$ClassName: \ Class\_10.2bp-21$ 

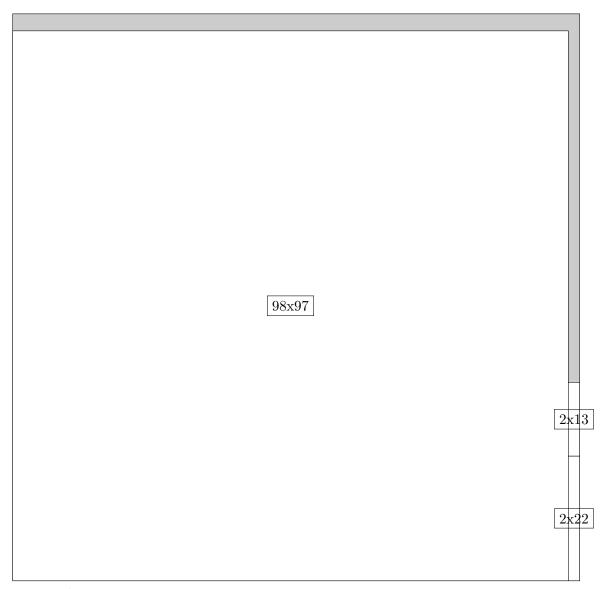
BinSize:  $\underline{100 \times 100}$ ReduceSize:  $\underline{100 \times 100}$ 

TypeNum: <u>59</u>
Num: <u>60</u>
OutS: <u>120000</u>
InS: <u>108960</u>
Rate: <u>0.908</u>
UB: <u>12</u>
LB0: <u>12</u>
LB: <u>12</u>

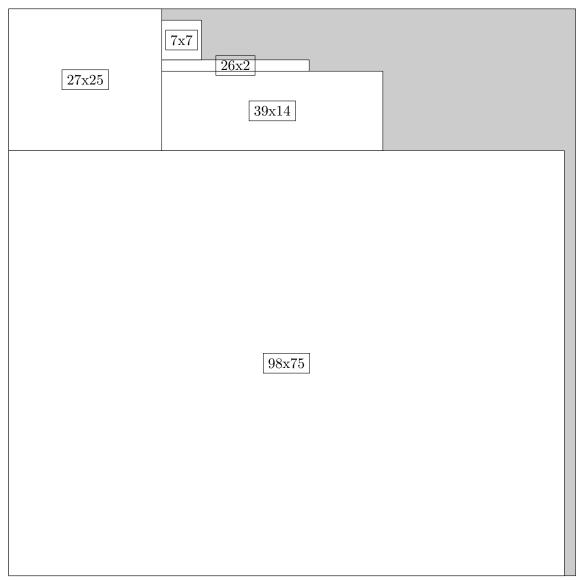
LBWithCut:  $\underline{12}$ NodeCut:  $\underline{0}$ PrimalNode:  $\underline{0}$ ColumnCount:  $\underline{12}$ TotalCutCount:  $\underline{0}$ RootCutCount:  $\underline{0}$ LPSolverCnt:  $\underline{1}$ PricingSolverCnt:  $\underline{0}$ BranchAndBoundNum:  $\underline{1}$ 

isOpt: **true** 

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.067 sTotalTime: 0.118 s



$$\begin{array}{l} w = \! 98 \; , \; h = \! 97 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 9506 \\ w = \! 2 \; , \; h = \! 22 \; , \; x = \! 98 \; , \; y = \! 0 \; , \; v = \! 44 \\ w = \! 2 \; , \; h = \! 13 \; , \; x = \! 98 \; , \; y = \! 22 \; , \; v = \! 26 \end{array}$$



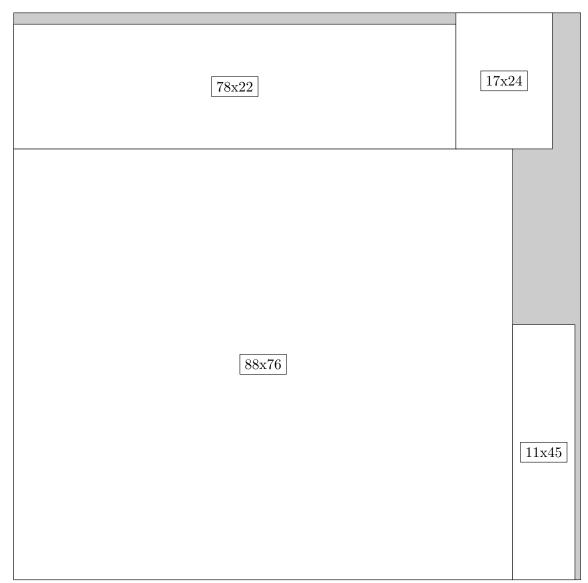
$$\mathbf{w}$$
 =98 , h =75 , x =0 , y =0 , v =7350

$$\le =27$$
 ,  $h=25$  ,  $x=0$  ,  $y=75$  ,  $v=675$ 

$$\le =39$$
 , h =14 , x =27 , y =75 , v =546

$$\le =26$$
 , h =2 , x =27 , y =89 , v =52

$$w$$
 =7 ,  $h$  =7 ,  $x$  =27 ,  $y$  =91 ,  $v$  =49

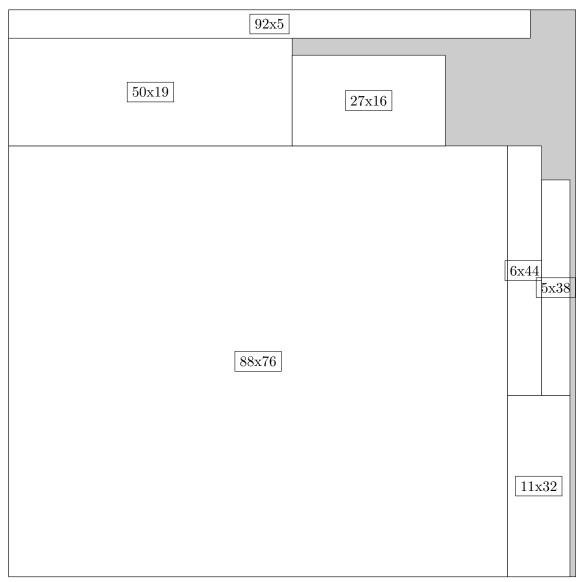


$$\le =88$$
 ,  $h$  =76 ,  $x$  =0 ,  $y$  =0 ,  $v$  =6688

$$\le -78$$
 , h =22 , x =0 , y =76 , v =1716

$$\le =11$$
 , h =45 , x =88 , y =0 , v =495

$$w=\!17$$
 ,  $h=\!24$  ,  $x=\!78$  ,  $y=\!76$  ,  $v=\!408$ 



$$w = 88$$
,  $h = 76$ ,  $x = 0$ ,  $y = 0$ ,  $v = 6688$ 

$$\le =50$$
 ,  $h$  =19 ,  $x$  =0 ,  $y$  =76 ,  $v$  =950

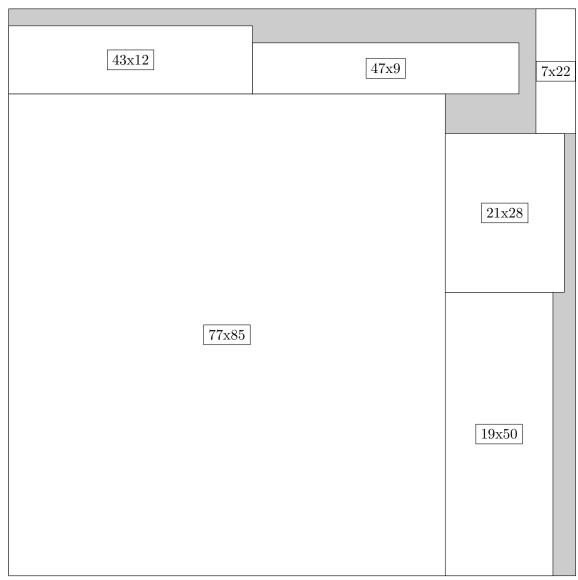
$$\le =92$$
 , h =5 , x =0 , y =95 , v =460

$$\le =27$$
 , h =16 , x =50 , y =76 , v =432

$$w$$
 =11 , h =32 , x =88 , y =0 , v =352

$$\mathbf{w}$$
 =6 , h =44 , x =88 , y =32 , v =264

$$w$$
 =5 , h =38 , x =94 , y =32 , v =190



$$\le =19$$
 ,  $h=50$  ,  $x=77$  ,  $y=0$  ,  $v=950$ 

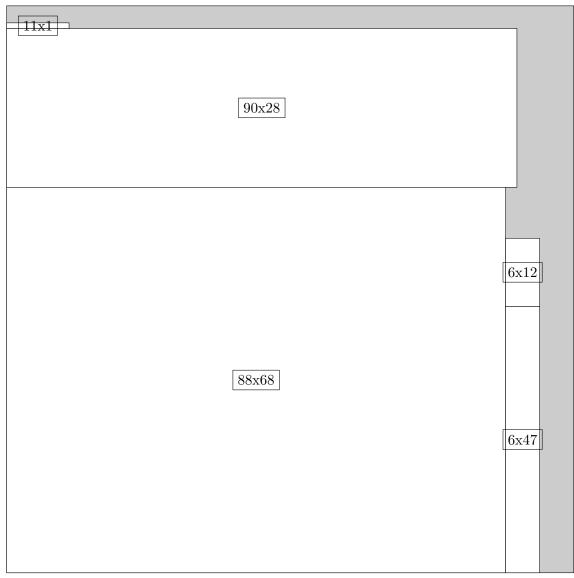
$$\le =77$$
 , h =85 , x =0 , y =0 , v =6545

$$\le =21$$
 , h =28 , x =77 , y =50 , v =588

$$\le =43$$
 ,  $h$  =12 ,  $x$  =0 ,  $y$  =85 ,  $v$  =516

$$\le =47$$
 , h =9 , x =43 , y =85 , v =423

$$w$$
 =7 ,  $h$  =22 ,  $x$  =93 ,  $y$  =78 ,  $v$  =154



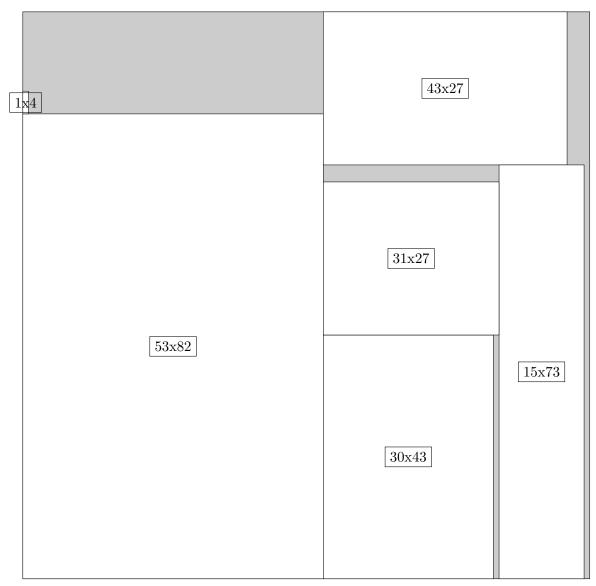
$$\mathbf{w}$$
 =88 , h =68 , x =0 , y =0 , v =5984

$$\le =90$$
 , h =28 , x =0 , y =68 , v =2520

$$\mathbf{w}$$
 =6 , h =47 , x =88 , y =0 , v =282

$$\mathbf{w}$$
 =6 , h =12 , x =88 , y =47 , v =72

$$\mathbf{w}$$
 =11 , h =1 , x =0 , y =96 , v =11



$$w = 53$$
,  $h = 82$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4346$ 

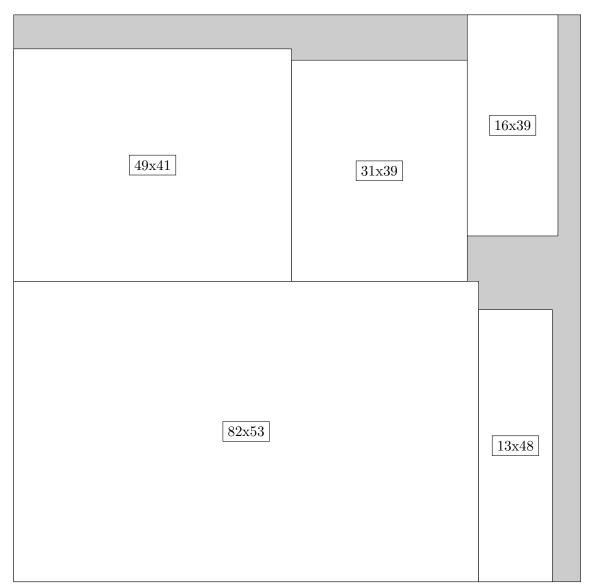
$$\le =30$$
 , h =43 , x =53 , y =0 , v =1290

$$w = 43$$
,  $h = 27$ ,  $x = 53$ ,  $y = 73$ ,  $v = 1161$ 

$$\le =15$$
 , h =73 , x =84 , y =0 , v =1095

$$\le =31$$
 , h =27 , x =53 , y =43 , v =837

$$\mathbf{w}$$
 =1 , h =4 , x =0 , y =82 , v =4



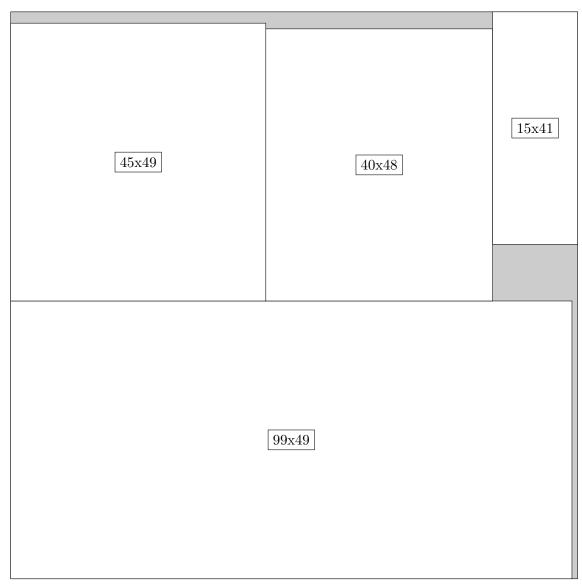
$$w = 82$$
,  $h = 53$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4346$ 

$$\le =31$$
 , h =39 , x =49 , y =53 , v =1209

$$\le =49$$
 , h =41 , x =0 , y =53 , v =2009

$$\le =13$$
 ,  $h=48$  ,  $x=82$  ,  $y=0$  ,  $v=624$ 

$$\mathbf{w}$$
 =16 , h =39 , x =80 , y =61 , v =624

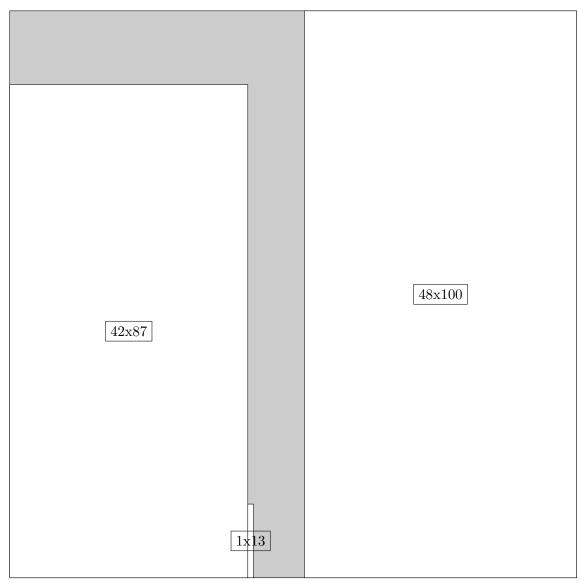


$$\le =99$$
 , h =49 , x =0 , y =0 , v =4851

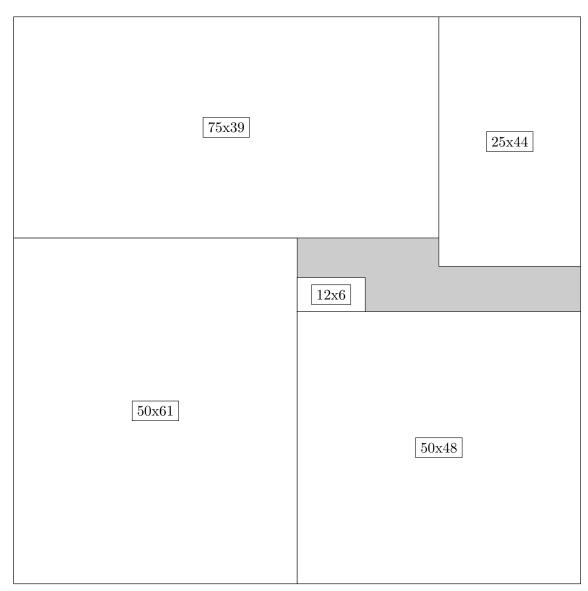
$$\le =45$$
 , h =49 , x =0 , y =49 , v =2205

$$\le =40$$
 , h =48 , x =45 , y =49 , v =1920

$$w$$
 =15 , h =41 , x =85 , y =59 , v =615



 $\begin{array}{l} w = \! 48 \ , \ h = \! 100 \ , \ x = \! 52 \ , \ y = \! 0 \ , \ v = \! 4800 \\ w = \! 42 \ , \ h = \! 87 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3654 \\ w = \! 1 \ , \ h = \! 13 \ , \ x = \! 42 \ , \ y = \! 0 \ , \ v = \! 13 \end{array}$ 



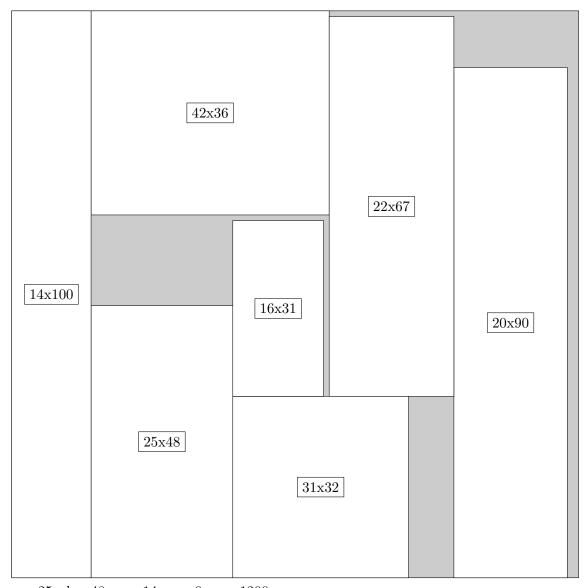
$$\mathbf{w}$$
 =50 , h =61 , x =0 , y =0 , v =3050

$$\le =75$$
 , h =39 , x =0 , y =61 , v =2925

$$w$$
 =50 ,  $h$  =48 ,  $x$  =50 ,  $y$  =0 ,  $v$  =2400

$$\le =25$$
 , h =44 , x =75 , y =56 , v =1100

$$\le =12$$
 ,  $h$  =6 ,  $x$  =50 ,  $y$  =48 ,  $v$  =72



$$\le =25$$
 , h =48 , x =14 , y =0 , v =1200

$$w$$
 =20 ,  $h$  =90 ,  $x$  =78 ,  $y$  =0 ,  $v$  =1800

$$\le =42$$
 , h =36 , x =14 , y =64 , v =1512

$$\le =22$$
 ,  $h=67$  ,  $x=56$  ,  $y=32$  ,  $v=1474$ 

$$\mathbf{w}$$
 =14 , h =100 , x =0 , y =0 , v =1400

$$\le =31$$
 , h =32 , x =39 , y =0 , v =992

$$w=\!16$$
 ,  $h=\!31$  ,  $x=\!39$  ,  $y=\!32$  ,  $v=\!496$