$ClassName: \ Class\_03.2bp\text{-}13$ 

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

TypeNum: <u>40</u>
Num: <u>40</u>
OutS: <u>16000</u>
InS: <u>13176</u>
Rate: <u>0.824</u>
UB: <u>10</u>
LB0: <u>10</u>
LB: **10** 

LBWithCut:  $\underline{\mathbf{10}}$ NodeCut:  $\underline{\mathbf{0}}$ 

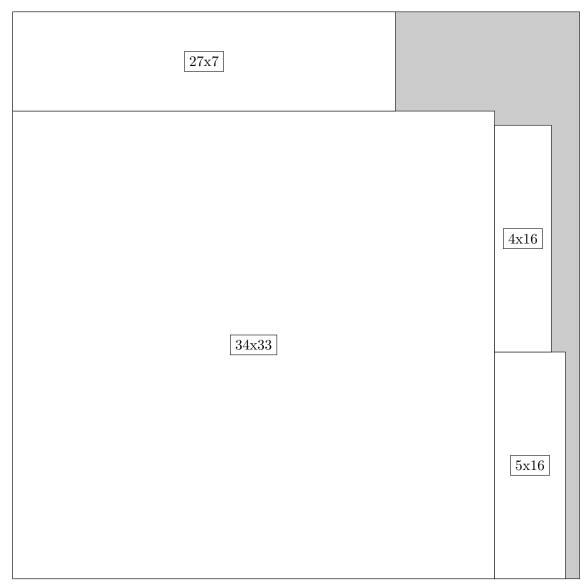
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{10}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNu

Branch And<br/>Bound Num:  $\underline{\mathbf{1}}$ 

is Opt:  $\underline{\mathbf{true}}$ 

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 0.125 s

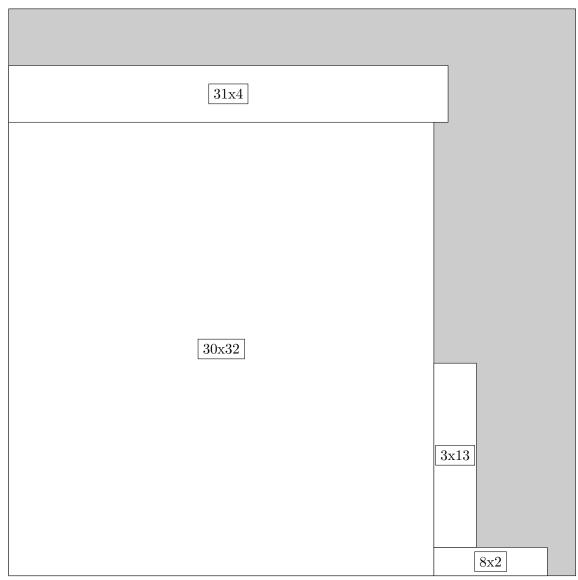


 $\mathbf{w=}34\;,\;\mathbf{h=}33\;,\;\mathbf{x=}0\;,\;\mathbf{y=}0\;,\;\mathbf{v=}1122$ 

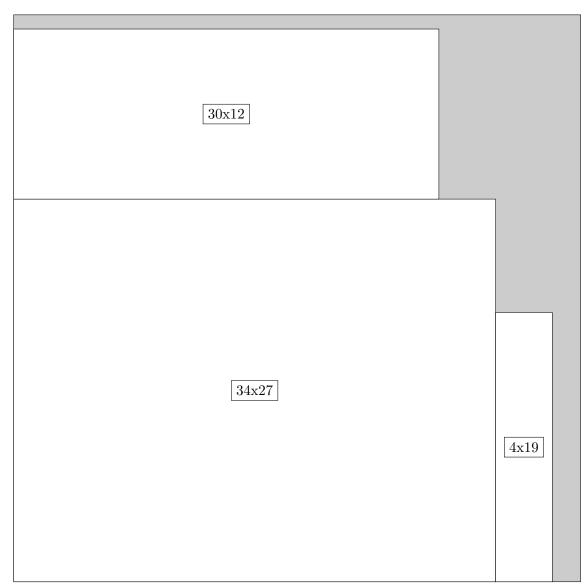
w = 27, h = 7, x = 0, y = 33, v = 189

 $\le 5$  , h = 16 , x = 34 , y = 0 , v = 80

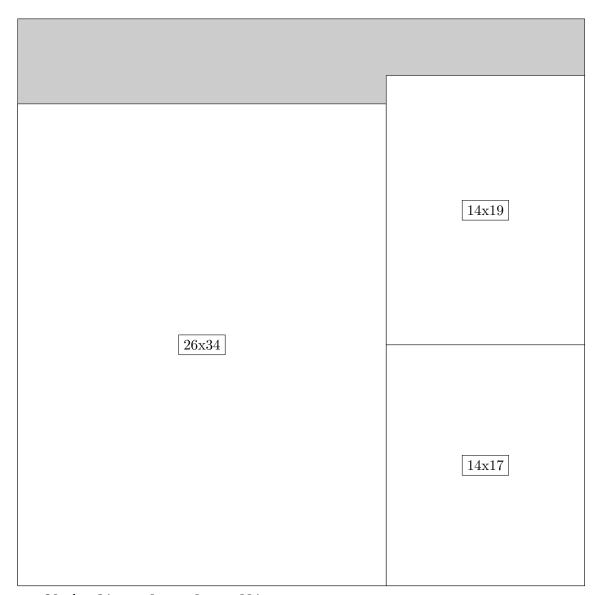
 $\mathbf{w}=\!\!4$  ,  $\mathbf{h}=\!\!16$  ,  $\mathbf{x}=\!\!34$  ,  $\mathbf{y}=\!\!16$  ,  $\mathbf{v}=\!\!64$ 



 $\begin{array}{l} w = & 30 \ , \ h = & 32 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 960 \\ w = & 31 \ , \ h = & 4 \ , \ x = & 0 \ , \ y = & 32 \ , \ v = & 124 \\ w = & 3 \ , \ h = & 13 \ , \ x = & 30 \ , \ y = & 2 \ , \ v = & 39 \\ w = & 8 \ , \ h = & 2 \ , \ x = & 30 \ , \ y = & 0 \ , \ v = & 16 \end{array}$ 

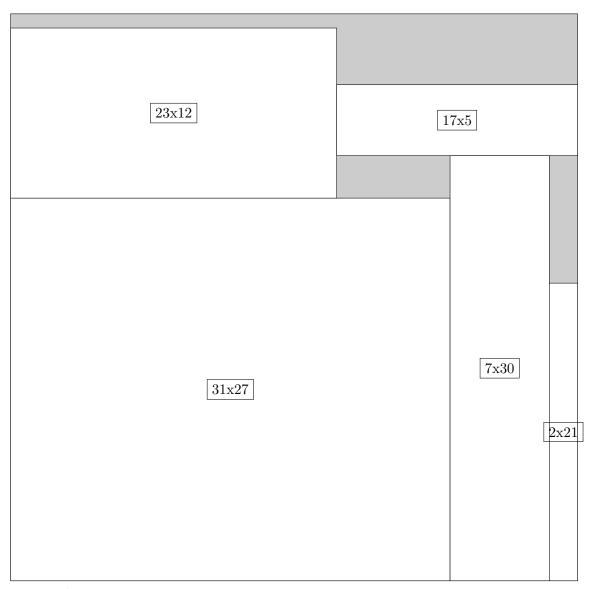


$$\begin{array}{l} w = \! 34 \; , \; h = \! 27 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 918 \\ w = \! 30 \; , \; h = \! 12 \; , \; x = \! 0 \; , \; y = \! 27 \; , \; v = \! 360 \\ w = \! 4 \; , \; h = \! 19 \; , \; x = \! 34 \; , \; y = \! 0 \; , \; v = \! 76 \end{array}$$

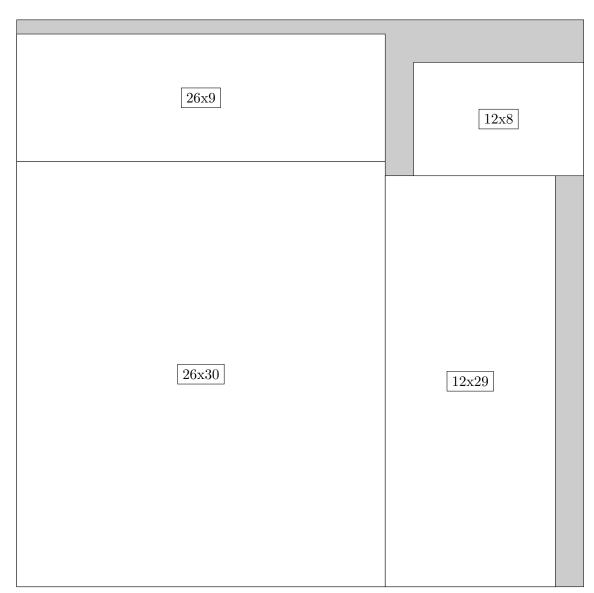


$$\begin{array}{l} w = \!\! 26 \ , \ h = \!\! 34 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 884 \\ w = \!\! 14 \ , \ h = \!\! 19 \ , \ x = \!\! 26 \ , \ y = \!\! 17 \ , \ v = \!\! 266 \end{array}$$

 $\le =14$  , h =17 , x =26 , y =0 , v =238



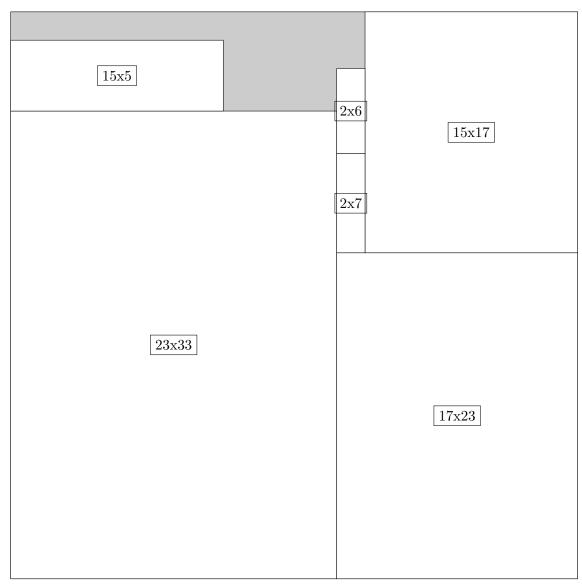
 $\begin{array}{l} w = & 31 \;,\; h = & 27 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 837 \\ w = & 7 \;,\; h = & 30 \;,\; x = & 31 \;,\; y = & 0 \;,\; v = & 210 \\ w = & 23 \;,\; h = & 12 \;,\; x = & 0 \;,\; y = & 27 \;,\; v = & 276 \\ w = & 17 \;,\; h = & 5 \;,\; x = & 23 \;,\; y = & 30 \;,\; v = & 85 \\ w = & 2 \;,\; h = & 21 \;,\; x = & 38 \;,\; y = & 0 \;,\; v = & 42 \end{array}$ 



$$\begin{array}{l} w = 26 \ , \ h = \!\! 30 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 780 \\ w = \!\! 12 \ , \ h = \!\! 29 \ , \ x = \!\! 26 \ , \ y = \!\! 0 \ , \ v = \!\! 348 \end{array}$$

$$\mathbf{w}$$
 =26 , h =9 , x =0 , y =30 , v =234

$$w = 20$$
,  $h = 8$ ,  $x = 0$ ,  $y = 30$ ,  $v = 234$   
 $w = 12$ ,  $h = 8$ ,  $x = 28$ ,  $y = 29$ ,  $v = 96$ 



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

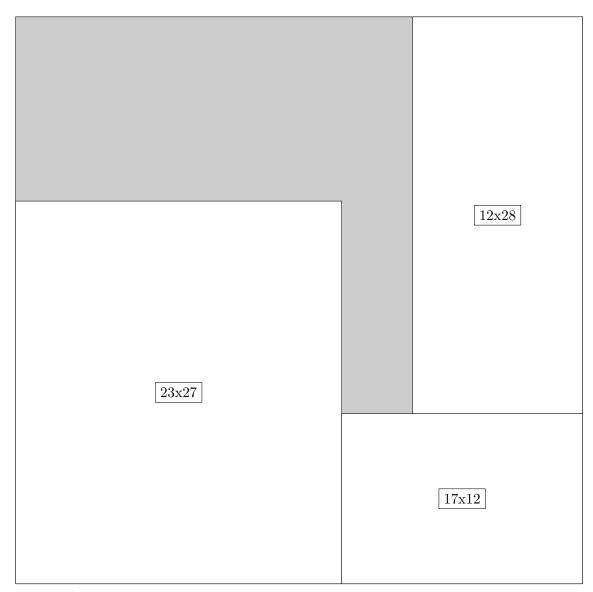
$$w=\!17$$
 ,  $h=\!23$  ,  $x=\!23$  ,  $y=\!0$  ,  $v=\!391$ 

$$\le =15$$
 , h =17 , x =25 , y =23 , v =255

$$\le =15$$
 ,  $h=5$  ,  $x=0$  ,  $y=33$  ,  $v=75$ 

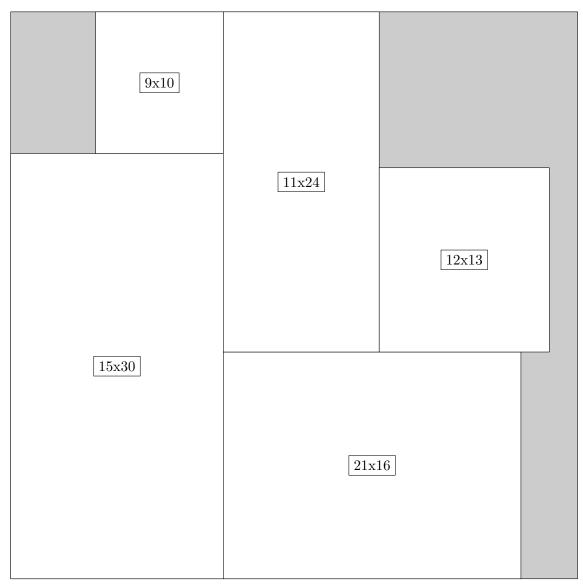
$$\mathbf{w}$$
 =2 , h =7 , x =23 , y =23 , v =14

$$\mathbf{w}$$
 =2 , h =6 , x =23 , y =30 , v =12



 $\begin{array}{l} w = \! 23 \ , \ h = \! 27 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 621 \\ w = \! 12 \ , \ h = \! 28 \ , \ x = \! 28 \ , \ y = \! 12 \ , \ v = \! 336 \end{array}$ 

 $\le =17$  , h =12 , x =23 , y =0 , v =204



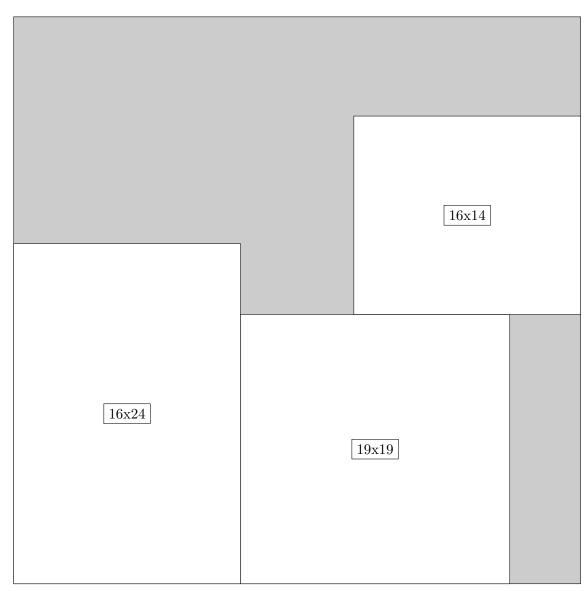
$$w = 15$$
,  $h = 30$ ,  $x = 0$ ,  $y = 0$ ,  $v = 450$ 

$$w = 21$$
,  $h = 16$ ,  $x = 15$ ,  $y = 0$ ,  $v = 336$ 

$$\le =11$$
 , h =24 , x =15 , y =16 , v =264

$$\le =12$$
 ,  $h$  =13 ,  $x$  =26 ,  $y$  =16 ,  $v$  =156

w=9 ,  $h=\!10$  ,  $x=\!6$  ,  $y=\!30$  ,  $v=\!90$ 



$$\mathbf{w}$$
 =16 , h =24 , x =0 , y =0 , v =384

$$\le =19$$
 ,  $= 19$  ,  $= 16$  ,

$$\le =16$$
 , h =14 , x =24 , y =19 , v =224