$ClassName: \ Class\_08.2bp-13$ 

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

TypeNum: <u>40</u>
Num: <u>40</u>
OutS: <u>120000</u>
InS: <u>99739</u>
Rate: <u>0.831</u>
UB: <u>12</u>
LB0: <u>12</u>
LB: <u>12</u>

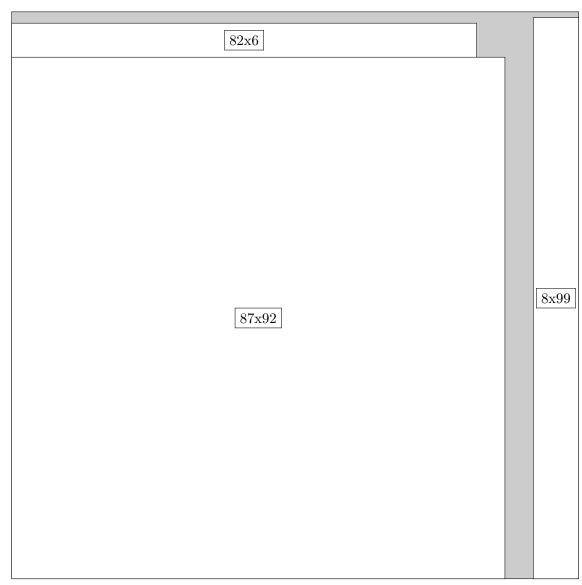
LBWithCut:  $\underline{\mathbf{12}}$ NodeCut:  $\underline{\mathbf{0}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{12}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$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

isOpt: **true** 

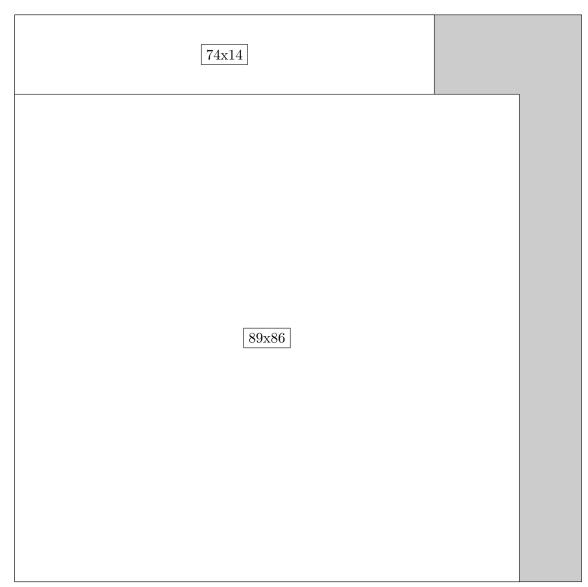
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 0.110 s

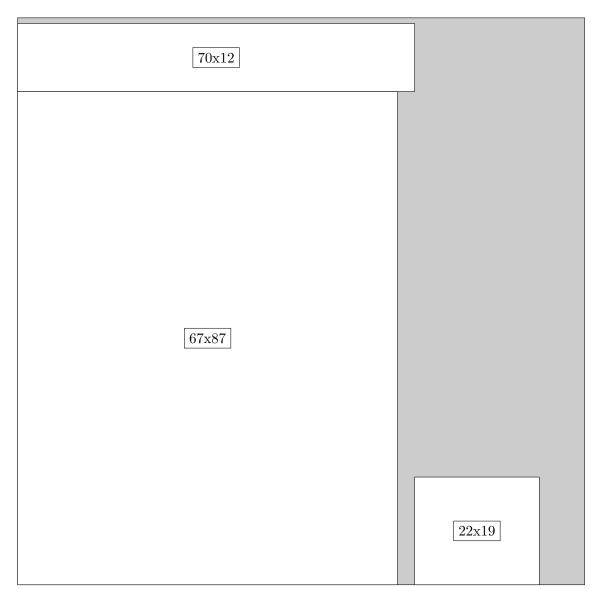


w = 99, h = 97, x = 0, y = 0, v = 9603

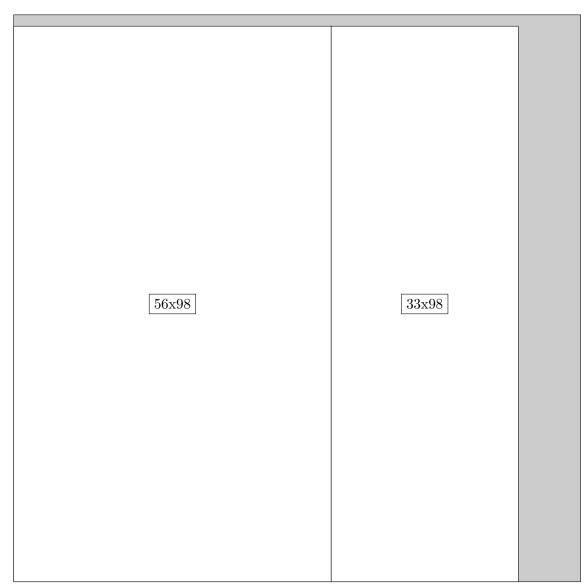


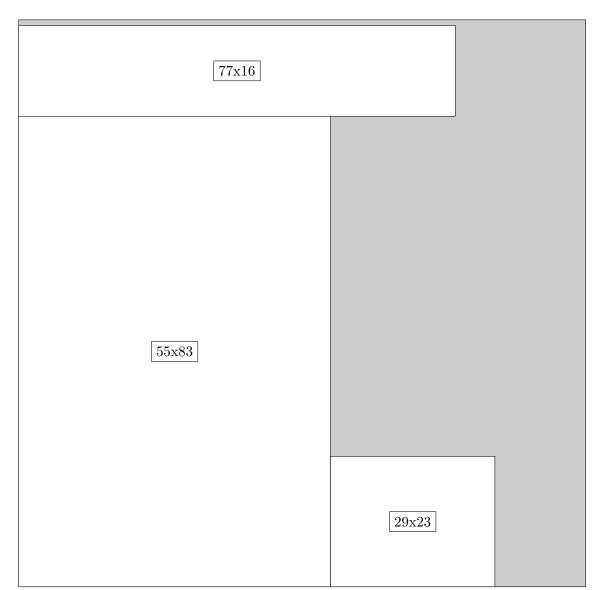
 $\begin{array}{l} w = \! 87 \; , \; h = \! 92 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8004 \\ w = \! 8 \; , \; h = \! 99 \; , \; x = \! 92 \; , \; y = \! 0 \; , \; v = \! 792 \\ w = \! 82 \; , \; h = \! 6 \; , \; x = \! 0 \; , \; y = \! 92 \; , \; v = \! 492 \end{array}$ 





$$\begin{array}{l} w = \! 67 \; , \; h = \! 87 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 5829 \\ w = \! 70 \; , \; h = \! 12 \; , \; x = \! 0 \; , \; y = \! 87 \; , \; v = \! 840 \\ w = \! 22 \; , \; h = \! 19 \; , \; x = \! 70 \; , \; y = \! 0 \; , \; v = \! 418 \end{array}$$

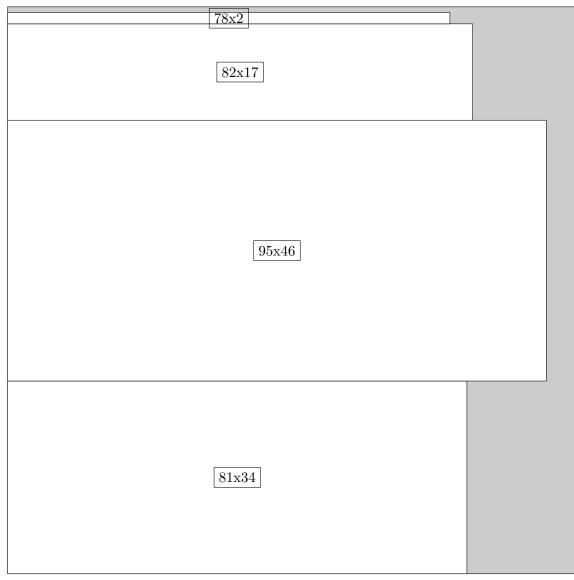




$$\le -55$$
 , h =  
83 , x =  
0 , y =  
0 , v =  
4565

$$\le =77$$
 , h =16 , x =0 , y =83 , v =1232

$$\le =29$$
 , h =23 , x =55 , y =0 , v =667

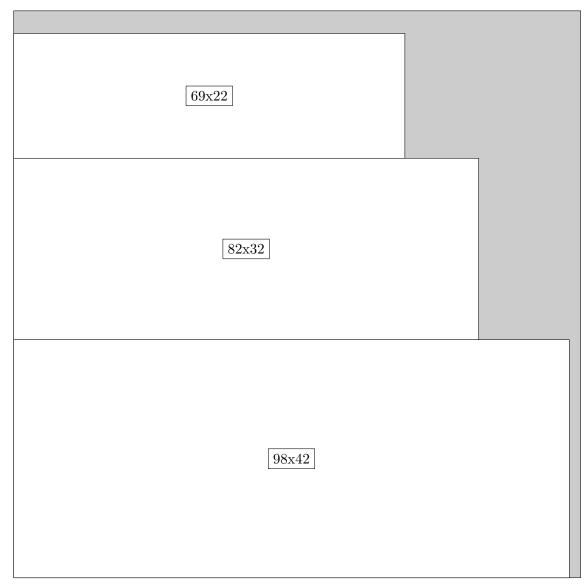


$$\le =81$$
 ,  $h=34$  ,  $x=0$  ,  $y=0$  ,  $v=2754$ 

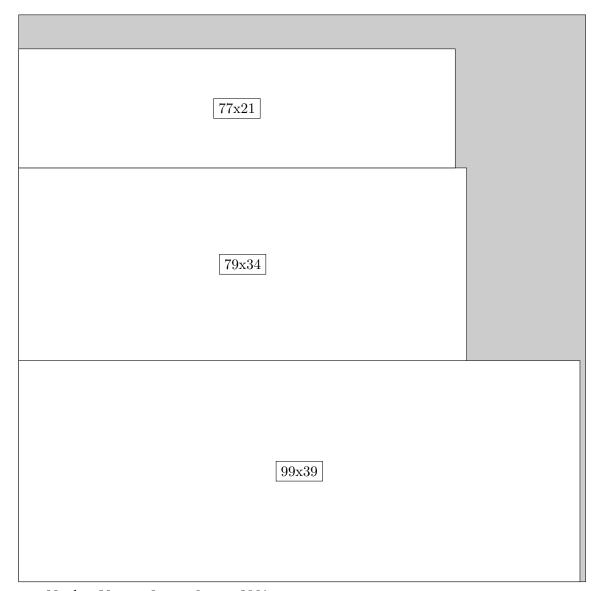
$$\le =95$$
 , h =46 , x =0 , y =34 , v =4370

$$\le =82$$
 ,  $h$  =17 ,  $x$  =0 ,  $y$  =80 ,  $v$  =1394

$$\le -78$$
 , h =2 , x =0 , y =97 , v =156

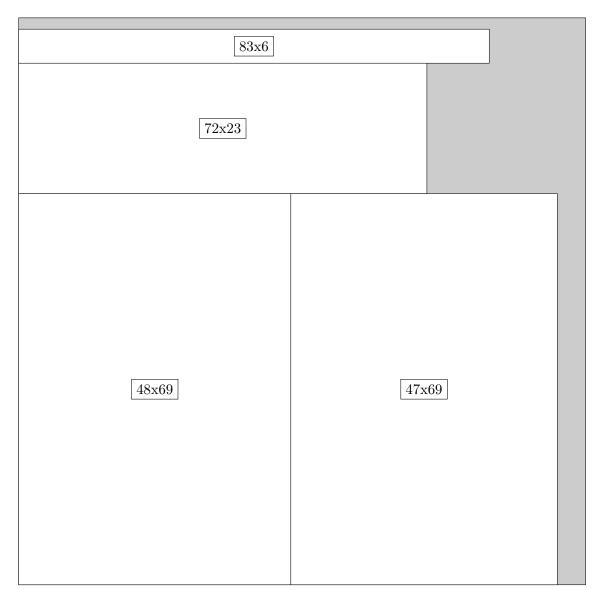


$$\begin{array}{l} w = \! 98 \ , \ h = \! 42 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4116 \\ w = \! 82 \ , \ h = \! 32 \ , \ x = \! 0 \ , \ y = \! 42 \ , \ v = \! 2624 \\ w = \! 69 \ , \ h = \! 22 \ , \ x = \! 0 \ , \ y = \! 74 \ , \ v = \! 1518 \end{array}$$



$$\begin{array}{l} w = \! 99 \ , \ h = \! 39 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3861 \\ w = \! 79 \ , \ h = \! 34 \ , \ x = \! 0 \ , \ y = \! 39 \ , \ v = \! 2686 \end{array}$$

$$w = 77$$
,  $h = 21$ ,  $x = 0$ ,  $y = 73$ ,  $v = 1617$ 

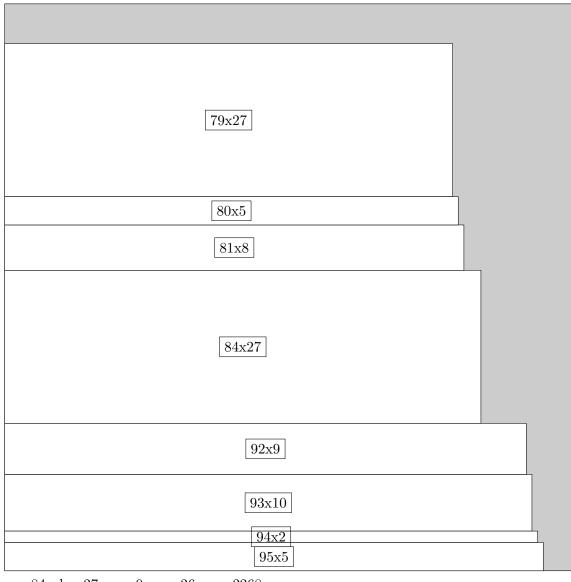


$$\le =48$$
 , h =69 , x =0 , y =0 , v =3312

$$\le =47$$
 , h =69 , x =48 , y =0 , v =3243

$$\le =72$$
 , h =23 , x =0 , y =69 , v =1656

$$\le =83$$
 ,  $h$  =6 ,  $x$  =0 ,  $y$  =92 ,  $v$  =498



$$\le =84$$
 ,  $h=27$  ,  $x=0$  ,  $y=26$  ,  $v=2268$ 

$$\le =79$$
 , h =27 , x =0 , y =66 , v =2133

$$\le =93$$
 ,  $h=\!10$  ,  $x=\!0$  ,  $y=\!7$  ,  $v=\!930$ 

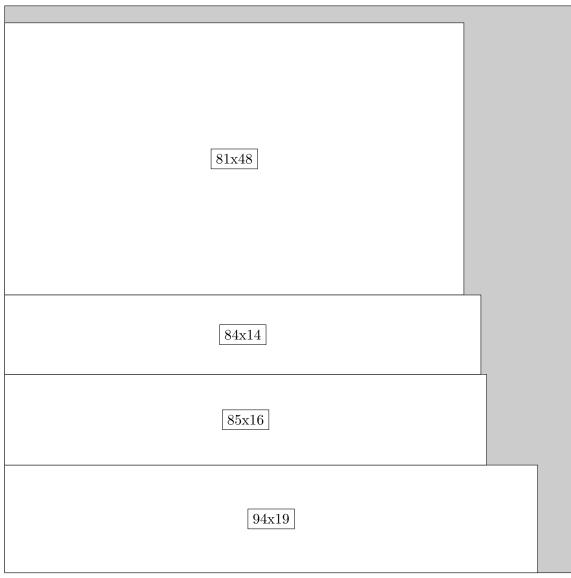
$$\le =92$$
 , h =9 , x =0 , y =17 , v =828

$$\le =81$$
 ,  $h=8$  ,  $x=0$  ,  $y=53$  ,  $v=648$ 

$$w=95$$
 ,  $h=5$  ,  $x=0$  ,  $y=0$  ,  $v=\!475$ 

$$\le =80$$
 ,  $h=5$  ,  $x=0$  ,  $y=61$  ,  $v=400$ 

$$\mathbf{w}=\!94$$
 ,  $\mathbf{h}=\!2$  ,  $\mathbf{x}=\!0$  ,  $\mathbf{y}=\!5$  ,  $\mathbf{v}=\!188$ 



$$\le =81$$
 ,  $h=48$  ,  $x=0$  ,  $y=49$  ,  $v=3888$ 

$$\le =94$$
 ,  $h$  =19 ,  $x$  =0 ,  $y$  =0 ,  $v$  =1786

$$\le =85$$
 , h =16 , x =0 , y =19 , v =1360

$$\le =84$$
 ,  $h$  =14 ,  $x$  =0 ,  $y$  =35 ,  $v$  =1176