$ClassName: \ Class\_03.2bp-25$ 

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

TypeNum: <u>59</u> Num: <u>60</u> OutS: <u>19200</u> InS: <u>17703</u> Rate: <u>0.922</u> UB: <u>12</u> LB0: <u>12</u>

LBWithCut:  $\underline{12}$ NodeCut:  $\underline{0}$ 

LB: **12** 

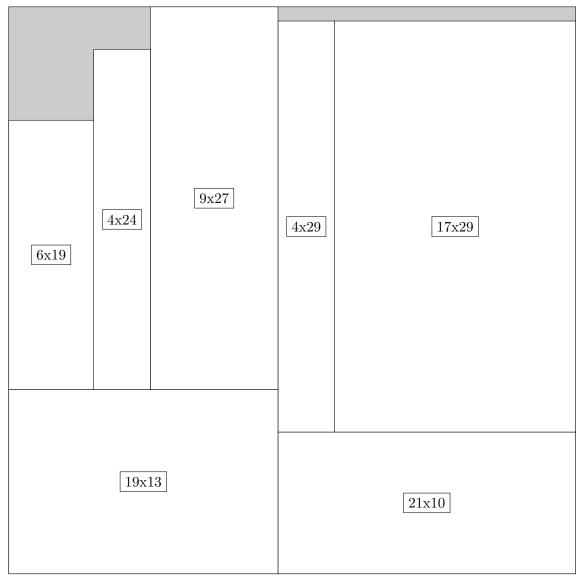
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{12}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

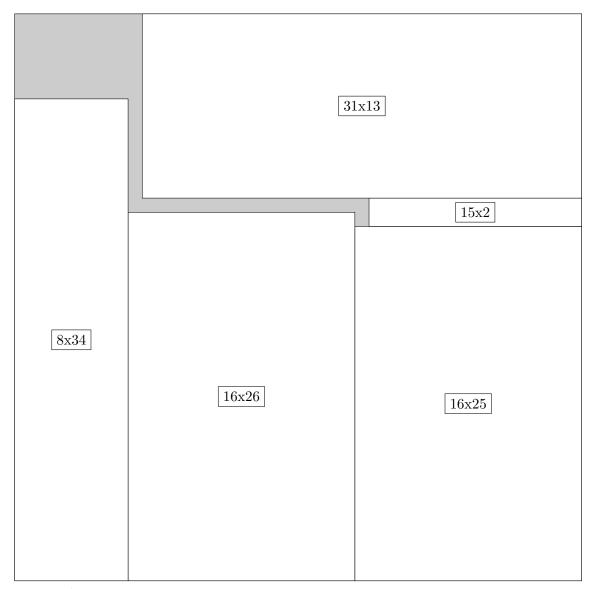
isOpt:  $\underline{\mathbf{true}}$ 

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

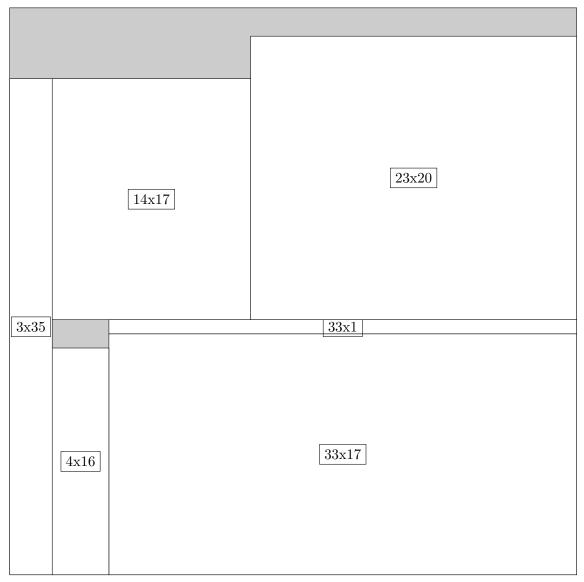
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 600.343 s



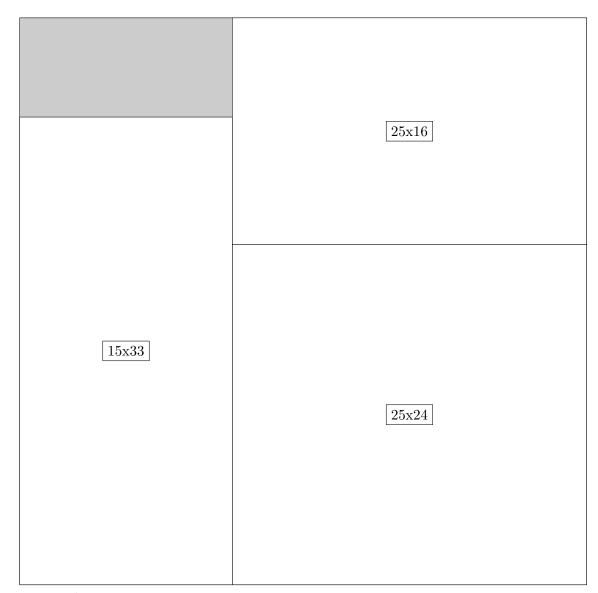
 $\begin{array}{l} w=21\;,\; h=10\;,\; x=19\;,\; y=0\;,\; v=210\\ w=17\;,\; h=29\;,\; x=23\;,\; y=10\;,\; v=493\\ w=4\;,\; h=29\;,\; x=19\;,\; y=10\;,\; v=116\\ w=19\;,\; h=13\;,\; x=0\;,\; y=0\;,\; v=247\\ w=9\;,\; h=27\;,\; x=10\;,\; y=13\;,\; v=243\\ w=4\;,\; h=24\;,\; x=6\;,\; y=13\;,\; v=96\\ w=6\;,\; h=19\;,\; x=0\;,\; y=13\;,\; v=114\\ \end{array}$ 



 $\begin{array}{l} w = \! 16 \; , \; h = \! 25 \; , \; x = \! 24 \; , \; y = \! 0 \; , \; v = \! 400 \\ w = \! 15 \; , \; h = \! 2 \; , \; x = \! 25 \; , \; y = \! 25 \; , \; v = \! 30 \\ w = \! 16 \; , \; h = \! 26 \; , \; x = \! 8 \; , \; y = \! 0 \; , \; v = \! 416 \\ w = \! 31 \; , \; h = \! 13 \; , \; x = \! 9 \; , \; y = \! 27 \; , \; v = \! 403 \\ w = \! 8 \; , \; h = \! 34 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 272 \end{array}$ 

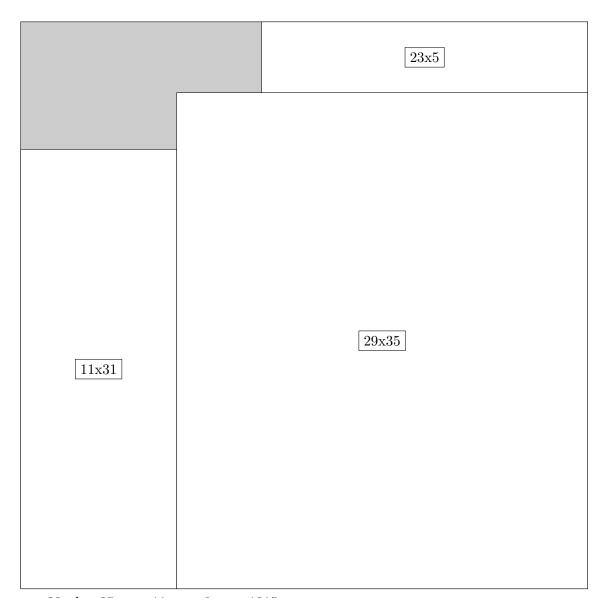


 $\begin{array}{l} w = 33 \; , \; h = 17 \; , \; x = 7 \; , \; y = 0 \; , \; v = 561 \\ w = 4 \; , \; h = 16 \; , \; x = 3 \; , \; y = 0 \; , \; v = 64 \\ w = 33 \; , \; h = 1 \; , \; x = 7 \; , \; y = 17 \; , \; v = 33 \\ w = 23 \; , \; h = 20 \; , \; x = 17 \; , \; y = 18 \; , \; v = 460 \\ w = 14 \; , \; h = 17 \; , \; x = 3 \; , \; y = 18 \; , \; v = 238 \\ w = 3 \; , \; h = 35 \; , \; x = 0 \; , \; y = 0 \; , \; v = 105 \end{array}$ 



$$\begin{array}{l} w = \! 25 \ , \ h = \! 24 \ , \ x = \! 15 \ , \ y = \! 0 \ , \ v = \! 600 \\ w = \! 25 \ , \ h = \! 16 \ , \ x = \! 15 \ , \ y = \! 24 \ , \ v = \! 400 \end{array}$$

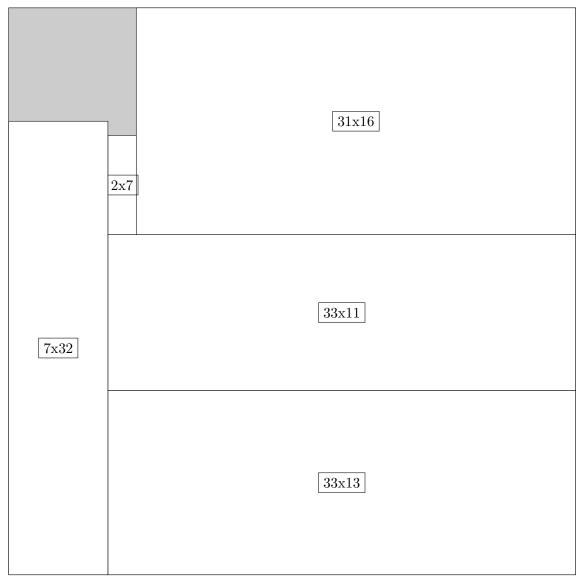
$$w = 15$$
,  $h = 33$ ,  $x = 0$ ,  $y = 0$ ,  $v = 495$ 



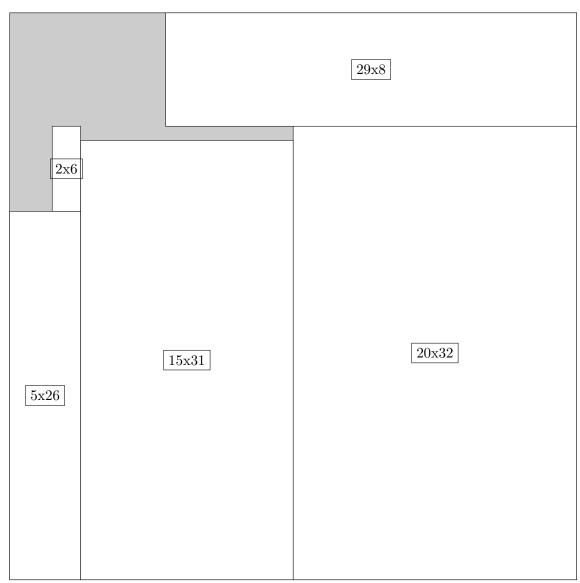
$$\le =29$$
 , h =35 , x =11 , y =0 , v =1015

$$\mathbf{w}$$
 =11 , h =31 , x =0 , y =0 , v =341

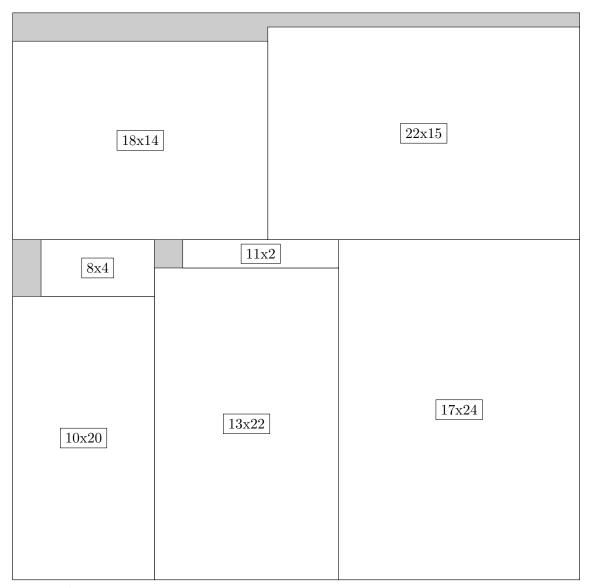
$$\le =23$$
 , h =5 , x =17 , y =35 , v =115



$$\begin{array}{l} w = \! 33 \; , \; h = \! 13 \; , \; x = \! 7 \; , \; y = \! 0 \; , \; v = \! 429 \\ w = \! 33 \; , \; h = \! 11 \; , \; x = \! 7 \; , \; y = \! 13 \; , \; v = \! 363 \\ w = \! 31 \; , \; h = \! 16 \; , \; x = \! 9 \; , \; y = \! 24 \; , \; v = \! 496 \\ w = \! 2 \; , \; h = \! 7 \; , \; x = \! 7 \; , \; y = \! 24 \; , \; v = \! 14 \\ w = \! 7 \; , \; h = \! 32 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 224 \end{array}$$



 $\begin{array}{l} w = 20 \ , \ h = 32 \ , \ x = 20 \ , \ y = 0 \ , \ v = 640 \\ w = 15 \ , \ h = 31 \ , \ x = 5 \ , \ y = 0 \ , \ v = 465 \\ w = 5 \ , \ h = 26 \ , \ x = 0 \ , \ y = 0 \ , \ v = 130 \\ w = 2 \ , \ h = 6 \ , \ x = 3 \ , \ y = 26 \ , \ v = 12 \\ w = 29 \ , \ h = 8 \ , \ x = 11 \ , \ y = 32 \ , \ v = 232 \end{array}$ 



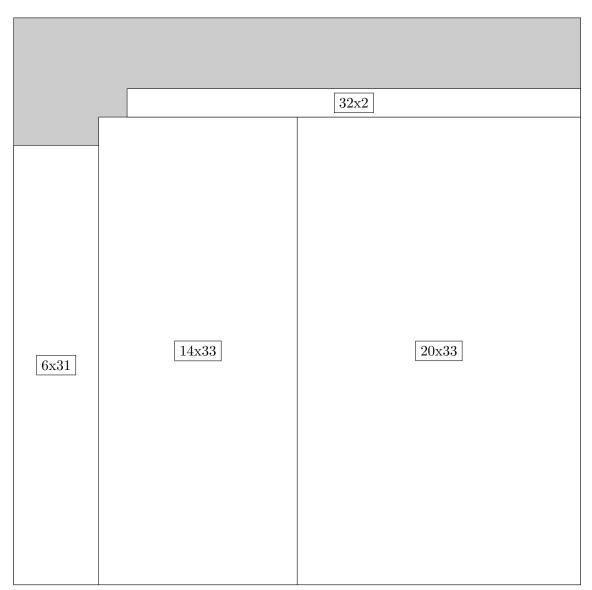
$$\le =17$$
 ,  $h=24$  ,  $x=23$  ,  $y=0$  ,  $v=408$ 

$$\le =13$$
 ,  $h$  =22 ,  $x$  =10 ,  $y$  =0 ,  $v$  =286

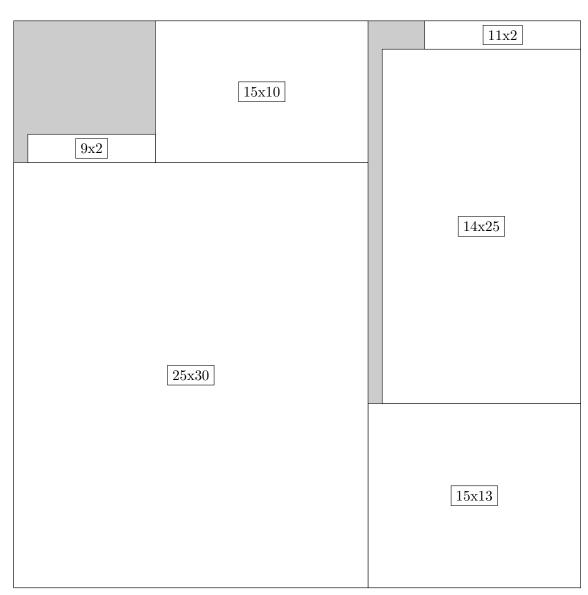
$$w = 11$$
,  $h = 2$ ,  $x = 12$ ,  $y = 22$ ,  $v = 22$ 

$$\mathbf{w}$$
 =10 , h =20 , x =0 , y =0 , v =200

$$\begin{array}{l} w = 22 \ , \ h = 15 \ , \ x = 18 \ , \ y = 24 \ , \ v = 330 \\ w = 18 \ , \ h = 14 \ , \ x = 0 \ , \ y = 24 \ , \ v = 252 \end{array}$$



 $\begin{array}{l} w=20 \ , \ h=33 \ , \ x=20 \ , \ y=0 \ , \ v=660 \\ w=14 \ , \ h=33 \ , \ x=6 \ , \ y=0 \ , \ v=462 \\ w=6 \ , \ h=31 \ , \ x=0 \ , \ y=0 \ , \ v=186 \\ w=32 \ , \ h=2 \ , \ x=8 \ , \ y=33 \ , \ v=64 \end{array}$ 



$$\le =15$$
 ,  $h$  =13 ,  $x$  =25 ,  $y$  =0 ,  $v$  =195

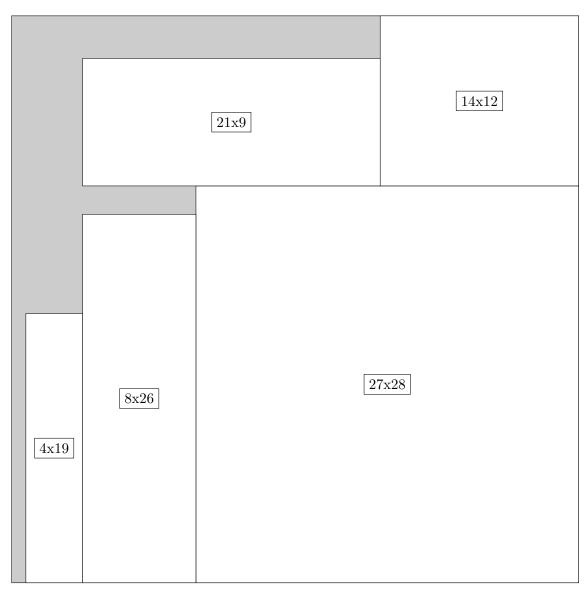
$$\le =14$$
 ,  $h=25$  ,  $x=26$  ,  $y=13$  ,  $v=350$ 

$$\le =11$$
 , h =2 , x =29 , y =38 , v =22

$$\le =25$$
 , h =30 , x =0 , y =0 , v =750

$$\le =15$$
 ,  $h$  =10 ,  $x$  =10 ,  $y$  =30 ,  $v$  =150

$$\le =9$$
 , h =2 , x =1 , y =30 , v =18

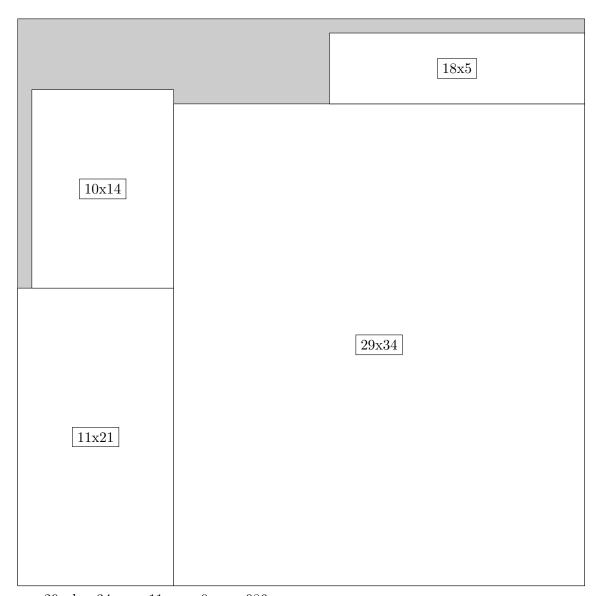


$$\begin{array}{l} w = \! 27 \; , \; h = \! 28 \; , \; x = \! 13 \; , \; y = \! 0 \; , \; v = \! 756 \\ w = \! 8 \; , \; h = \! 26 \; , \; x = \! 5 \; , \; y = \! 0 \; , \; v = \! 208 \end{array}$$

$$\mathbf{w}$$
 =4 , h =19 , x =1 , y =0 , v =76

$$\le =14$$
 ,  $h=12$  ,  $x=26$  ,  $y=28$  ,  $v=168$ 

$$w = 21$$
,  $h = 9$ ,  $x = 5$ ,  $y = 28$ ,  $v = 189$ 



$$\begin{array}{l} w=29 \ , \ h=34 \ , \ x=11 \ , \ y=0 \ , \ v=986 \\ w=18 \ , \ h=5 \ , \ x=22 \ , \ y=34 \ , \ v=90 \\ w=11 \ , \ h=21 \ , \ x=0 \ , \ y=0 \ , \ v=231 \\ w=10 \ , \ h=14 \ , \ x=1 \ , \ y=21 \ , \ v=140 \end{array}$$