$ClassName: \ Class\_03.2bp-24$ 

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

TypeNum: <u>60</u>
Num: <u>60</u>
OutS: <u>19200</u>
InS: <u>17407</u>
Rate: <u>0.907</u>
UB: <u>12</u>
LB0: <u>12</u>
LB: <u>12</u>

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

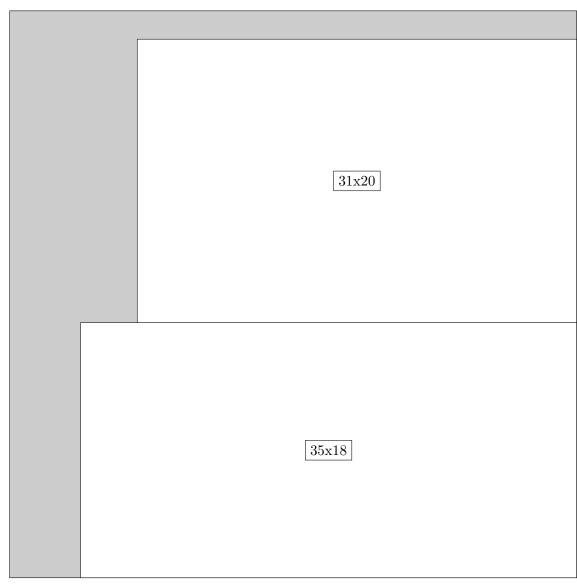
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

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

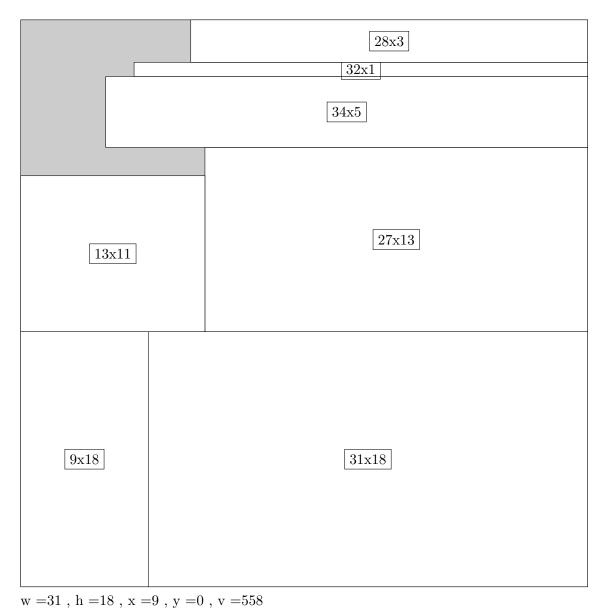
isOpt:  $\underline{\mathbf{true}}$ 

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 600.391 s

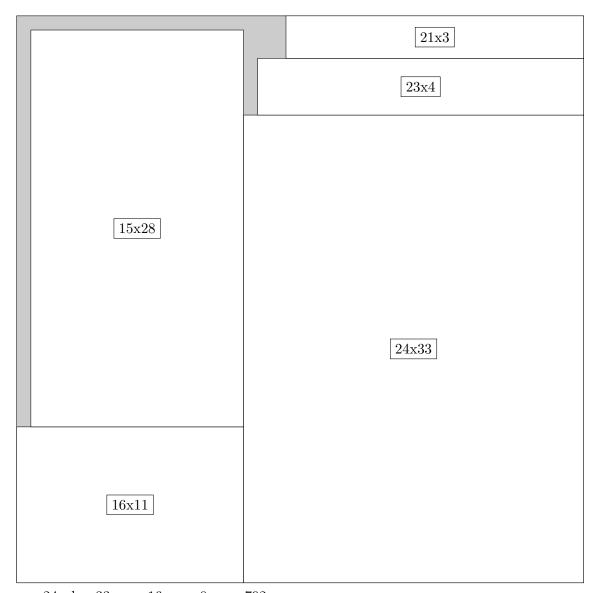


$$\begin{array}{c} w = \! 35 \; , \; h = \! 18 \; , \; x = \! 5 \; , \; y = \! 0 \; , \; v = \! 630 \\ w = \! 31 \; , \; h = \! 20 \; , \; x = \! 9 \; , \; y = \! 18 \; , \; v = \! 620 \\ \end{array}$$



$$\begin{array}{l} w = \!\! 34 \; , \; h = \!\! 5 \; , \; x = \!\! 6 \; , \; y = \!\! 31 \; , \; v = \!\! 170 \\ w = \!\! 32 \; , \; h = \!\! 1 \; , \; x = \!\! 8 \; , \; y = \!\! 36 \; , \; v = \!\! 32 \\ \end{array}$$

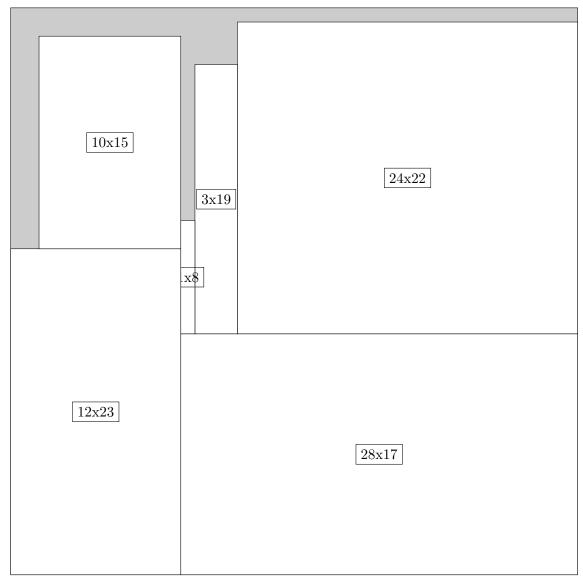
$$w = 32$$
,  $h = 1$ ,  $x = 0$ ,  $y = 30$ ,  $v = 32$   
 $w = 28$ ,  $h = 3$ ,  $x = 12$ ,  $y = 37$ ,  $v = 84$ 



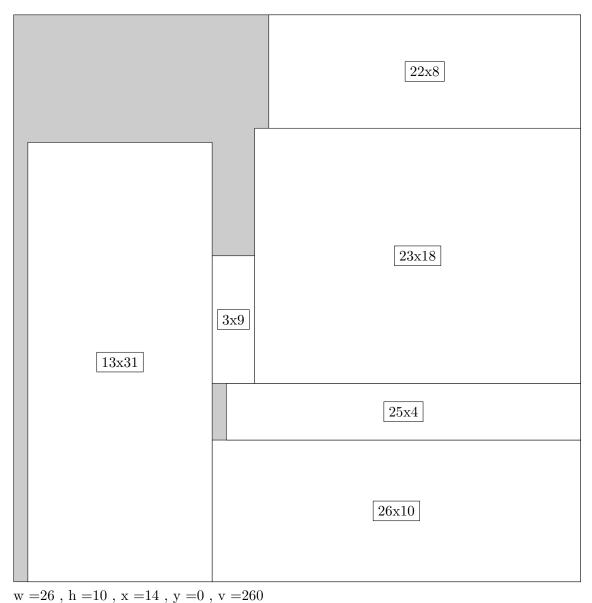
$$\begin{array}{l} w = \! 24 \; , \; h = \! 33 \; , \; x = \! 16 \; , \; y = \! 0 \; , \; v = \! 792 \\ w = \! 23 \; , \; h = \! 4 \; , \; x = \! 17 \; , \; y = \! 33 \; , \; v = \! 92 \end{array}$$

$$\le =21$$
 , h =3 , x =19 , y =37 , v =63

$$\mathbf{w}$$
 =16 , h =11 , x =0 , y =0 , v =176



$$\begin{array}{l} w=28 \;,\; h=17 \;,\; x=12 \;,\; y=0 \;,\; v=476 \\ w=24 \;,\; h=22 \;,\; x=16 \;,\; y=17 \;,\; v=528 \\ w=3 \;,\; h=19 \;,\; x=13 \;,\; y=17 \;,\; v=57 \\ w=1 \;,\; h=8 \;,\; x=12 \;,\; y=17 \;,\; v=8 \\ w=12 \;,\; h=23 \;,\; x=0 \;,\; y=0 \;,\; v=276 \\ w=10 \;,\; h=15 \;,\; x=2 \;,\; y=23 \;,\; v=150 \end{array}$$



w = 25, h = 10, x = 14, y = 0, v = 200 w = 25, h = 4, x = 15, y = 10, v = 100

 $\le =23$  , h =18 , x =17 , y =14 , v =414

w = 3, h = 9, x = 14, y = 14, v = 27

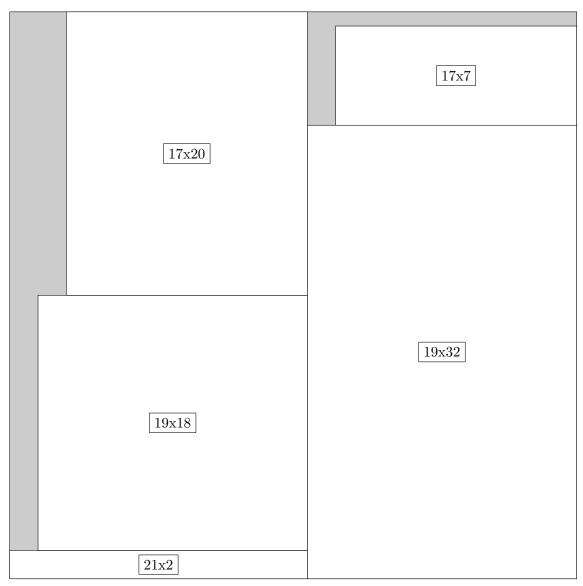
 $\le =22$  , h =8 , x =18 , y =32 , v =176

 $\le =13$  , h =31 , x =1 , y =0 , v =403

	19x9
19x30	19x31

$$\begin{array}{c} w = \! 19 \ , \ h = \! 31 \ , \ x = \! 21 \ , \ y = \! 0 \ , \ v = \! 589 \\ w = \! 19 \ , \ h = \! 30 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 570 \end{array}$$

$$w = 20$$
,  $h = 3$ ,  $x = 1$ ,  $y = 31$ ,  $v = 60$ 



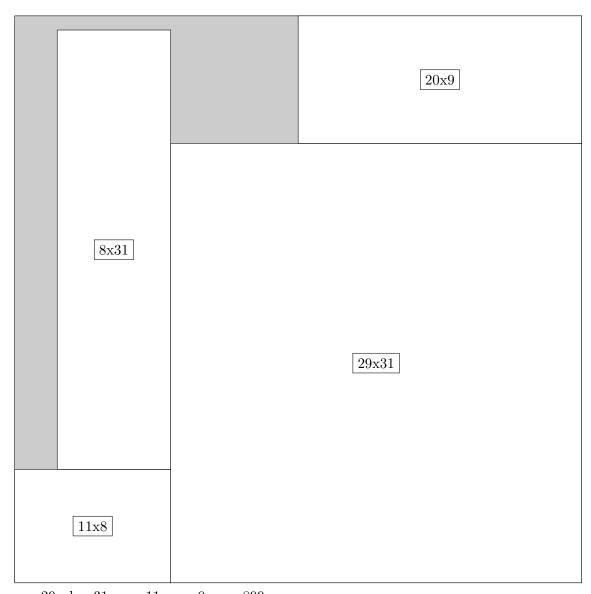
$$w=19$$
 ,  $h=32$  ,  $x=21$  ,  $y=0$  ,  $v=608$ 

$$w$$
 =17 ,  $h$  =7 ,  $x$  =23 ,  $y$  =32 ,  $v$  =119

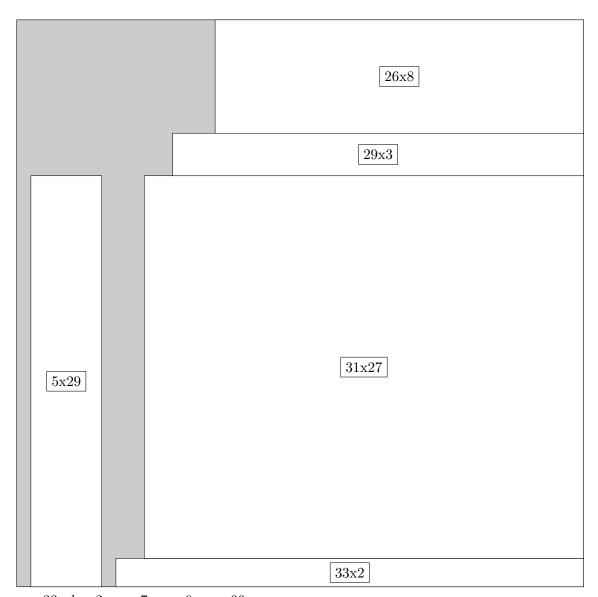
$$\mathbf{w}$$
 =21 , h =2 , x =0 , y =0 , v =42

$$\mathbf{w}$$
 =19 , h =18 , x =2 , y =2 , v =342

$$\le =17$$
 , h =20 , x =4 , y =20 , v =340



$$\begin{array}{l} w=29 \ , \ h=31 \ , \ x=11 \ , \ y=0 \ , \ v=899 \\ w=20 \ , \ h=9 \ , \ x=20 \ , \ y=31 \ , \ v=180 \\ w=11 \ , \ h=8 \ , \ x=0 \ , \ y=0 \ , \ v=88 \\ w=8 \ , \ h=31 \ , \ x=3 \ , \ y=8 \ , \ v=248 \end{array}$$

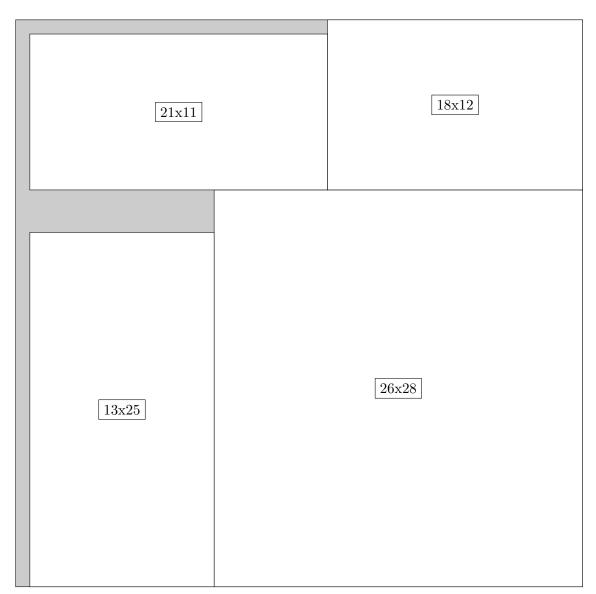


$$\begin{array}{c} w = \!\! 33 \; , \; h = \!\! 2 \; , \; x = \!\! 7 \; , \; y = \!\! 0 \; , \; v = \!\! 66 \\ w = \!\! 31 \; , \; h = \!\! 27 \; , \; x = \!\! 9 \; , \; y = \!\! 2 \; , \; v = \!\! 837 \end{array}$$

$$\le =29$$
 , h =3 , x =11 , y =29 , v =87

$$\le =26$$
 , h =8 , x =14 , y =32 , v =208

$$\le 5$$
 , h =29 , x =1 , y =0 , v =145

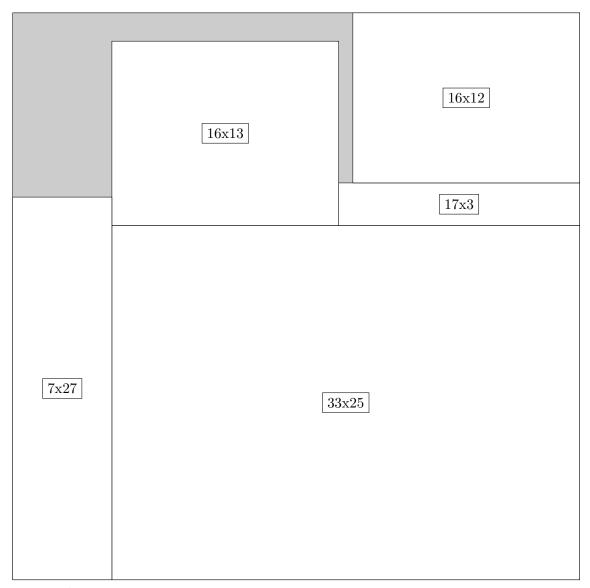


$$w = 26$$
,  $h = 28$ ,  $x = 14$ ,  $y = 0$ ,  $v = 728$ 

$$\le =13$$
 , h =25 , x =1 , y =0 , v =325

$$\le =18$$
 , h =12 , x =22 , y =28 , v =216

$$\mathbf{w}$$
 =21 , h =11 , x =1 , y =28 , v =231



$$\le =33$$
 , h =25 , x =7 , y =0 , v =825

$$\le =17$$
 , h =3 , x =23 , y =25 , v =51

$$\mathbf{w}$$
 =16 , h =12 , x =24 , y =28 , v =192

$$\mathbf{w}$$
 =16 , h =13 , x =7 , y =25 , v =208

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

4x6 2x7		33x7	
4x32	17x33		0x33

 $\begin{array}{l} w=19\;,\; h=33\;,\; x=21\;,\; y=0\;,\; v=627\\ w=17\;,\; h=33\;,\; x=4\;,\; y=0\;,\; v=561\\ w=4\;,\; h=32\;,\; x=0\;,\; y=0\;,\; v=128\\ w=33\;,\; h=7\;,\; x=7\;,\; y=33\;,\; v=231\\ w=2\;,\; h=7\;,\; x=5\;,\; y=33\;,\; v=14\\ w=4\;,\; h=6\;,\; x=1\;,\; y=33\;,\; v=24\\ \end{array}$