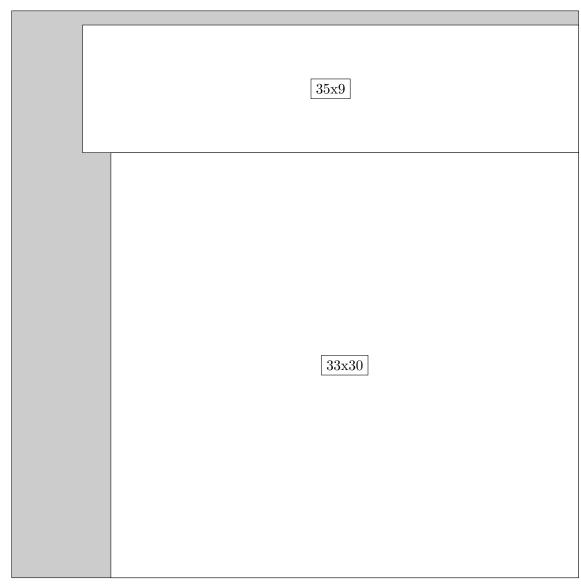
 $\begin{array}{l} w = \! 34 \; , \; h = \! 13 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 442 \\ w = \! 4 \; , \; h = \! 11 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 44 \\ w = \! 35 \; , \; h = \! 27 \; , \; x = \! 5 \; , \; y = \! 13 \; , \; v = \! 945 \end{array}$



 $\begin{array}{l} w=27 \ , \ h=33 \ , \ x=13 \ , \ y=0 \ , \ v=891 \\ w=12 \ , \ h=28 \ , \ x=1 \ , \ y=0 \ , \ v=336 \\ w=28 \ , \ h=7 \ , \ x=12 \ , \ y=33 \ , \ v=196 \\ w=7 \ , \ h=7 \ , \ x=5 \ , \ y=33 \ , \ v=49 \end{array}$



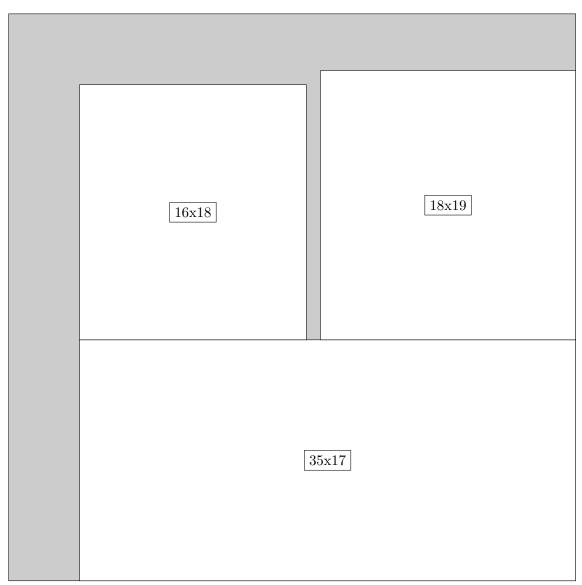
 $\begin{array}{l} w = & 35 \;,\; h = & 34 \;,\; x = & 5 \;,\; y = & 0 \;,\; v = & 1190 \\ w = & 33 \;,\; h = & 6 \;,\; x = & 7 \;,\; y = & 34 \;,\; v = & 198 \\ w = & 2 \;,\; h = & 5 \;,\; x = & 5 \;,\; y = & 34 \;,\; v = & 10 \\ w = & 4 \;,\; h = & 11 \;,\; x = & 1 \;,\; y = & 0 \;,\; v = & 44 \\ w = & 3 \;,\; h = & 27 \;,\; x = & 2 \;,\; y = & 13 \;,\; v = & 81 \end{array}$



$$\begin{array}{c} w = \! 33 \ , \ h = \! 30 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 990 \\ w = \! 35 \ , \ h = \! 9 \ , \ x = \! 5 \ , \ y = \! 30 \ , \ v = \! 315 \end{array}$$



$$\begin{array}{l} w = 26 \ , \ h = 26 \ , \ x = 14 \ , \ y = 0 \ , \ v = 676 \\ w = 26 \ , \ h = 9 \ , \ x = 14 \ , \ y = 26 \ , \ v = 234 \end{array}$$



$$\le 35$$
 , h =17 , x =5 , y =0 , v =595

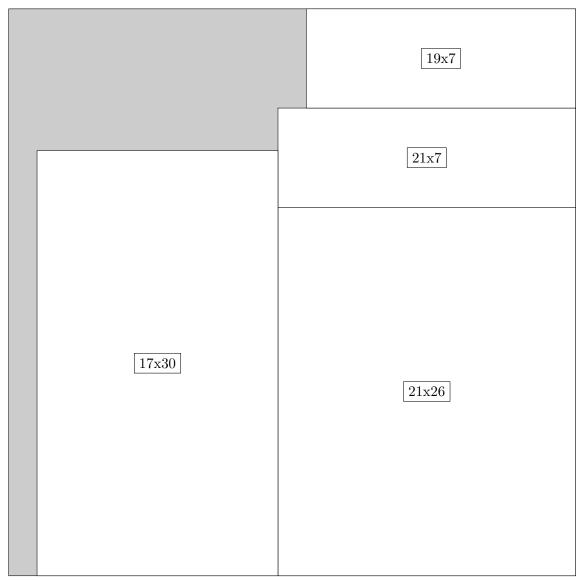
$$w$$
 =18 , h =19 , x =22 , y =17 , v =342

$$\le =16$$
 , h =18 , x =5 , y =17 , v =288

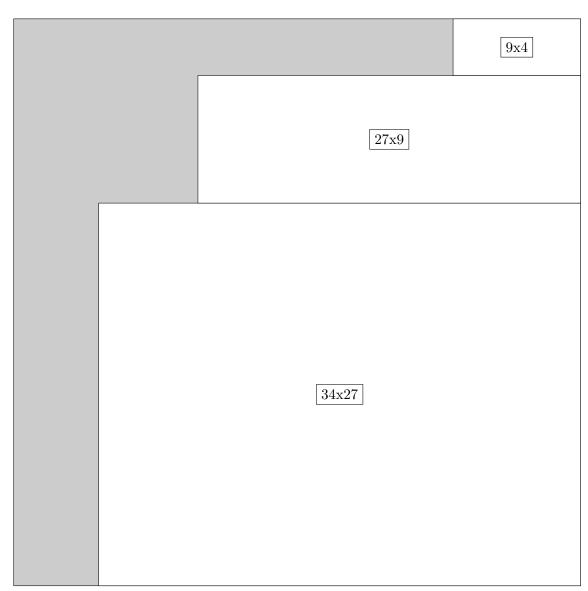


$$w = 9$$
 , $h = 21$, $x = 1$, $y = 0$, $v = 189$

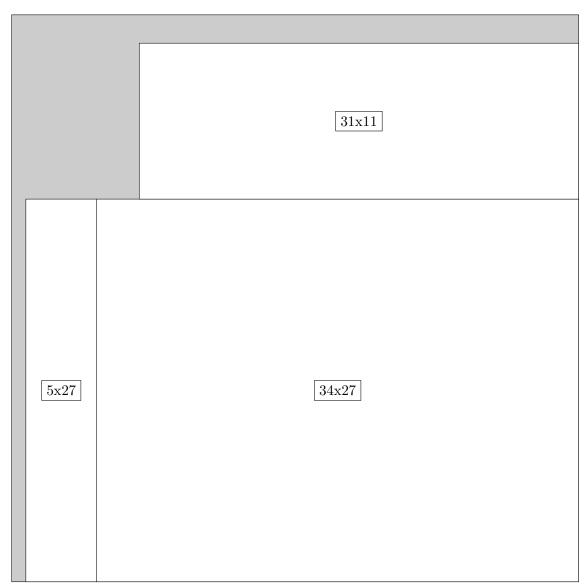
$$\le =24$$
 , $h=15$, $x=16$, $y=24$, $v=360$



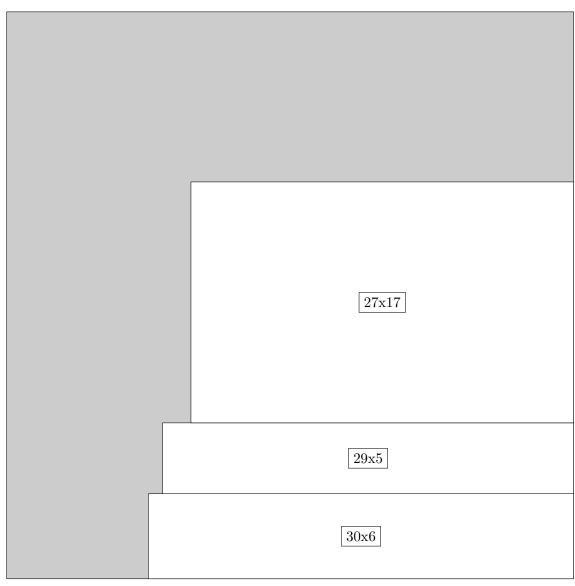
$$\begin{array}{l} w=21 \ , \ h=26 \ , \ x=19 \ , \ y=0 \ , \ v=546 \\ w=21 \ , \ h=7 \ , \ x=19 \ , \ y=26 \ , \ v=147 \\ w=19 \ , \ h=7 \ , \ x=21 \ , \ y=33 \ , \ v=133 \\ w=17 \ , \ h=30 \ , \ x=2 \ , \ y=0 \ , \ v=510 \end{array}$$



$$\begin{array}{l} w = \! 34 \; , \; h = \! 27 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 918 \\ w = \! 27 \; , \; h = \! 9 \; , \; x = \! 13 \; , \; y = \! 27 \; , \; v = \! 243 \\ w = \! 9 \; , \; h = \! 4 \; , \; x = \! 31 \; , \; y = \! 36 \; , \; v = \! 36 \end{array}$$



 $\begin{array}{l} w = \! 34 \; , \; h = \! 27 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 918 \\ w = \! 5 \; , \; h = \! 27 \; , \; x = \! 1 \; , \; y = \! 0 \; , \; v = \! 135 \\ w = \! 31 \; , \; h = \! 11 \; , \; x = \! 9 \; , \; y = \! 27 \; , \; v = \! 341 \end{array}$



$$\mathbf{w}$$
 =30 , h =6 , x =10 , y =0 , v =180

$$\le =29$$
 , h =5 , x =11 , y =6 , v =145

$$\le =27$$
 , h =17 , x =13 , y =11 , v =459