$ClassName: \ Class\_03.2bp-22$ 

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

TypeNum: <u>60</u>
Num: <u>60</u>
OutS: <u>22400</u>
InS: <u>19664</u>
Rate: <u>0.878</u>
UB: <u>14</u>
LB0: <u>13</u>
LB: 14

LBWithCut:  $\underline{\mathbf{14}}$ NodeCut:  $\underline{\mathbf{0}}$ 

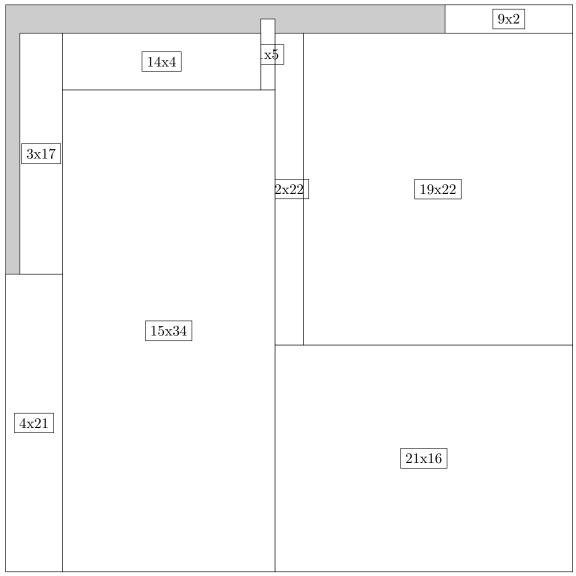
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt: 1
PrimalNode: 0
ColumnCount: 184
TotalCutCount: 0
RootCutCount: 0
LPSolverCnt: 171
PricingSolverCnt: 171
BranchAndBoundNum: 1

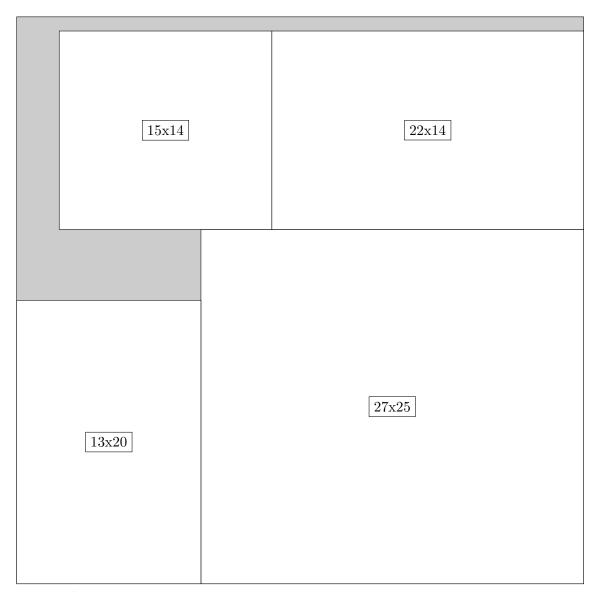
isOpt: **true** 

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

TimeOnPrimal: <u>0.000 s</u>
TimeOnPricing: <u>127.865 s</u>
TimeOnRmp: <u>0.145 s</u>
TotalTime: <u>728.309 s</u>



 $\begin{array}{l} w=21\;,\; h=16\;,\; x=19\;,\; y=0\;,\; v=336\\ w=19\;,\; h=22\;,\; x=21\;,\; y=16\;,\; v=418\\ w=9\;,\; h=2\;,\; x=31\;,\; y=38\;,\; v=18\\ w=2\;,\; h=22\;,\; x=19\;,\; y=16\;,\; v=44\\ w=15\;,\; h=34\;,\; x=4\;,\; y=0\;,\; v=510\\ w=1\;,\; h=5\;,\; x=18\;,\; y=34\;,\; v=5\\ w=14\;,\; h=4\;,\; x=4\;,\; y=34\;,\; v=56\\ w=4\;,\; h=21\;,\; x=0\;,\; y=0\;,\; v=84\\ w=3\;,\; h=17\;,\; x=1\;,\; y=21\;,\; v=51\\ \end{array}$ 

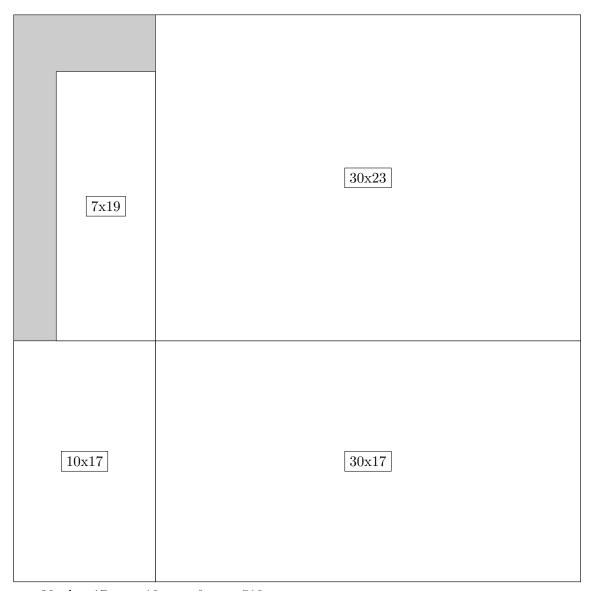


$$\le =27$$
 , h =25 , x =13 , y =0 , v =675

$$\le =13$$
 ,  $h$  =20 ,  $x$  =0 ,  $y$  =0 ,  $v$  =260

$$\le =22$$
 , h =14 , x =18 , y =25 , v =308

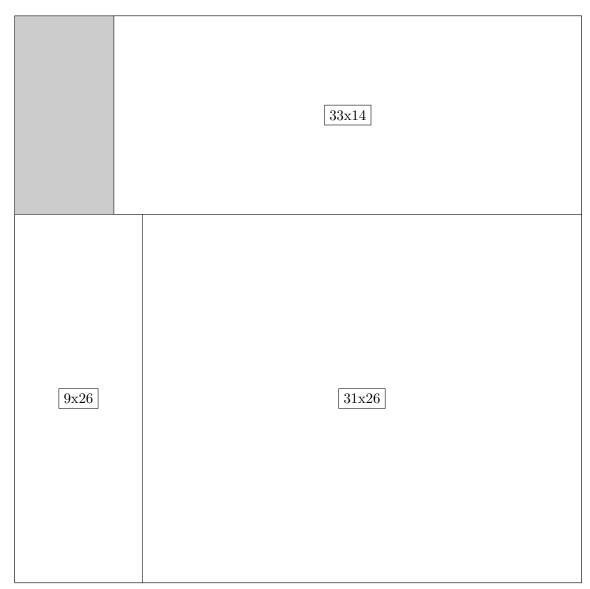
$$\le =15$$
 ,  $h=14$  ,  $x=3$  ,  $y=25$  ,  $v=210$ 



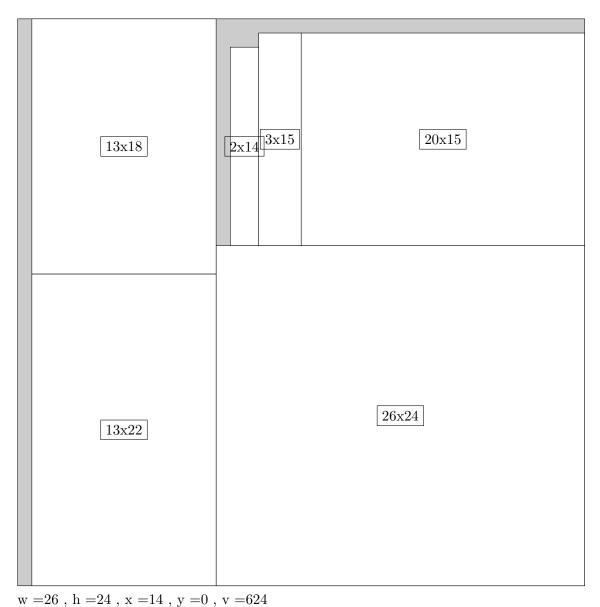
 $\begin{array}{c} w = \!\! 30 \ , \ h = \!\! 17 \ , \ x = \!\! 10 \ , \ y = \!\! 0 \ , \ v = \!\! 510 \\ w = \!\! 10 \ , \ h = \!\! 17 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 170 \\ \end{array}$ 

w = 30, h = 23, x = 10, y = 17, v = 690

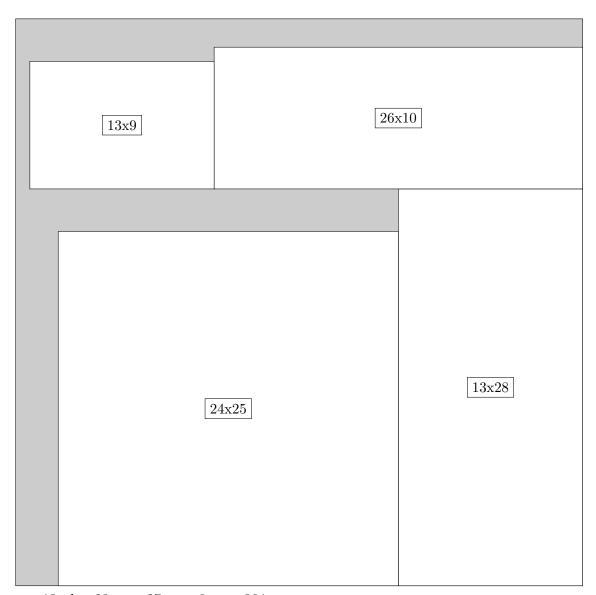
 $\mathbf{w}$  =7 , h =19 , x =3 , y =17 , v =133



 $\begin{array}{l} w = \! 31 \; , \; h = \! 26 \; , \; x = \! 9 \; , \; y = \! 0 \; , \; v = \! 806 \\ w = \! 9 \; , \; h = \! 26 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 234 \\ w = \! 33 \; , \; h = \! 14 \; , \; x = \! 7 \; , \; y = \! 26 \; , \; v = \! 462 \end{array}$ 



 $\le =13$  , h =18 , x =1 , y =22 , v =234

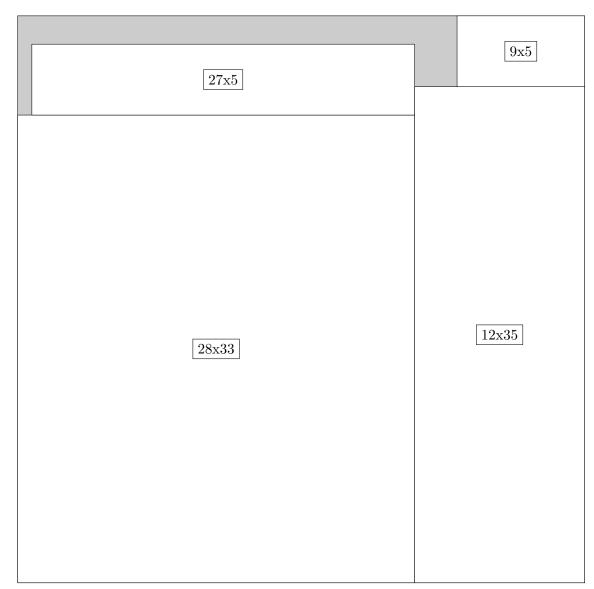


$$\le =13$$
 , h =28 , x =27 , y =0 , v =364

$$\le =24$$
 ,  $h=25$  ,  $x=3$  ,  $y=0$  ,  $v=600$ 

$$\le =26$$
 ,  $h=10$  ,  $x=14$  ,  $y=28$  ,  $v=260$ 

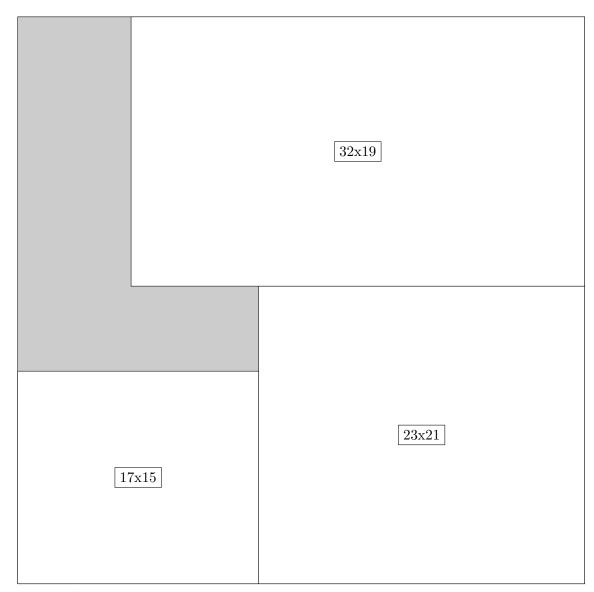
$$\mathbf{w}$$
 =13 , h =9 , x =1 , y =28 , v =117



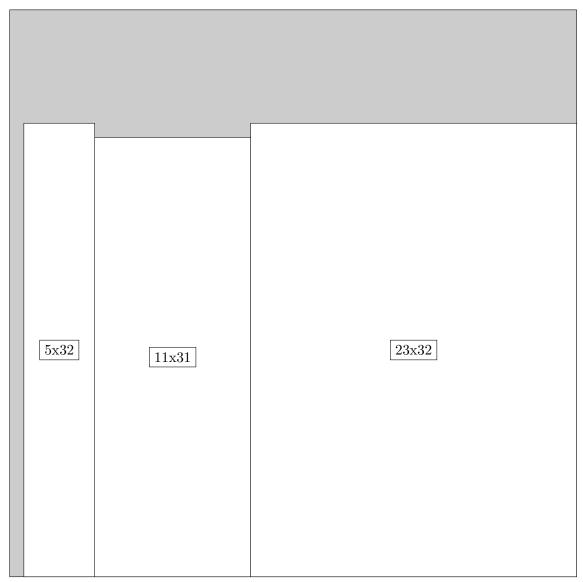
$$w = 12$$
,  $h = 35$ ,  $x = 28$ ,  $y = 0$ ,  $v = 420$ 

$$\le =28$$
 , h =33 , x =0 , y =0 , v =924

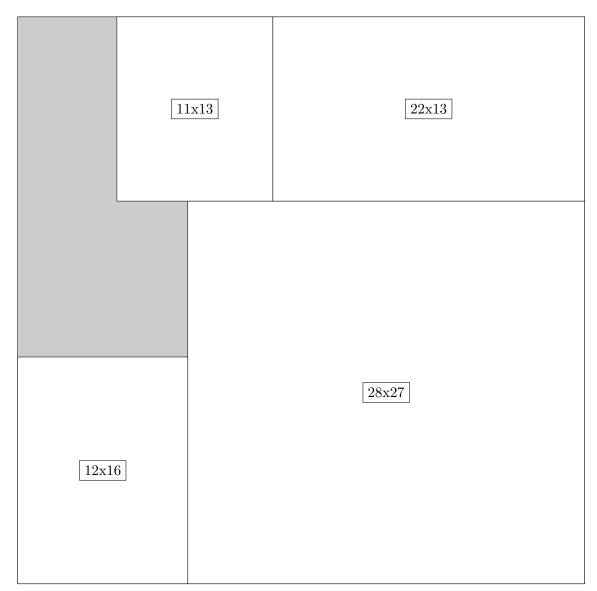
$$\mathbf{w}$$
 =27 , h =5 , x =1 , y =33 , v =135



$$\begin{array}{l} w = 23 \ , \ h = 21 \ , \ x = 17 \ , \ y = 0 \ , \ v = 483 \\ w = 17 \ , \ h = 15 \ , \ x = 0 \ , \ y = 0 \ , \ v = 255 \\ w = 32 \ , \ h = 19 \ , \ x = 8 \ , \ y = 21 \ , \ v = 608 \end{array}$$



 $\begin{array}{l} w = 23 \ , \ h = 32 \ , \ x = 17 \ , \ y = 0 \ , \ v = 736 \\ w = 11 \ , \ h = 31 \ , \ x = 6 \ , \ y = 0 \ , \ v = 341 \\ w = 5 \ , \ h = 32 \ , \ x = 1 \ , \ y = 0 \ , \ v = 160 \end{array}$ 

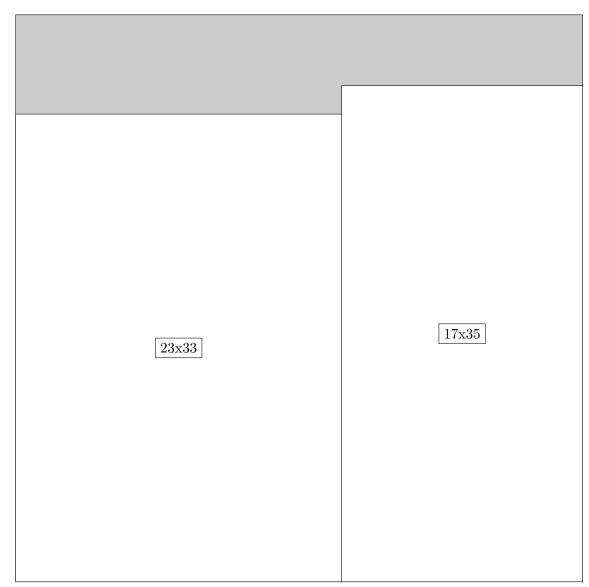


$$\le 28$$
 ,  $h$  =27 ,  $x$  =12 ,  $y$  =0 ,  $v$  =756

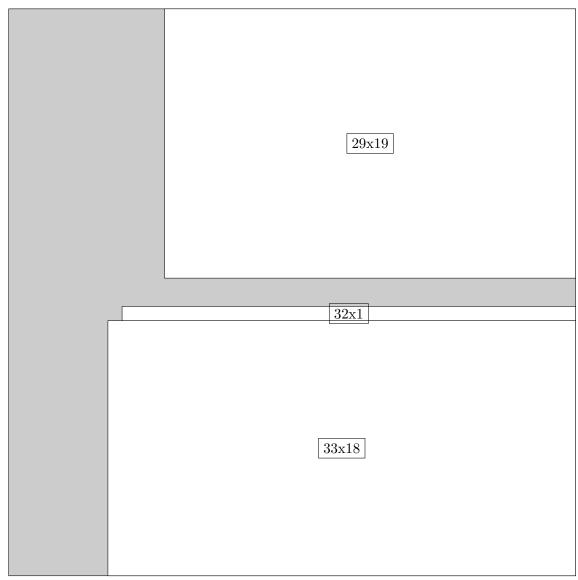
$$\le =12$$
 ,  $h=16$  ,  $x=0$  ,  $y=0$  ,  $v=192$ 

$$\le =22$$
 , h =13 , x =18 , y =27 , v =286

$$\mathbf{w}$$
 =11 , h =13 , x =7 , y =27 , v =143



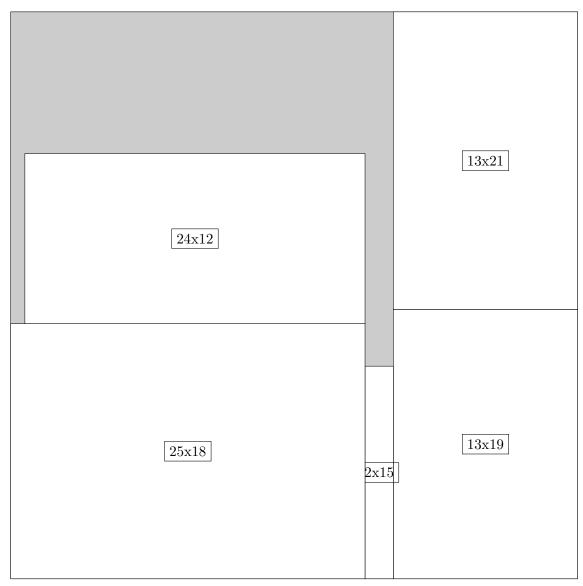
$$\begin{array}{l} w = \! 17 \ , \ h = \! 35 \ , \ x = \! 23 \ , \ y = \! 0 \ , \ v = \! 595 \\ w = \! 23 \ , \ h = \! 33 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 759 \end{array}$$



$$\le =33$$
 , h =18 , x =7 , y =0 , v =594

$$\le =32$$
 , h =1 , x =8 , y =18 , v =32

$$\le =29$$
 , h =19 , x =11 , y =21 , v =551



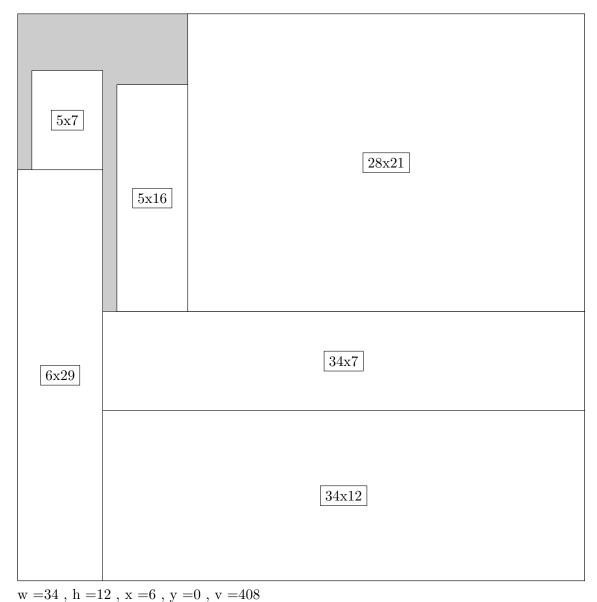
w = 13, h = 19, x = 27, y = 0, v = 247

w=2 , h =15 , x =25 , y =0 , v =30

 $\le =13$  , h =21 , x =27 , y =19 , v =273

 $\le =25$  , h=18 , x=0 , y=0 , v=450

 $\mathbf{w}$  =24 , h =12 , x =1 , y =18 , v =288



w =34, h =7, x =6, y =12, v =238 w =28, h =21, x =12, y =19, v =588 w =5, h =16, x =7, y =19, v =80 w =6, h =29, x =0, y =0, v =174

w =5 , h =7 , x =1 , y =29 , v =35