$ClassName: \ Class_03.2bp-19$

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

TypeNum: $\underline{38}$ Num: $\underline{40}$ OutS: $\underline{12800}$ InS: $\underline{10766}$ Rate: $\underline{0.841}$

UB: <u>8</u>
LB0: <u>7</u>
LB: 8

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

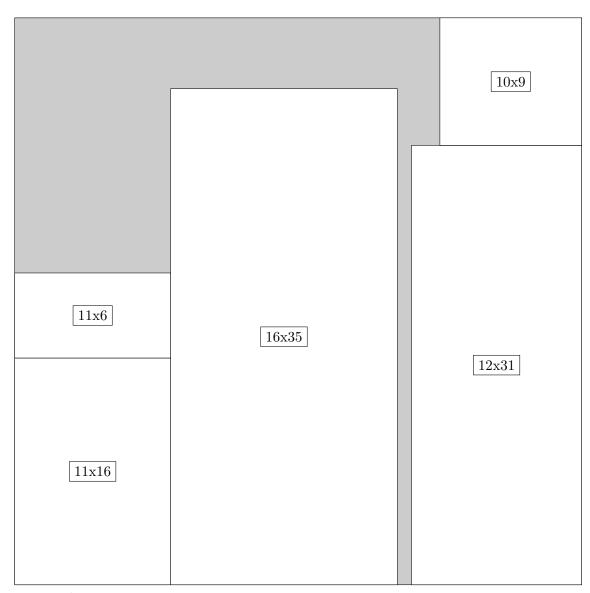
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{122}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{115}}$ PricingSolverCnt: $\underline{\mathbf{115}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

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

TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{84.194 \text{ s}}$ TimeOnRmp: $\underline{0.126 \text{ s}}$ TotalTime: 684.694 s



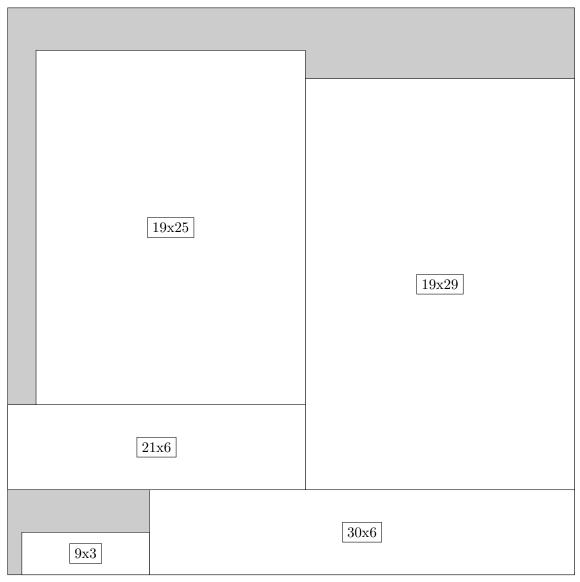
$$\le =12$$
 , h =31 , x =28 , y =0 , v =372

$$\le =10$$
 , h =9 , x =30 , y =31 , v =90

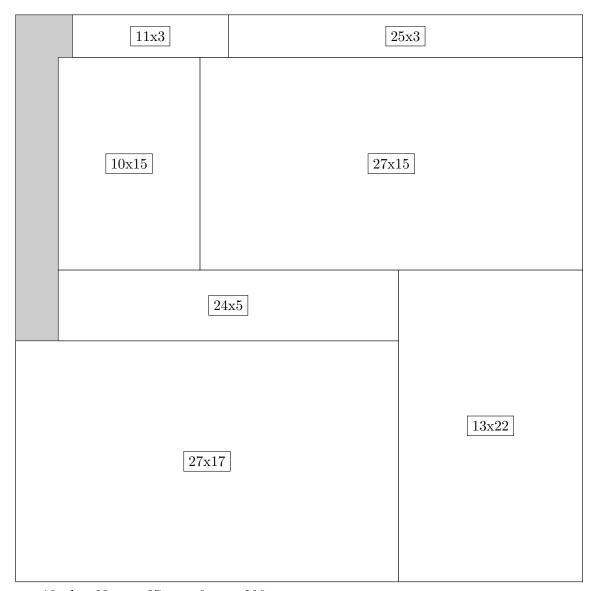
$$\le =16$$
 , h =35 , x =11 , y =0 , v =560

$$\mathbf{w}$$
 =11 , \mathbf{h} =16 , \mathbf{x} =0 , \mathbf{y} =0 , \mathbf{v} =176

$$w = 11$$
, $h = 6$, $x = 0$, $y = 16$, $v = 66$



$$\begin{array}{l} w = \! 30 \;, \; h = \! 6 \;, \; x = \! 10 \;, \; y = \! 0 \;, \; v = \! 180 \\ w = \! 9 \;, \; h = \! 3 \;, \; x = \! 1 \;, \; y = \! 0 \;, \; v = \! 27 \\ w = \! 19 \;, \; h = \! 29 \;, \; x = \! 21 \;, \; y = \! 6 \;, \; v = \! 551 \\ w = \! 21 \;, \; h = \! 6 \;, \; x = \! 0 \;, \; y = \! 6 \;, \; v = \! 126 \\ w = \! 19 \;, \; h = \! 25 \;, \; x = \! 2 \;, \; y = \! 12 \;, \; v = \! 475 \end{array}$$



$$\le =13$$
 , h =22 , x =27 , y =0 , v =286

$$\le =27$$
 , $h=17$, $x=0$, $y=0$, $v=459$

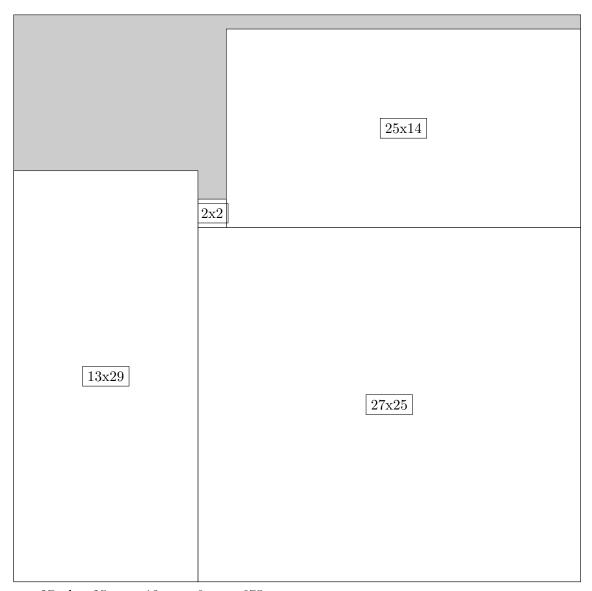
$$\le =24$$
 , h =5 , x =3 , y =17 , v =120

$$w = 27$$
, $h = 15$, $x = 13$, $y = 22$, $v = 405$

$$\le =10$$
 , $h=15$, $x=3$, $y=22$, $v=150$

$$w = 25$$
, $h = 3$, $x = 15$, $y = 37$, $v = 75$

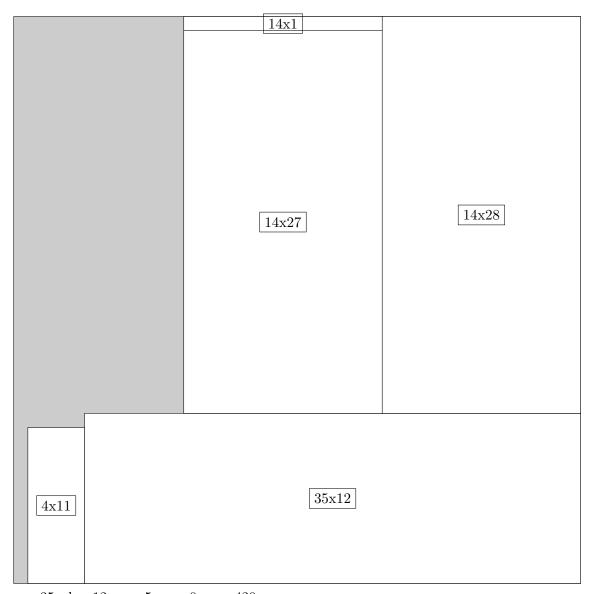
$$w=\!11$$
 , $h=\!3$, $x=\!4$, $y=\!37$, $v=\!33$



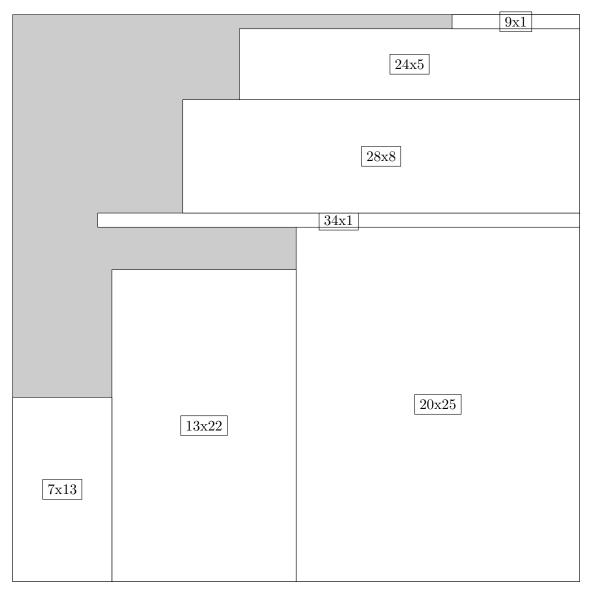
$$\begin{array}{l} w = \! 27 \ , \ h = \! 25 \ , \ x = \! 13 \ , \ y = \! 0 \ , \ v = \! 675 \\ w = \! 25 \ , \ h = \! 14 \ , \ x = \! 15 \ , \ y = \! 25 \ , \ v = \! 350 \end{array}$$

$$\mathbf{w}$$
 =2 , h =2 , x =13 , y =25 , v =4

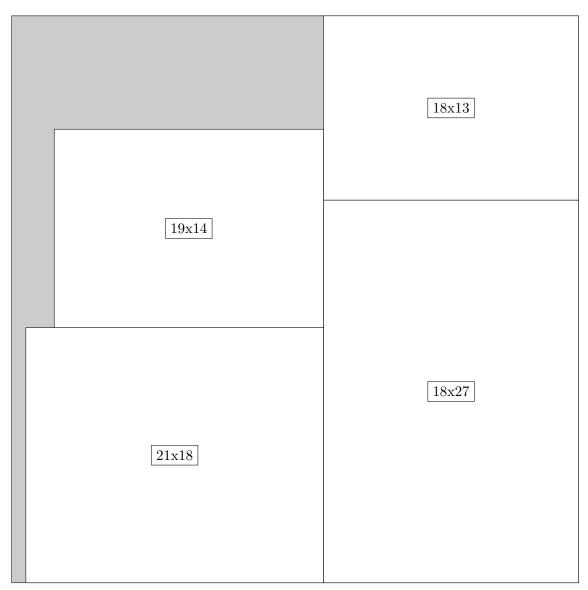
$$\mathbf{w}$$
 =13 , h =29 , x =0 , y =0 , v =377



$$\begin{array}{l} w = & 35 \ , \ h = & 12 \ , \ x = & 5 \ , \ y = & 0 \ , \ v = & 420 \\ w = & 4 \ , \ h = & 11 \ , \ x = & 1 \ , \ y = & 0 \ , \ v = & 44 \\ w = & 14 \ , \ h = & 28 \ , \ x = & 26 \ , \ y = & 12 \ , \ v = & 392 \\ w = & 14 \ , \ h = & 27 \ , \ x = & 12 \ , \ y = & 39 \ , \ v = & 14 \\ w = & 14 \ , \ h = & 1 \ , \ x = & 12 \ , \ y = & 39 \ , \ v = & 14 \end{array}$$



$$\begin{array}{l} w=20\;,\; h=25\;,\; x=20\;,\; y=0\;,\; v=500\\ w=13\;,\; h=22\;,\; x=7\;,\; y=0\;,\; v=286\\ w=7\;,\; h=13\;,\; x=0\;,\; y=0\;,\; v=91\\ w=34\;,\; h=1\;,\; x=6\;,\; y=25\;,\; v=34\\ w=28\;,\; h=8\;,\; x=12\;,\; y=26\;,\; v=224\\ w=24\;,\; h=5\;,\; x=16\;,\; y=34\;,\; v=120\\ w=9\;,\; h=1\;,\; x=31\;,\; y=39\;,\; v=9 \end{array}$$

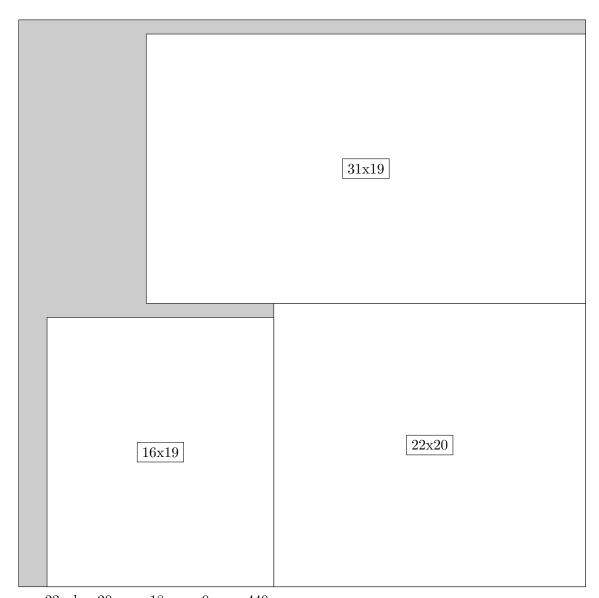


$$w$$
 =18 , h =27 , x =22 , y =0 , v =486

$$\le =18$$
 , h =13 , x =22 , y =27 , v =234

$$\le =21$$
 , h =18 , x =1 , y =0 , v =378

$$w=\!19$$
 , $h=\!14$, $x=\!3$, $y=\!18$, $v=\!266$



$$\begin{array}{l} w = 22 \; , \; h = 20 \; , \; x = 18 \; , \; y = 0 \; , \; v = 440 \\ w = 16 \; , \; h = 19 \; , \; x = 2 \; , \; y = 0 \; , \; v = 304 \\ w = 31 \; , \; h = 19 \; , \; x = 9 \; , \; y = 20 \; , \; v = 589 \end{array}$$