${\bf ClassName:}~{\bf Class\_03.2bp\text{-}12}$ 

BinSize:  $40 \times 40$ ReduceSize:  $40 \times 40$ 

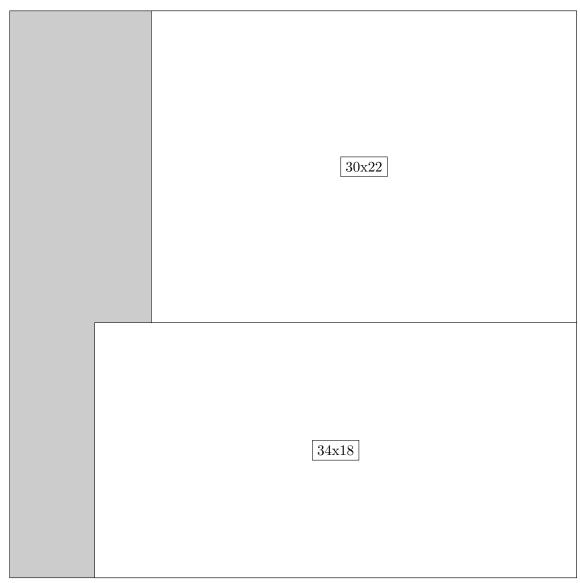
TypeNum: **39** Num: **40** OutS: **17600** InS: 14528Rate:  $\underline{0.825}$ 

UB: <u>11</u> LB: **11** 

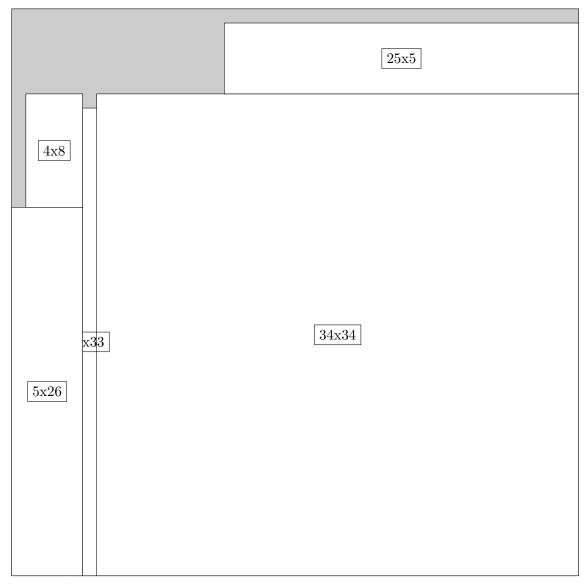
LBWithCut: 11 NodeCount:  $\mathbf{0}$ PrimalNode:  $\mathbf{0}$  $ColumnCount:\ \underline{\bf 11}$  $TotalCutCount: \ \mathbf{0}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt: 1 PricingSolverCnt:  $\underline{\mathbf{0}}$ Branch And<br/>Bound Num:  $\underline{\mathbf{1}}$ 

isOpt: **true** 

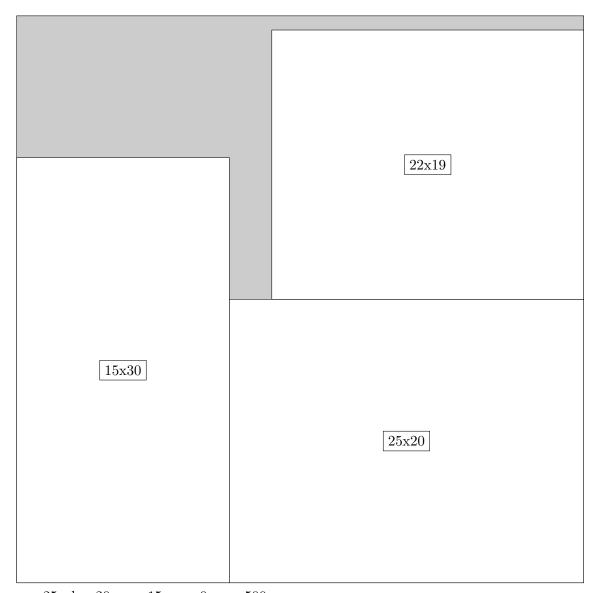
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp:  $\underline{0.063 \text{ s}}$ TotalTime: 0.219 s



$$\begin{array}{c} w = \! 34 \; , \; h = \! 18 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 612 \\ w = \! 30 \; , \; h = \! 22 \; , \; x = \! 10 \; , \; y = \! 18 \; , \; v = \! 660 \end{array}$$

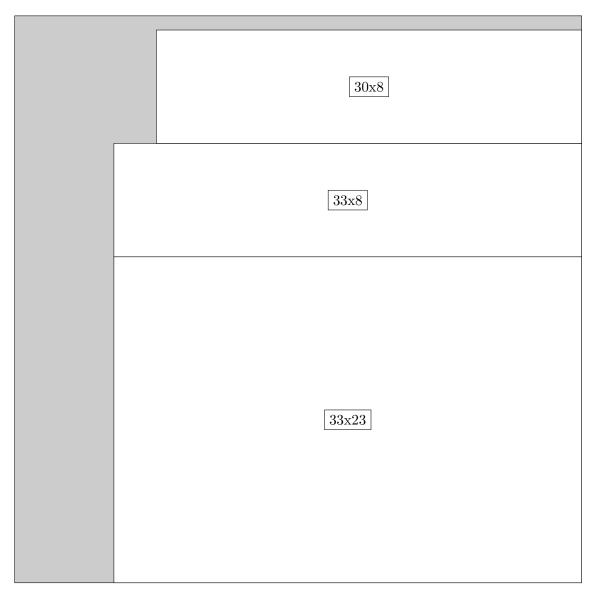


 $\begin{array}{l} w = 34 \;,\; h = 34 \;,\; x = 6 \;,\; y = 0 \;,\; v = 1156 \\ w = 1 \;,\; h = 33 \;,\; x = 5 \;,\; y = 0 \;,\; v = 33 \\ w = 5 \;,\; h = 26 \;,\; x = 0 \;,\; y = 0 \;,\; v = 130 \\ w = 4 \;,\; h = 8 \;,\; x = 1 \;,\; y = 26 \;,\; v = 32 \\ w = 25 \;,\; h = 5 \;,\; x = 15 \;,\; y = 34 \;,\; v = 125 \end{array}$ 



$$\begin{array}{l} w = \! 25 \ , \ h = \! 20 \ , \ x = \! 15 \ , \ y = \! 0 \ , \ v = \! 500 \\ w = \! 22 \ , \ h = \! 19 \ , \ x = \! 18 \ , \ y = \! 20 \ , \ v = \! 418 \end{array}$$

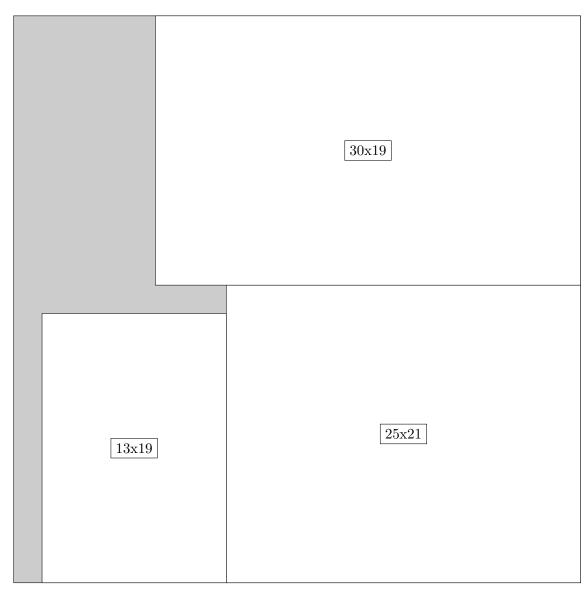
$$\le =15$$
 , h =30 , x =0 , y =0 , v =450



$$w = 33$$
,  $h = 23$ ,  $x = 7$ ,  $y = 0$ ,  $v = 759$ 

$$\le =33$$
 , h =8 , x =7 , y =23 , v =264

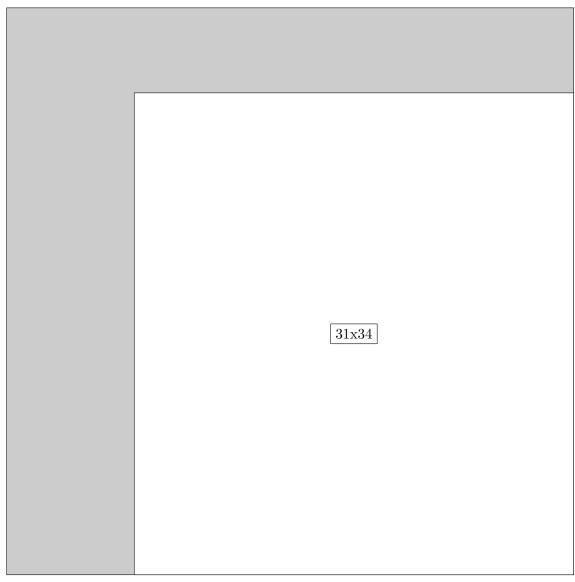
$$\le =30$$
 , h =8 , x =10 , y =31 , v =240



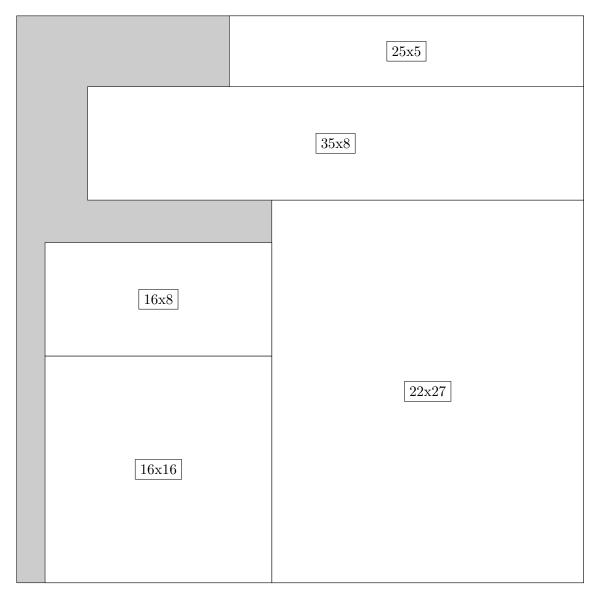
$$w$$
 =25 ,  $h$  =21 ,  $x$  =15 ,  $y$  =0 ,  $v$  =525

$$\mathbf{w}$$
 =13 , h =19 , x =2 , y =0 , v =247

$$\le =30$$
 , h =19 , x =10 , y =21 , v =570



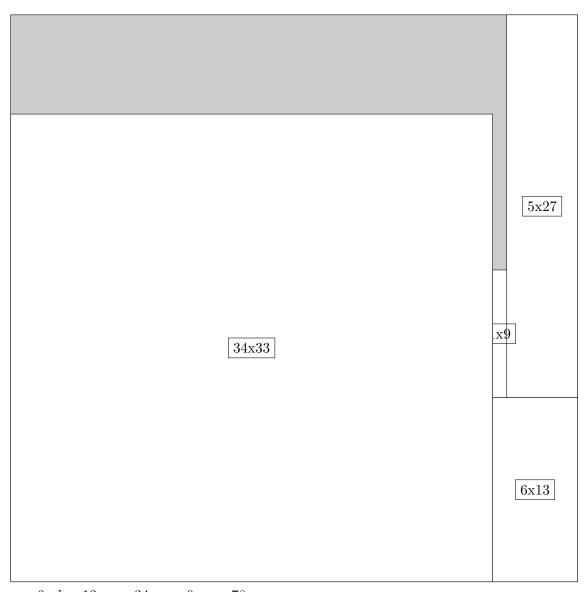
 $\le =31$  , h =34 , x =9 , y =0 , v =1054



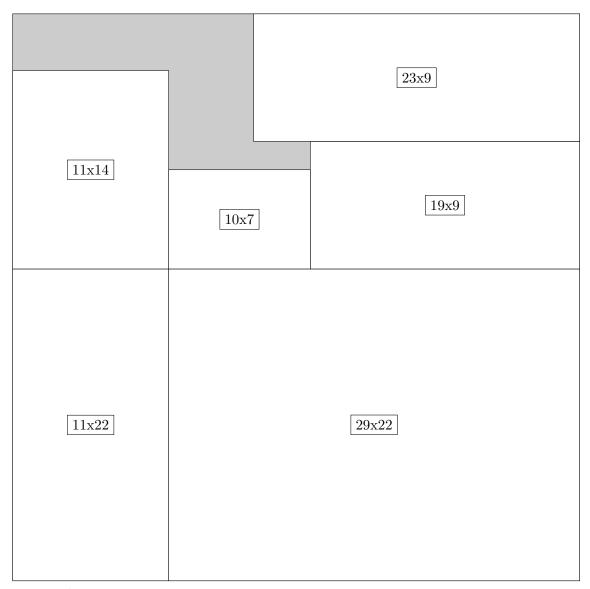
$$w$$
 =22 ,  $h$  =27 ,  $x$  =18 ,  $y$  =0 ,  $v$  =594

$$\begin{array}{l} w = \! 16 \ , \ h = \! 16 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 256 \\ w = \! 16 \ , \ h = \! 8 \ , \ x = \! 2 \ , \ y = \! 16 \ , \ v = \! 128 \end{array}$$

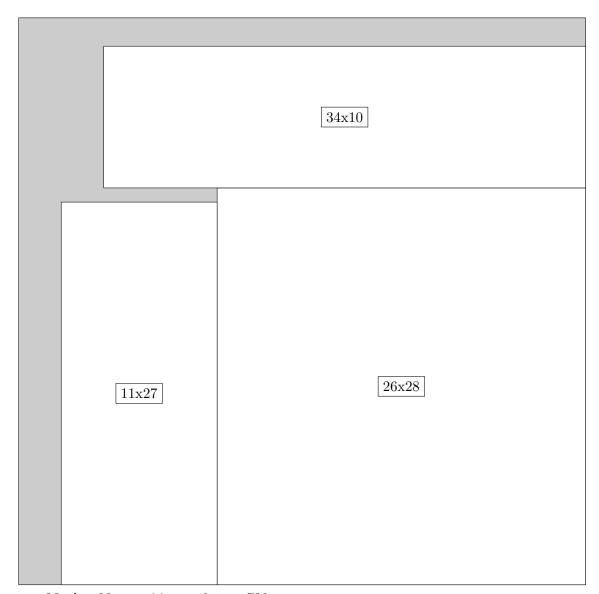
$$\begin{array}{l} w = \! 35 \ , \ h = \! 8 \ , \ x = \! 5 \ , \ y = \! 27 \ , \ v = \! 280 \\ w = \! 25 \ , \ h = \! 5 \ , \ x = \! 15 \ , \ y = \! 35 \ , \ v = \! 125 \end{array}$$



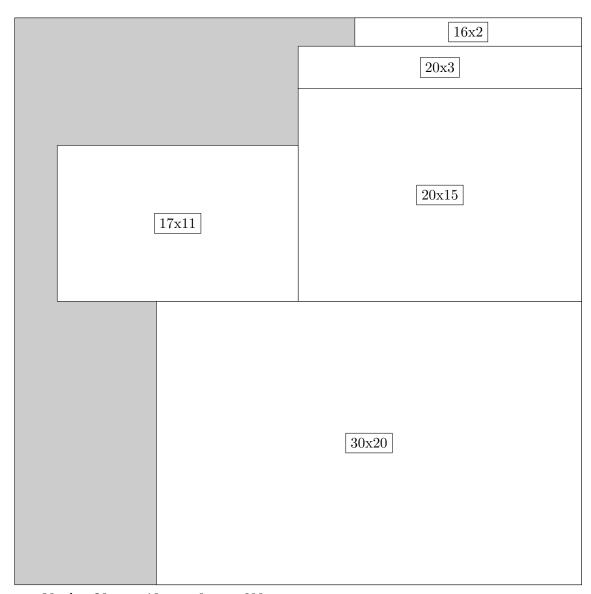
 $\begin{array}{l} w=6\ ,\, h=13\ ,\, x=34\ ,\, y=0\ ,\, v=78\\ w=5\ ,\, h=27\ ,\, x=35\ ,\, y=13\ ,\, v=135\\ w=1\ ,\, h=9\ ,\, x=34\ ,\, y=13\ ,\, v=9\\ w=34\ ,\, h=33\ ,\, x=0\ ,\, y=0\ ,\, v=1122 \end{array}$ 



$$\begin{array}{l} w=29 \ , \ h=22 \ , \ x=11 \ , \ y=0 \ , \ v=638 \\ w=19 \ , \ h=9 \ , \ x=21 \ , \ y=22 \ , \ v=171 \\ w=10 \ , \ h=7 \ , \ x=11 \ , \ y=22 \ , \ v=70 \\ w=23 \ , \ h=9 \ , \ x=17 \ , \ y=31 \ , \ v=207 \\ w=11 \ , \ h=22 \ , \ x=0 \ , \ y=0 \ , \ v=242 \\ w=11 \ , \ h=14 \ , \ x=0 \ , \ y=22 \ , \ v=154 \end{array}$$



$$\begin{array}{l} w = 26 \ , \ h = 28 \ , \ x = 14 \ , \ y = 0 \ , \ v = 728 \\ w = 11 \ , \ h = 27 \ , \ x = 3 \ , \ y = 0 \ , \ v = 297 \\ w = 34 \ , \ h = 10 \ , \ x = 6 \ , \ y = 28 \ , \ v = 340 \end{array}$$



$$w$$
 =30 ,  $h$  =20 ,  $x$  =10 ,  $y$  =0 ,  $v$  =600

$$\le =20$$
 ,  $h$  =15 ,  $x$  =20 ,  $y$  =20 ,  $v$  =300

$$w=\!20$$
 ,  $h=\!3$  ,  $x=\!20$  ,  $y=\!35$  ,  $v=\!60$ 

$$\le =16$$
 ,  $h$  =2 ,  $x$  =24 ,  $y$  =38 ,  $v$  =32

$$\mathbf{w}$$
 =17 , h =11 , x =3 , y =20 , v =187