$ClassName: \ Class\_05.2bp-26$ 

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>140000</u> InS: <u>124587</u> Rate: <u>0.890</u> UB: <u>14</u> LB0: <u>14</u> LB: <u>14</u>

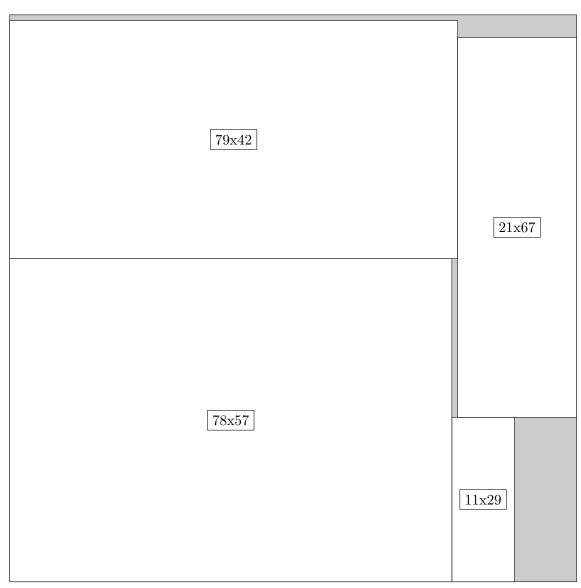
LBWithCut:  $\underline{\mathbf{14}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{14}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.140 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.281 \ s} \end{array}$ 

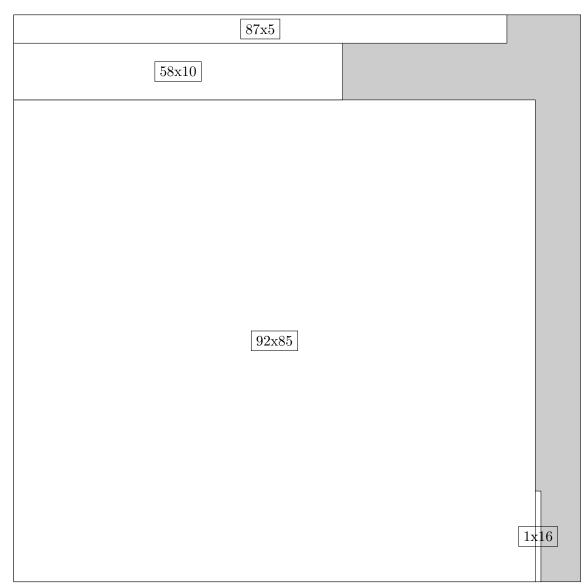


$$w = 11$$
 ,  $h = 29$  ,  $x = 78$  ,  $y = 0$  ,  $v = 319$ 

$$\le -78$$
 , h =57 , x =0 , y =0 , v =4446

$$\le =79$$
 , h =42 , x =0 , y =57 , v =3318

$$\le =21$$
 ,  $h=67$  ,  $x=79$  ,  $y=29$  ,  $v=1407$ 



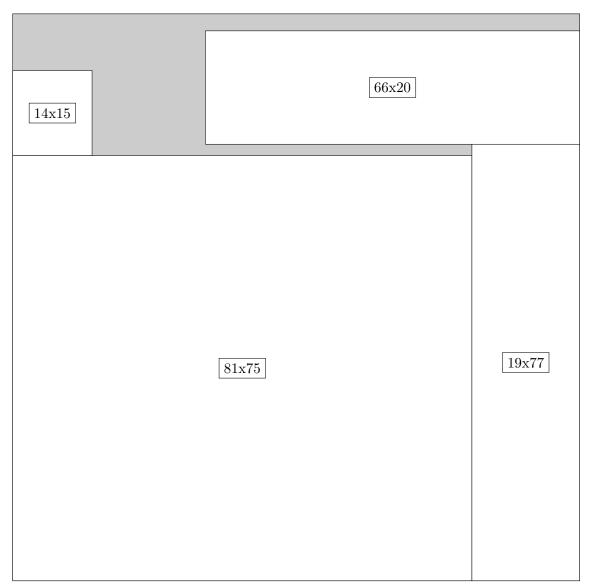
$$\begin{array}{l} w = 92 \ , \ h = \!\! 85 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 7820 \\ w = \!\! 58 \ , \ h = \!\! 10 \ , \ x = \!\! 0 \ , \ y = \!\! 85 \ , \ v = \!\! 580 \\ w = \!\! 87 \ , \ h = \!\! 5 \ , \ x = \!\! 0 \ , \ y = \!\! 95 \ , \ v = \!\! 435 \\ w = \!\! 1 \ , \ h = \!\! 16 \ , \ x = \!\! 92 \ , \ y = \!\! 0 \ , \ v = \!\! 16 \end{array}$$

46x21	37x22	
$\boxed{94\text{x}78}$		
		6x40

$$\begin{array}{c} w = \! 94 \; , \; h = \! 78 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 7332 \\ w = \! 46 \; , \; h = \! 21 \; , \; x = \! 0 \; , \; y = \! 78 \; , \; v = \! 966 \\ \end{array}$$

$$\le =37$$
 , h =22 , x =46 , y =78 , v =814

$$\mathbf{w}$$
 =6 , h =40 , x =94 , y =0 , v =240

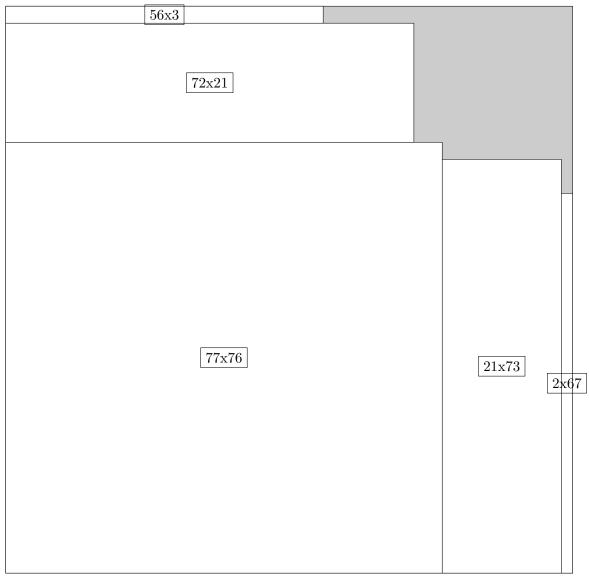


$$\le =81$$
 , h =75 , x =0 , y =0 , v =6075

$$\le =19$$
 ,  $h=77$  ,  $x=\!81$  ,  $y=\!0$  ,  $v=\!1463$ 

$$\le =66$$
 , h =20 , x =34 , y =77 , v =1320

$$\mathbf{w}$$
 =14 , h =15 , x =0 , y =75 , v =210



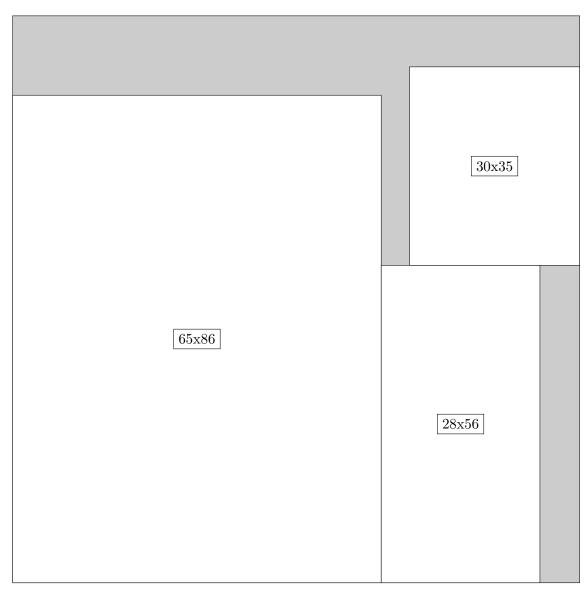
$$\mathbf{w}$$
 =77 , h =76 , x =0 , y =0 , v =5852

$$\le =21$$
 ,  $h$  =73 ,  $x$  =77 ,  $y$  =0 ,  $v$  =1533

$$w$$
 =72 ,  $h$  =21 ,  $x$  =0 ,  $y$  =76 ,  $v$  =1512

$$\le =56$$
 , h =3 , x =0 , y =97 , v =168

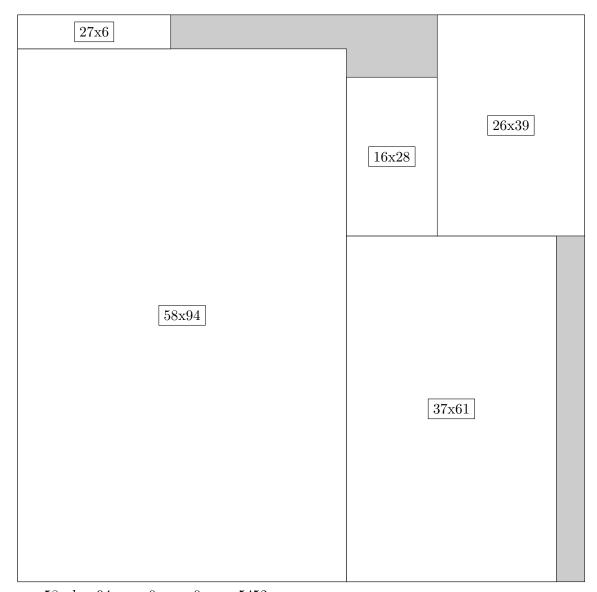
$$\mathbf{w}$$
 =2 , h =67 , x =98 , y =0 , v =134



$$\le =65$$
 , h =86 , x =0 , y =0 , v =5590

$$\le =28$$
 ,  $h$  =56 ,  $x$  =65 ,  $y$  =0 ,  $v$  =1568

$$\le =30$$
 , h =35 , x =70 , y =56 , v =1050



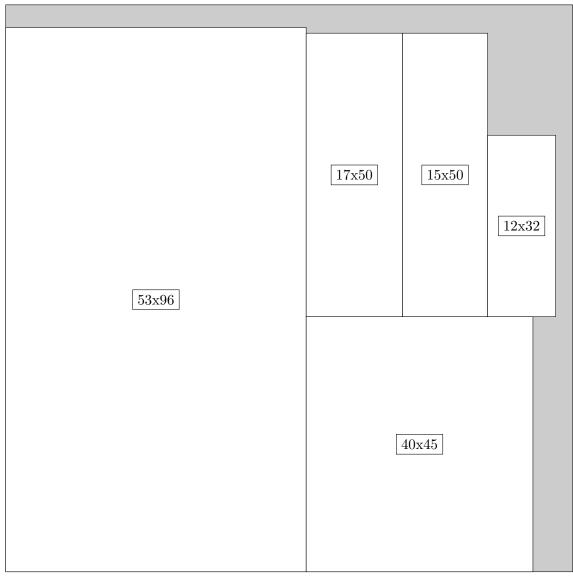
$$\le =58$$
 , h =94 , x =0 , y =0 , v =  
5452

$$\le =37$$
 ,  $h$  =61 ,  $x$  =58 ,  $y$  =0 ,  $v$  =2257

$$\le =26$$
 , h =39 , x =74 , y =61 , v =1014

$$\mathbf{w}$$
 =16 , h =28 , x =58 , y =61 , v =448

$$w = 27$$
,  $h = 6$ ,  $x = 0$ ,  $y = 94$ ,  $v = 162$ 



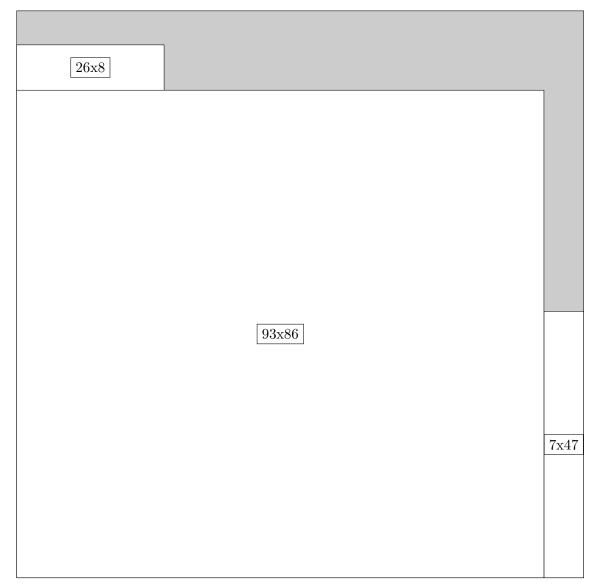
$$w = 53$$
,  $h = 96$ ,  $x = 0$ ,  $y = 0$ ,  $v = 5088$ 

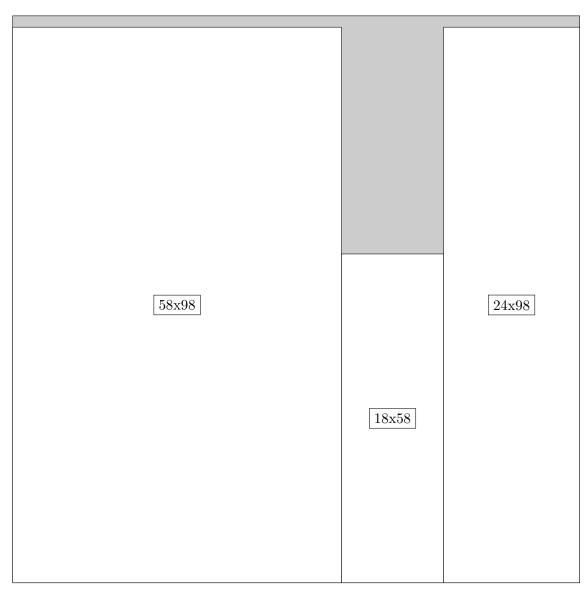
$$\le =40$$
 ,  $h=\!45$  ,  $x=\!53$  ,  $y=\!0$  ,  $v=\!1800$ 

$$\le =17$$
 ,  $h$  =50 ,  $x$  =53 ,  $y$  =45 ,  $v$  =850

$$w$$
 =15 ,  $h$  =50 ,  $x$  =70 ,  $y$  =45 ,  $v$  =750

$$w = 12$$
,  $h = 32$ ,  $x = 85$ ,  $y = 45$ ,  $v = 384$ 

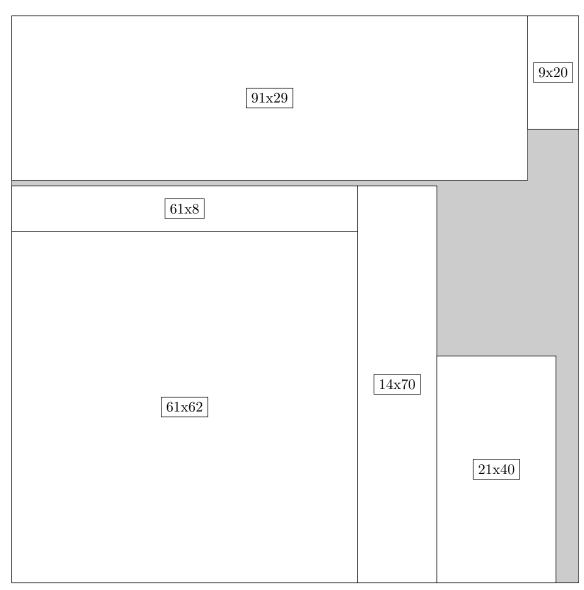




w = 58, h = 98, x = 0, y = 0, v = 5684

 $\le =24$  , h =98 , x =76 , y =0 , v =2352

 $\mathbf{w}$  =18 , h =58 , x =58 , y =0 , v =1044



$$\mathbf{w}$$
 =61 , h =62 , x =0 , y =0 , v =3782

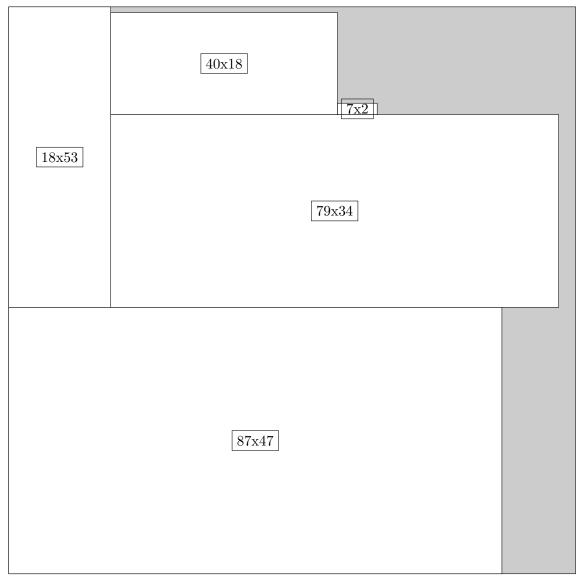
$$\le =91$$
 , h =29 , x =0 , y =71 , v =2639

$$\mathbf{w}$$
 =14 , h =70 , x =61 , y =0 , v =980

$$\le =21$$
 ,  $h=40$  ,  $x=75$  ,  $y=0$  ,  $v=840$ 

$$\mathbf{w}$$
 =61 , h =8 , x =0 , y =62 , v =488

$$w=9$$
 ,  $h=\!20$  ,  $x=\!91$  ,  $y=\!80$  ,  $v=\!180$ 



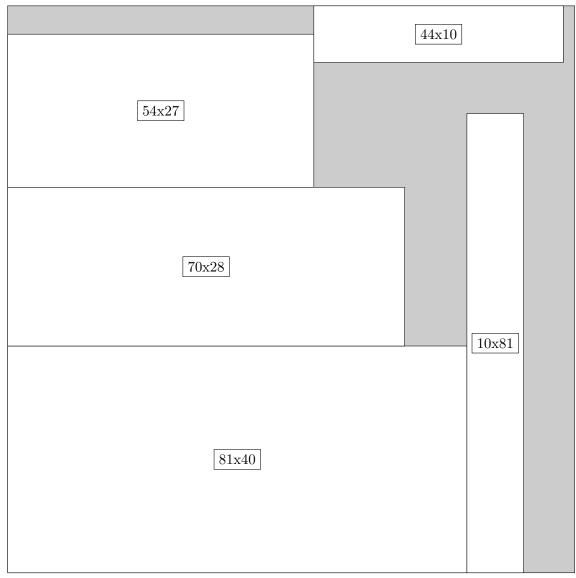
$$w = 87$$
,  $h = 47$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4089$ 

$$\le =79$$
 , h =34 , x =18 , y =47 , v =2686

$$w=\!18$$
 ,  $h=\!53$  ,  $x=\!0$  ,  $y=\!47$  ,  $v=\!954$ 

$$\le =40$$
 ,  $h$  =18 ,  $x$  =18 ,  $y$  =81 ,  $v$  =720

$$w = 7$$
,  $h = 2$ ,  $x = 58$ ,  $y = 81$ ,  $v = 14$ 



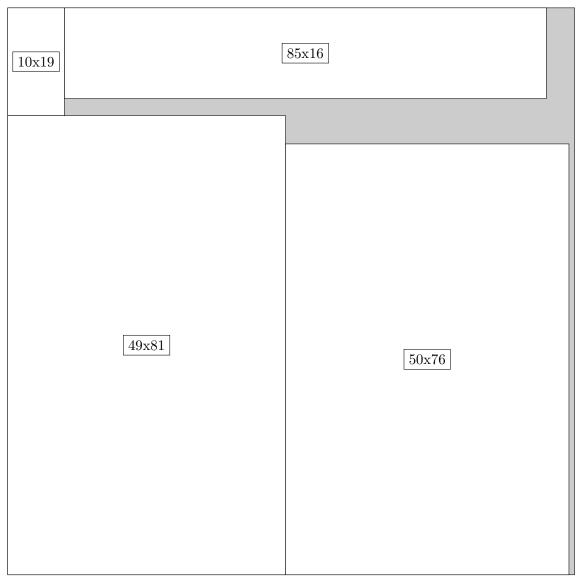
$$w = 81$$
,  $h = 40$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3240$ 

$$\le =70$$
 , h =28 , x =0 , y =40 , v =1960

$$\le 54$$
 , h =  
27 , x =0 , y =  
68 , v =  
1458

$$\mathbf{w}$$
 =10 , h =81 , x =81 , y =0 , v =810

$$\mathbf{w}$$
 =44 , h =10 , x =54 , y =90 , v =440



$$\le =49$$
 , h =81 , x =0 , y =0 , v =3969

$$\le =50$$
 , h =  
76 , x =  
49 , y =  
0 , v =  
3800

$$\le =85$$
 ,  $h$  =16 ,  $x$  =10 ,  $y$  =84 ,  $v$  =1360

$$\mathbf{w}$$
 =10 , h =19 , x =0 , y =81 , v =190