$ClassName: \ Class_03.2bp-19$

 $\begin{array}{ccc} \text{BinSize: } \underline{40} & \overline{\times} & \underline{40} \\ \text{ReduceSize: } \underline{40} & \times & \underline{40} \end{array}$

TypeNum: <u>38</u> Num: <u>40</u> OutS: <u>12800</u> InS: <u>10766</u> Rate: <u>0.841</u>

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

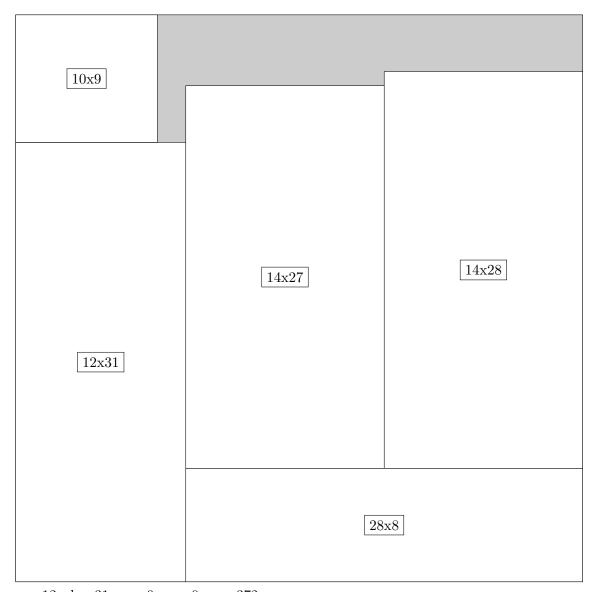
LBWithCut: $\underline{\mathbf{8}}$ NodeCut: $\underline{\mathbf{0}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{129}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{122}}$ PricingSolverCnt: $\underline{\mathbf{122}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{11.528 \text{ s}}$ TimeOnRmp: $\underline{0.111 \text{ s}}$ TotalTime: $\underline{11.812 \text{ s}}$

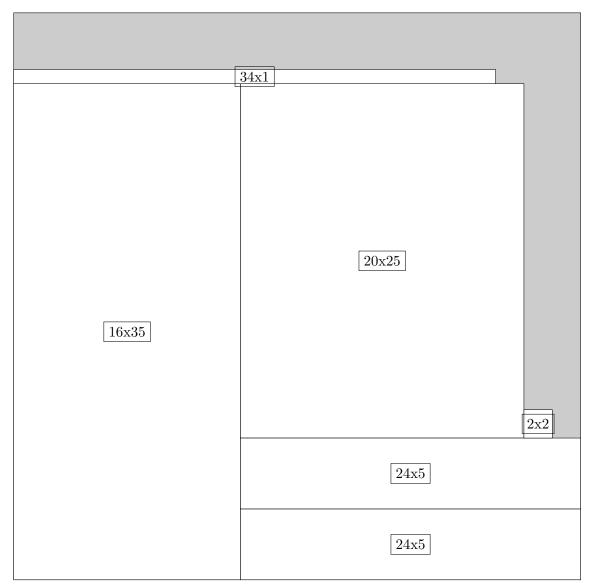
27x15	9x1 9x3
27x25	13x29

$$\begin{array}{l} w=27\;,\; h=25\;,\; x=0\;,\; y=0\;,\; v=675\\ w=27\;,\; h=15\;,\; x=0\;,\; y=25\;,\; v=405\\ w=13\;,\; h=29\;,\; x=27\;,\; y=0\;,\; v=377\\ w=4\;,\; h=11\;,\; x=27\;,\; y=29\;,\; v=44\\ w=9\;,\; h=3\;,\; x=31\;,\; y=29\;,\; v=27\\ w=9\;,\; h=1\;,\; x=31\;,\; y=32\;,\; v=9 \end{array}$$



$$\begin{array}{l} w = \! 12 \ , \ h = \! 31 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 372 \\ w = \! 14 \ , \ h = \! 28 \ , \ x = \! 26 \ , \ y = \! 8 \ , \ v = \! 392 \end{array}$$

$$w = 28$$
, $h = 8$, $x = 12$, $y = 0$, $v = 224$



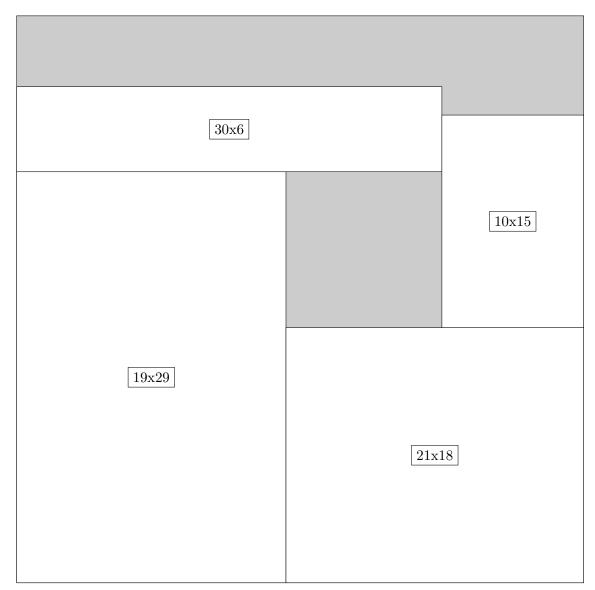
$$w = 16 \ , \ h = 35 \ , \ x = 0 \ , \ y = 0 \ , \ v = 560$$

$$\le =20$$
 , h =25 , x =16 , y =10 , v =500

$$\le =24$$
 , h =5 , x =16 , y =0 , v =120

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

$$\mathbf{w}$$
 =2 , h =2 , x =36 , y =10 , v =4

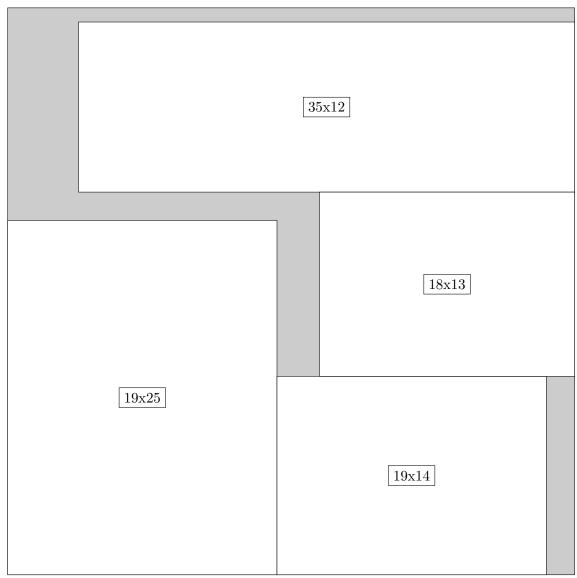


$$w = 19$$
, $h = 29$, $x = 0$, $y = 0$, $v = 551$

$$w$$
 =21 , h =18 , x =19 , y =0 , v =378

$$\le =30$$
 , h =6 , x =0 , y =29 , v =180

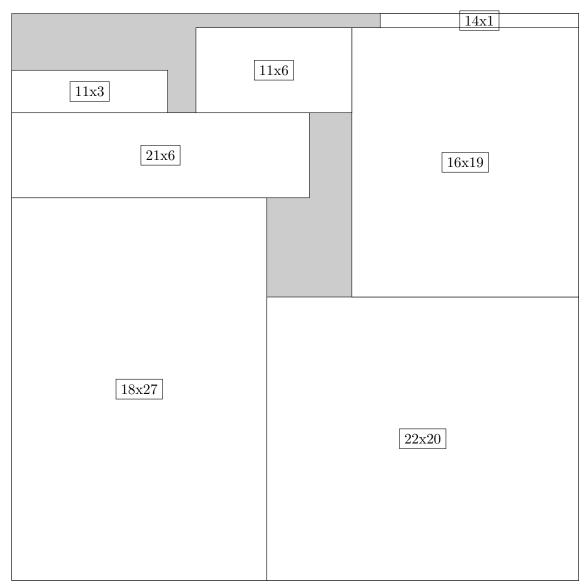
$$\mathbf{w}$$
 =10 , h =15 , x =30 , y =18 , v =150



$$\le =35$$
 , h =12 , x =5 , y =27 , v =420

$$\le =19$$
 , h =14 , x =19 , y =0 , v =266

$$\mathbf{w}$$
 =18 , h =13 , x =22 , y =14 , v =234



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

$$\le =22$$
 , $h=20$, $x=18$, $y=0$, $v=440$

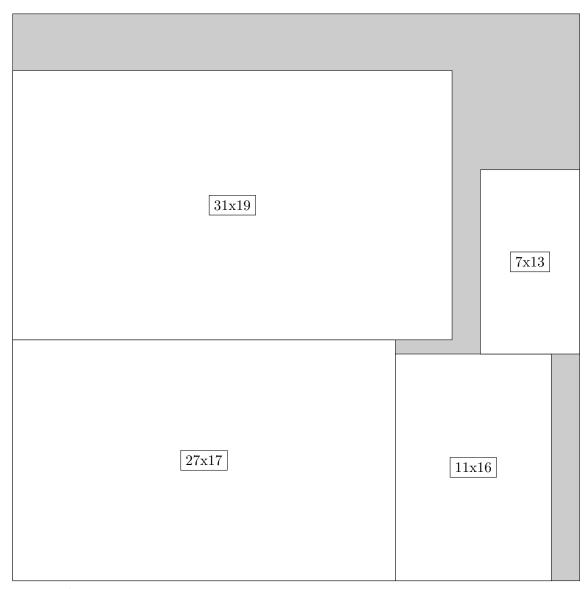
$$w=\!16$$
 , $h=\!19$, $x=\!24$, $y=\!20$, $v=\!304$

$$\le =21$$
 , h =6 , x =0 , y =27 , v =126

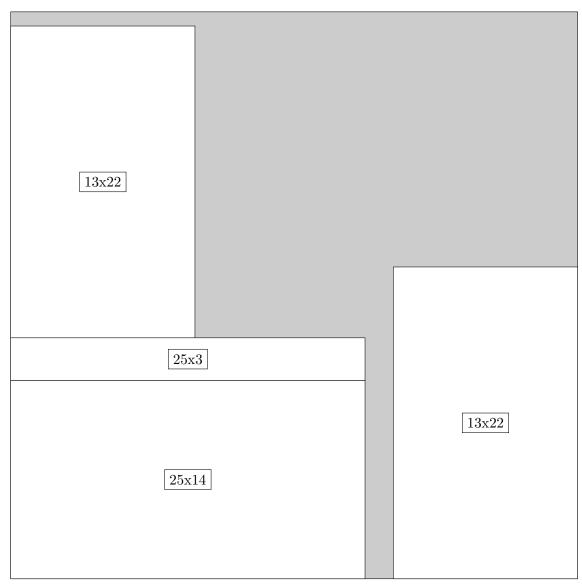
$$\le =11$$
 , h =6 , x =13 , y =33 , v =66

$$\mathbf{w} = \! 11$$
 , $\mathbf{h} = \! 3$, $\mathbf{x} = \! 0$, $\mathbf{y} = \! 33$, $\mathbf{v} = \! 33$

$$w = 14$$
, $h = 1$, $x = 26$, $y = 39$, $v = 14$



 $\begin{array}{l} w=27 \ , \ h=17 \ , \ x=0 \ , \ y=0 \ , \ v=459 \\ w=31 \ , \ h=19 \ , \ x=0 \ , \ y=17 \ , \ v=589 \\ w=11 \ , \ h=16 \ , \ x=27 \ , \ y=0 \ , \ v=176 \\ w=7 \ , \ h=13 \ , \ x=33 \ , \ y=16 \ , \ v=91 \end{array}$



$$\begin{array}{l} w = 25 \ , \ h = 14 \ , \ x = 0 \ , \ y = 0 \ , \ v = 350 \\ w = 13 \ , \ h = 22 \ , \ x = 27 \ , \ y = 0 \ , \ v = 286 \\ w = 13 \ , \ h = 22 \ , \ x = 0 \ , \ y = 17 \ , \ v = 286 \\ w = 25 \ , \ h = 3 \ , \ x = 0 \ , \ y = 14 \ , \ v = 75 \end{array}$$