$ClassName: \ Class\_08.2bp-23$ 

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>150000</u> InS: <u>124539</u> Rate: <u>0.830</u> UB: <u>15</u> LB0: <u>15</u>

LBWithCut:  $\underline{\bf 15}$ NodeCut:  $\underline{\bf 0}$ 

LB: **15** 

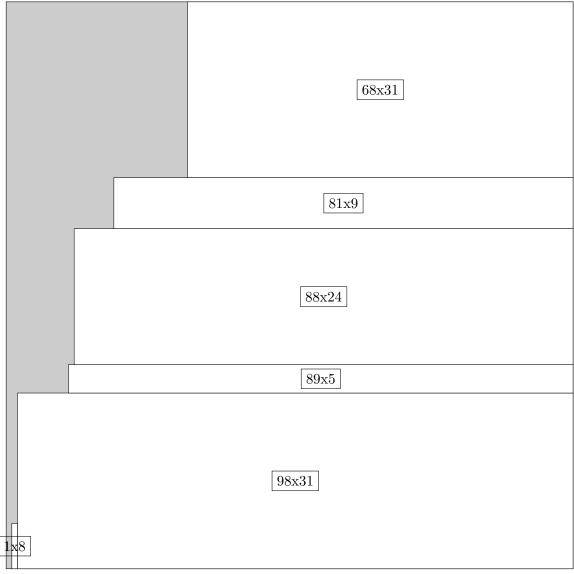
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{15}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

isOpt: **true** 

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.375 s



$$w = 98$$
,  $h = 31$ ,  $x = 2$ ,  $y = 0$ ,  $v = 3038$ 

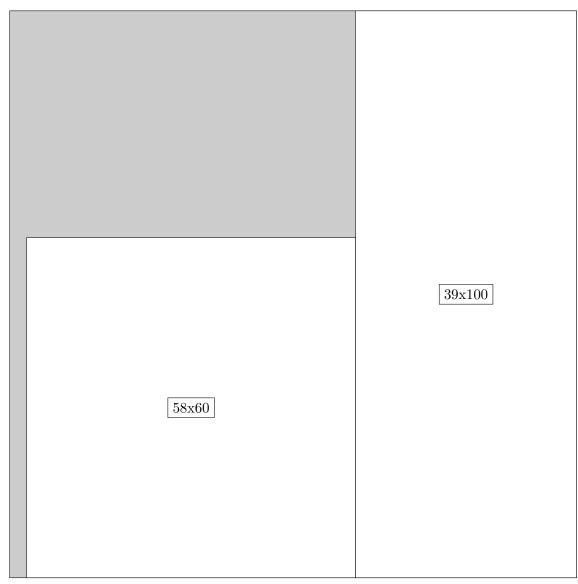
$$\mathbf{w}$$
 =1 , h =8 , x =1 , y =0 , v =8

$$\le =89$$
 , h =5 , x =11 , y =31 , v =445

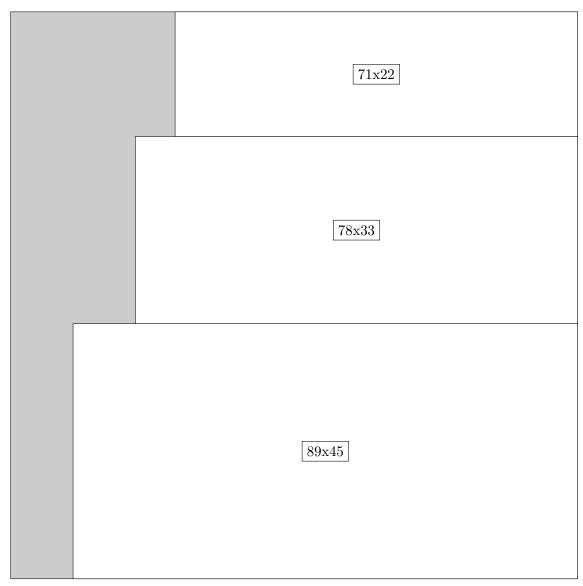
$$\le =88$$
 , h =24 , x =12 , y =36 , v =2112

$$w$$
 =81 , h =9 , x =19 , y =60 , v =729

$$\le =68$$
 , h =31 , x =32 , y =69 , v =2108



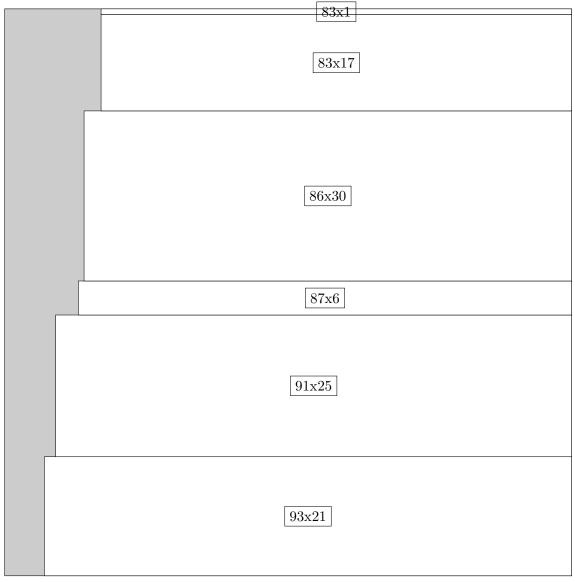
 $\begin{array}{l} w = & 39 \ , \ h = & 100 \ , \ x = & 61 \ , \ y = & 0 \ , \ v = & 3900 \\ w = & 58 \ , \ h = & 60 \ , \ x = & 3 \ , \ y = & 0 \ , \ v = & 3480 \end{array}$ 



$$w = 89$$
,  $h = 45$ ,  $x = 11$ ,  $y = 0$ ,  $v = 4005$ 

$$w$$
 =78 , h =33 , x =22 , y =45 , v =2574

$$\le =71$$
 , h =22 , x =29 , y =78 , v =1562



$$\le =93$$
 , h =21 , x =7 , y =0 , v =1953

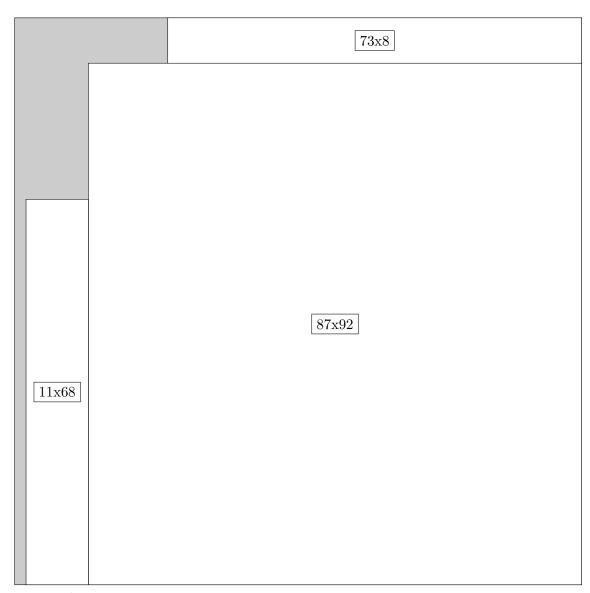
$$w = 91$$
,  $h = 25$ ,  $x = 9$ ,  $y = 21$ ,  $v = 2275$ 

$$\le =87$$
 , h =6 , x =13 , y =46 , v =522

$$w$$
 =86 ,  $h$  =30 ,  $x$  =14 ,  $y$  =52 ,  $v$  =2580

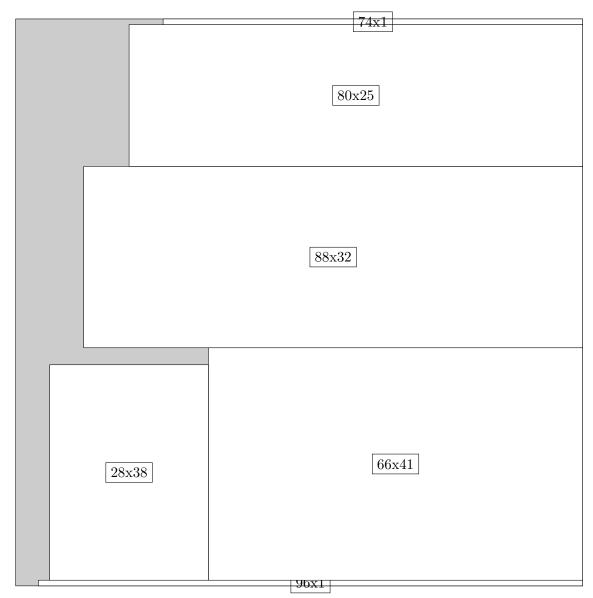
$$w$$
 =83 ,  $h$  =17 ,  $x$  =17 ,  $y$  =82 ,  $v$  =1411

$$\le =83$$
 , h =1 , x =17 , y =99 , v =83



w =87 , h =92 , x =13 , y =0 , v =8004 w =11 , h =68 , x =2 , y =0 , v =748

w = 73, h = 8, x = 27, y = 92, v = 584



$$\mathbf{w}=\!96$$
 ,  $\mathbf{h}=\!1$  ,  $\mathbf{x}=\!4$  ,  $\mathbf{y}=\!0$  ,  $\mathbf{v}=\!96$ 

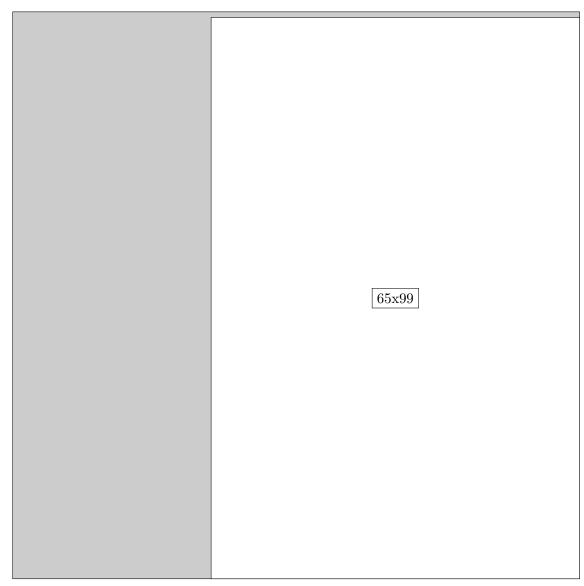
$$\mathbf{w}$$
 =66 , h =41 , x =34 , y =1 , v =2706

$$\le =28$$
 , h =38 , x =6 , y =1 , v =1064

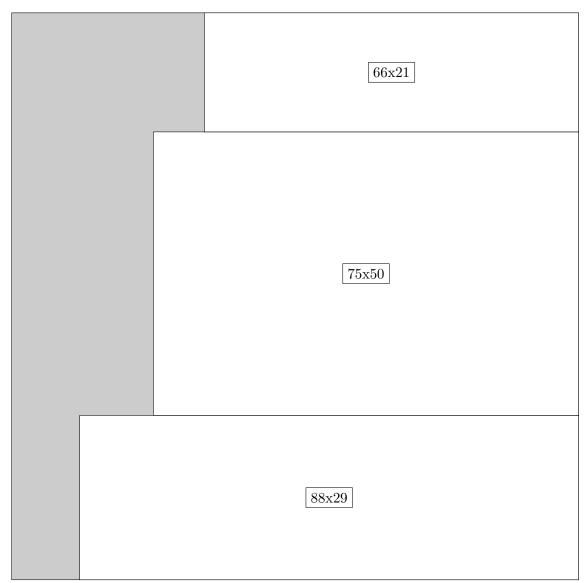
$$\le =88$$
 , h =32 , x =12 , y =42 , v =2816

$$\le =80$$
 ,  $h=25$  ,  $x=20$  ,  $y=74$  ,  $v=2000$ 

$$w$$
 =74 , h =1 , x =26 , y =99 , v =74



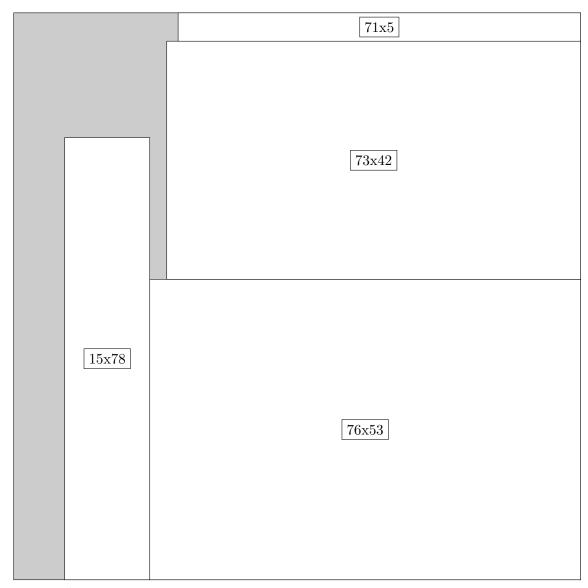
 $\le =65$  , h =99 , x =35 , y =0 , v =6435

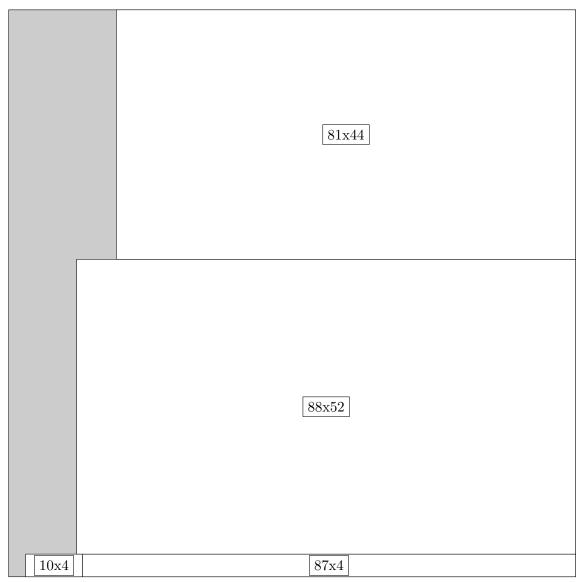


$$\le =88$$
 , h =29 , x =12 , y =0 , v =2552

$$\le =75$$
 , h =50 , x =25 , y =29 , v =3750

$$\le =66$$
 , h =21 , x =34 , y =79 , v =1386



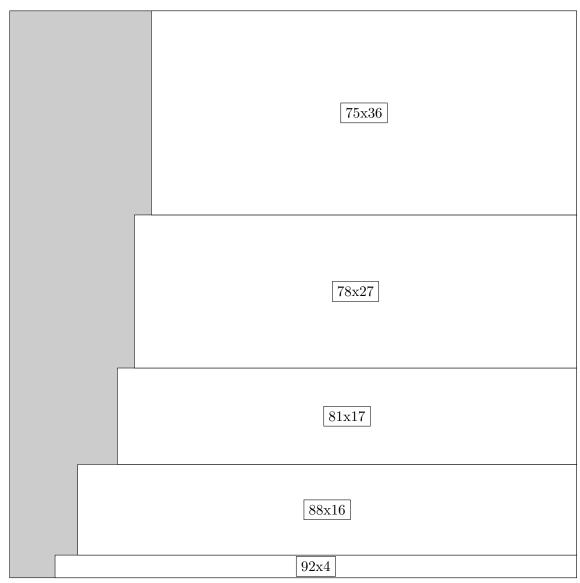


$$\le =87$$
 , h =4 , x =13 , y =0 , v =348

$$\le =10$$
 , h =4 , x =3 , y =0 , v =40

$$\le =88$$
 , h =52 , x =12 , y =4 , v =4576

$$\le =81$$
 ,  $h=44$  ,  $x=19$  ,  $y=56$  ,  $v=3564$ 



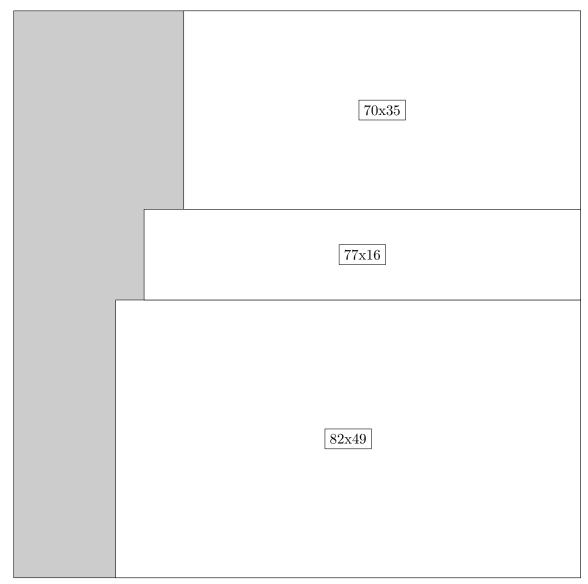
$$w = 92$$
,  $h = 4$ ,  $x = 8$ ,  $y = 0$ ,  $v = 368$ 

$$\le =88$$
 ,  $h$  =16 ,  $x$  =12 ,  $y$  =4 ,  $v$  =1408

$$w = 81$$
,  $h = 17$ ,  $x = 19$ ,  $y = 20$ ,  $v = 1377$ 

$$\le -78$$
 , h =27 , x =22 , y =37 , v =2106

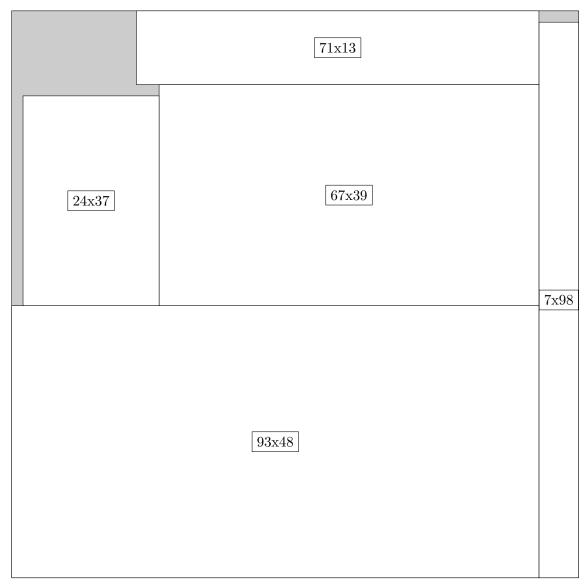
$$\le =75$$
 , h =36 , x =25 , y =64 , v =2700



$$\le =82$$
 , h =49 , x =18 , y =0 , v =4018

$$w$$
 =77 ,  $h$  =16 ,  $x$  =23 ,  $y$  =49 ,  $v$  =1232

$$\le =70$$
 , h =35 , x =30 , y =65 , v =2450



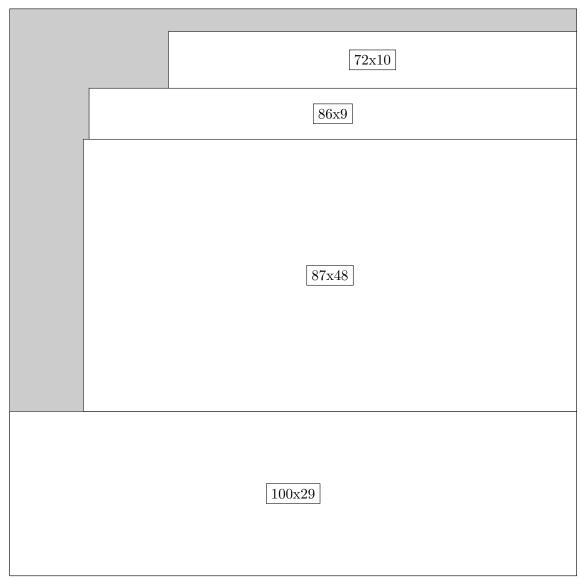
$$w = 7$$
,  $h = 98$ ,  $x = 93$ ,  $y = 0$ ,  $v = 686$ 

$$\mathbf{w} = \! 93$$
 ,  $\mathbf{h} = \! 48$  ,  $\mathbf{x} = \! 0$  ,  $\mathbf{y} = \! 0$  ,  $\mathbf{v} = \! 4464$ 

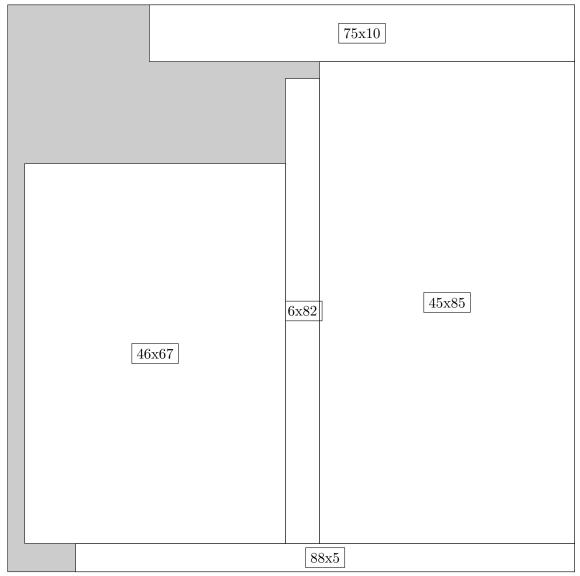
$$\le =67$$
 , h =39 , x =26 , y =48 , v =2613

$$\le =24$$
 , h =37 , x =2 , y =48 , v =888

$$\le =71$$
 , h =13 , x =22 , y =87 , v =923



$$\begin{array}{l} w = \! 100 \ , \ h = \! 29 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2900 \\ w = \! 87 \ , \ h = \! 48 \ , \ x = \! 13 \ , \ y = \! 29 \ , \ v = \! 4176 \\ w = \! 86 \ , \ h = \! 9 \ , \ x = \! 14 \ , \ y = \! 77 \ , \ v = \! 774 \\ w = \! 72 \ , \ h = \! 10 \ , \ x = \! 28 \ , \ y = \! 86 \ , \ v = \! 720 \end{array}$$



$$\begin{array}{l} w = 88 \; , \; h = 5 \; , \; x = 12 \; , \; y = 0 \; , \; v = 440 \\ w = 45 \; , \; h = 85 \; , \; x = 55 \; , \; y = 5 \; , \; v = 3825 \\ w = 6 \; , \; h = 82 \; , \; x = 49 \; , \; y = 5 \; , \; v = 492 \\ w = 46 \; , \; h = 67 \; , \; x = 3 \; , \; y = 5 \; , \; v = 3082 \\ w = 75 \; , \; h = 10 \; , \; x = 25 \; , \; y = 90 \; , \; v = 750 \end{array}$$