$ClassName: \ Class\_03.2bp\text{-}18$ 

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

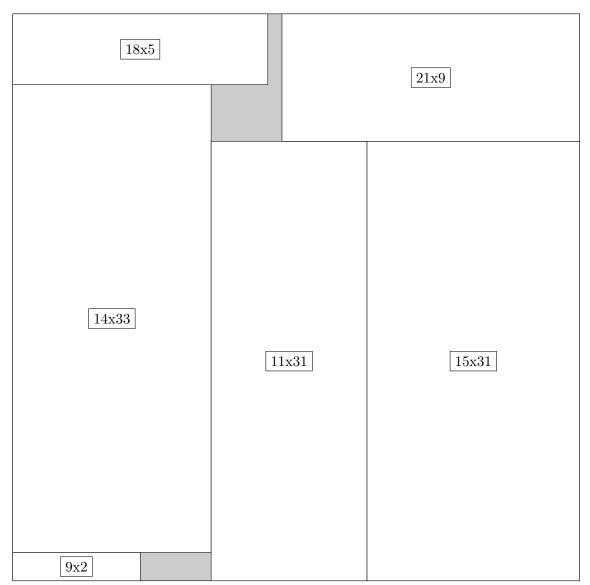
TypeNum:  $\underline{39}$  Num:  $\underline{40}$  OutS:  $\underline{11200}$  InS:  $\underline{10710}$  Rate:  $\underline{0.956}$ 

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

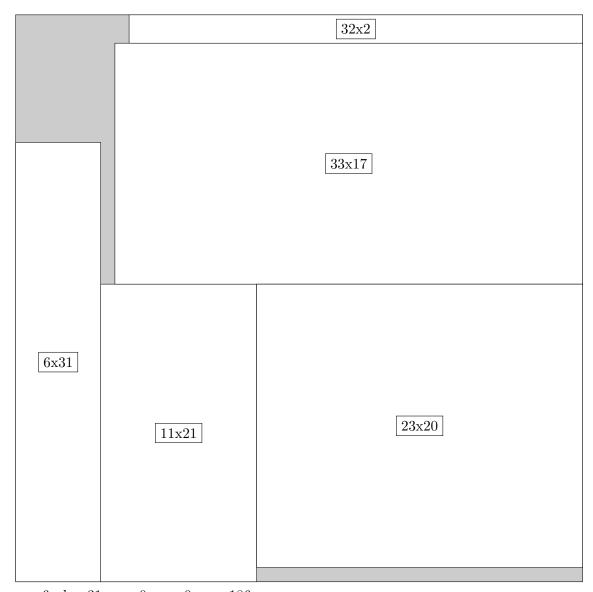
LBWithCut: 7
NodeCut: 0
PrimalNode: 2
ColumnCount: 143
TotalCutCount: 196
RootCutCount: 196
LPSolverCnt: 210
PricingSolverCnt: 209
BranchAndBoundNum: 1

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

TimeOnPrimal:  $\underline{59.920 \text{ s}}$ TimeOnPricing:  $\underline{311.159 \text{ s}}$ TimeOnRmp:  $\underline{0.179 \text{ s}}$ TotalTime:  $\underline{311.645 \text{ s}}$ 



$$\begin{array}{l} w = \! 14 \; , \; h = \! 33 \; , \; x = \! 0 \; , \; y = \! 2 \; , \; v = \! 462 \\ w = \! 18 \; , \; h = \! 5 \; , \; x = \! 0 \; , \; y = \! 35 \; , \; v = \! 90 \\ w = \! 9 \; , \; h = \! 2 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 18 \\ w = \! 11 \; , \; h = \! 31 \; , \; x = \! 14 \; , \; y = \! 0 \; , \; v = \! 341 \\ w = \! 21 \; , \; h = \! 9 \; , \; x = \! 19 \; , \; y = \! 31 \; , \; v = \! 189 \\ w = \! 15 \; , \; h = \! 31 \; , \; x = \! 25 \; , \; y = \! 0 \; , \; v = \! 465 \end{array}$$

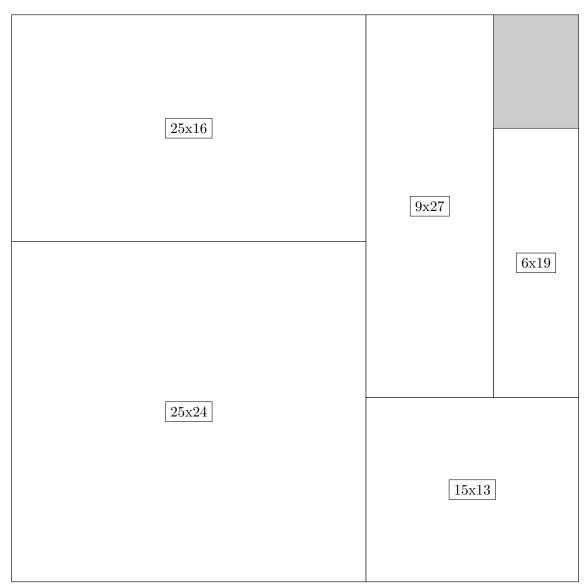


 $\begin{array}{l} w = 6 \ , \ h = \! 31 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 186 \\ w = \! 11 \ , \ h = \! 21 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 231 \end{array}$ 

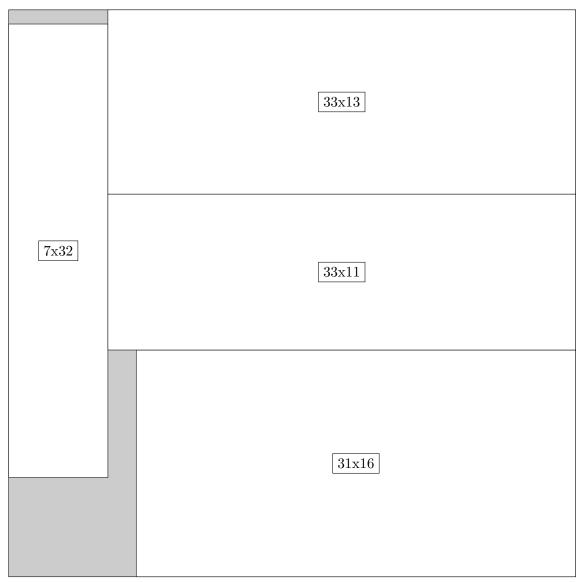
 $\le =33$  , h =17 , x =7 , y =21 , v =561

w = 32, h = 2, x = 8, y = 38, v = 64

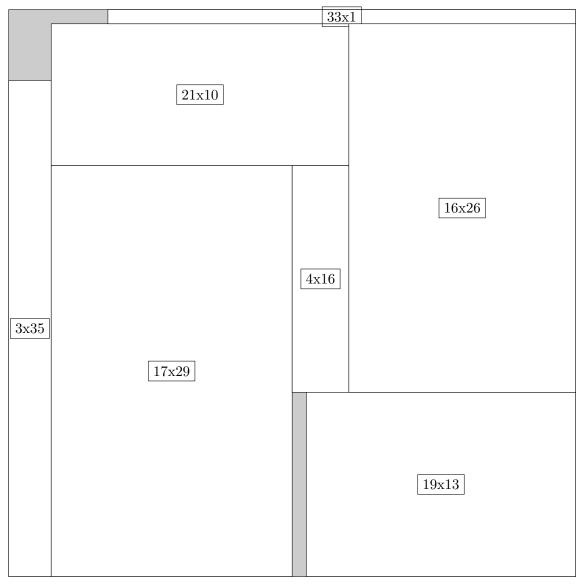
w =23, h =20, x =17, y =1, v =460



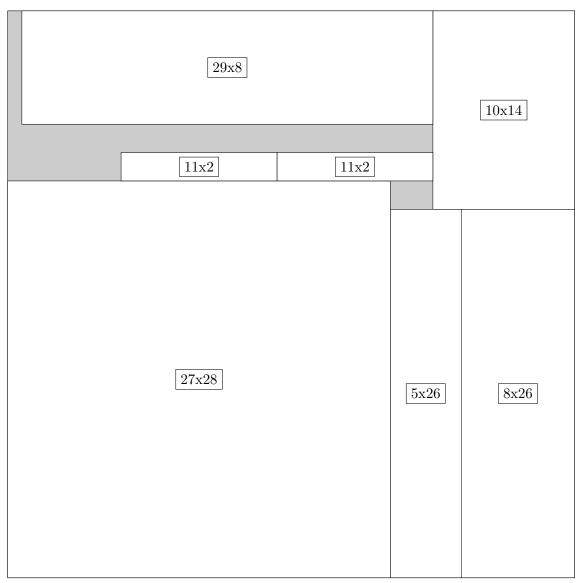
 $\begin{array}{l} w=25 \ , \ h=24 \ , \ x=0 \ , \ y=0 \ , \ v=600 \\ w=25 \ , \ h=16 \ , \ x=0 \ , \ y=24 \ , \ v=400 \\ w=9 \ , \ h=27 \ , \ x=25 \ , \ y=13 \ , \ v=243 \\ w=15 \ , \ h=13 \ , \ x=25 \ , \ y=0 \ , \ v=195 \\ w=6 \ , \ h=19 \ , \ x=34 \ , \ y=13 \ , \ v=114 \end{array}$ 



$$\begin{array}{l} w = & 31 \ , \ h = & 16 \ , \ x = & 9 \ , \ y = & 0 \ , \ v = & 496 \\ w = & 7 \ , \ h = & 32 \ , \ x = & 0 \ , \ y = & 7 \ , \ v = & 224 \\ w = & 33 \ , \ h = & 11 \ , \ x = & 7 \ , \ y = & 16 \ , \ v = & 363 \\ w = & 33 \ , \ h = & 13 \ , \ x = & 7 \ , \ y = & 27 \ , \ v = & 429 \end{array}$$



$$\begin{array}{l} w = 3 \ , \ h = 35 \ , \ x = 0 \ , \ y = 0 \ , \ v = 105 \\ w = 17 \ , \ h = 29 \ , \ x = 3 \ , \ y = 0 \ , \ v = 493 \\ w = 21 \ , \ h = 10 \ , \ x = 3 \ , \ y = 29 \ , \ v = 210 \\ w = 33 \ , \ h = 1 \ , \ x = 7 \ , \ y = 39 \ , \ v = 33 \\ w = 4 \ , \ h = 16 \ , \ x = 20 \ , \ y = 13 \ , \ v = 64 \\ w = 19 \ , \ h = 13 \ , \ x = 21 \ , \ y = 0 \ , \ v = 247 \\ w = 16 \ , \ h = 26 \ , \ x = 24 \ , \ y = 13 \ , \ v = 416 \end{array}$$



$$w = 27$$
,  $h = 28$ ,  $x = 0$ ,  $y = 0$ ,  $v = 756$ 

$$\le =8$$
 ,  $h$  =26 ,  $x$  =32 ,  $y$  =0 ,  $v$  =208

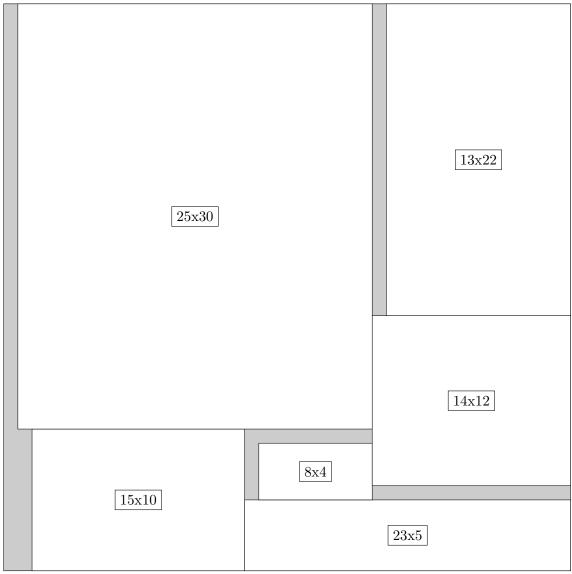
$$\le 5$$
 , h =  
26 , x =  
27 , y =  
0 , v =  
130

$$\mathbf{w}$$
 =10 , h =14 , x =30 , y =26 , v =140

$$\le =11$$
 , h =2 , x =19 , y =28 , v =22

$$\mathbf{w}$$
 =11 , h =2 , x =8 , y =28 , v =22

$$w$$
 =29 , h =8 , x =1 , y =32 , v =232



 $\begin{array}{l} w=23 \ , \ h=5 \ , \ x=17 \ , \ y=0 \ , \ v=115 \\ w=15 \ , \ h=10 \ , \ x=2 \ , \ y=0 \ , \ v=150 \\ w=8 \ , \ h=4 \ , \ x=18 \ , \ y=5 \ , \ v=32 \\ w=14 \ , \ h=12 \ , \ x=26 \ , \ y=6 \ , \ v=168 \\ w=25 \ , \ h=30 \ , \ x=1 \ , \ y=10 \ , \ v=750 \\ w=13 \ , \ h=22 \ , \ x=27 \ , \ y=18 \ , \ v=286 \end{array}$