$ClassName: \ Class\_08.2bp-37$ 

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

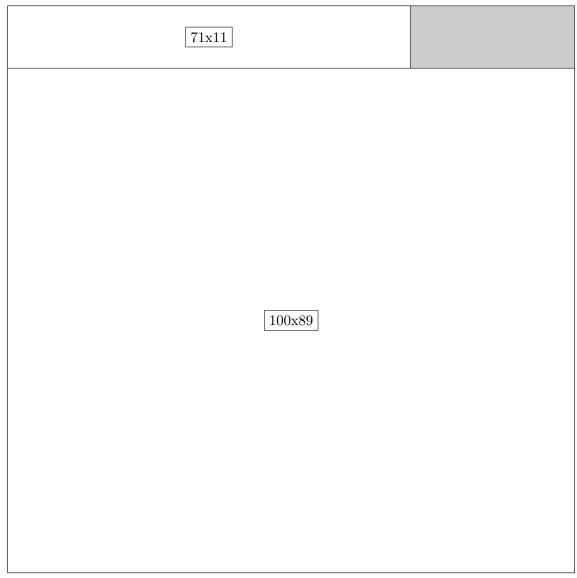
TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>220000</u> InS: <u>194219</u> Rate: <u>0.883</u> UB: <u>22</u> LB0: <u>22</u>

LB: **22** LBWithCut: **22** 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{22}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.220 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.361 \ s} \end{array}$ 



$$\begin{array}{l} w = \! 100 \ , \ h = \! 89 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 8900 \\ w = \! 71 \ , \ h = \! 11 \ , \ x = \! 0 \ , \ y = \! 89 \ , \ v = \! 781 \end{array}$$

82x21 12x18 98x79

$$\begin{array}{l} w = \! 98 \ , \ h = \! 79 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7742 \\ w = \! 82 \ , \ h = \! 21 \ , \ x = \! 18 \ , \ y = \! 79 \ , \ v = \! 1722 \\ w = \! 12 \ , \ h = \! 18 \ , \ x = \! 0 \ , \ y = \! 79 \ , \ v = \! 216 \end{array}$$



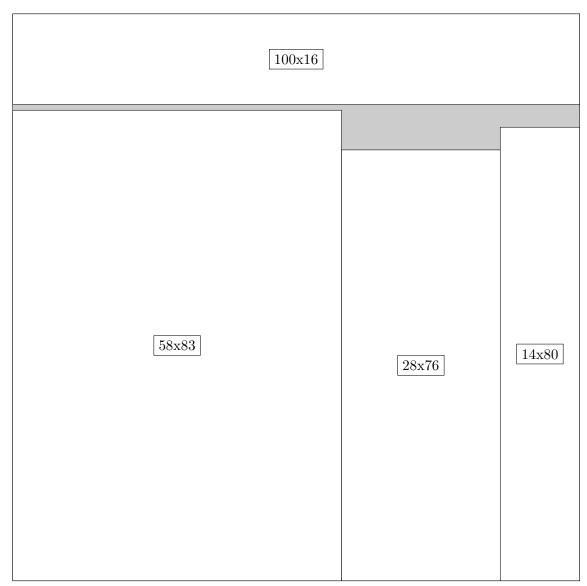
$$\begin{array}{l} w = \! 96 \ , \ h = \! 65 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6240 \\ w = \! 75 \ , \ h = \! 34 \ , \ x = \! 0 \ , \ y = \! 65 \ , \ v = \! 2550 \end{array}$$

63x77 37x78	

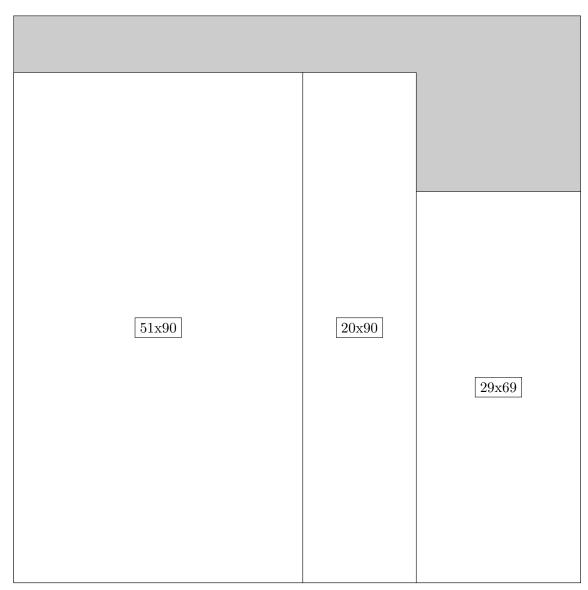
$$\le =37$$
 , h =78 , x =63 , y =0 , v =2886

$$\mathbf{w}$$
 =63 , h =77 , x =0 , y =0 , v =4851

$$\le =92$$
 , h =22 , x =0 , y =78 , v =2024



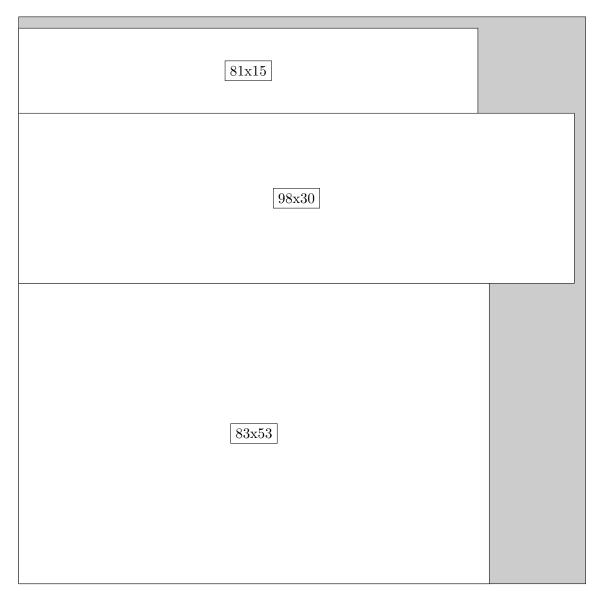
 $\begin{array}{l} w = \! 58 \; , \; h = \! 83 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4814 \\ w = \! 28 \; , \; h = \! 76 \; , \; x = \! 58 \; , \; y = \! 0 \; , \; v = \! 2128 \\ w = \! 100 \; , \; h = \! 16 \; , \; x = \! 0 \; , \; y = \! 84 \; , \; v = \! 1600 \\ w = \! 14 \; , \; h = \! 80 \; , \; x = \! 86 \; , \; y = \! 0 \; , \; v = \! 1120 \end{array}$ 



 $w = \! 51 \; , \; h = \! 90 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4590$ 

 $\le =29$  , h =69 , x =71 , y =0 , v =2001

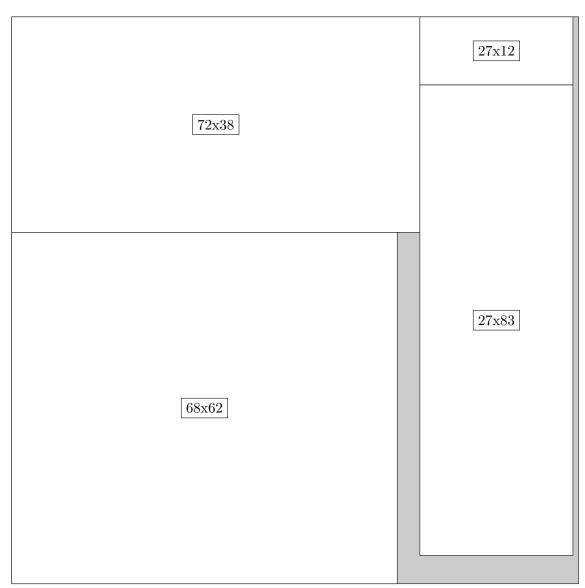
 $\le =20$  , h =90 , x =51 , y =0 , v =1800



$$w = 83 \; , \; h = 53 \; , \; x = 0 \; , \; y = 0 \; , \; v = 4399$$

$$\le =98$$
 , h =30 , x =0 , y =53 , v =2940

$$\le =81$$
 ,  $h$  =15 ,  $x$  =0 ,  $y$  =83 ,  $v$  =1215

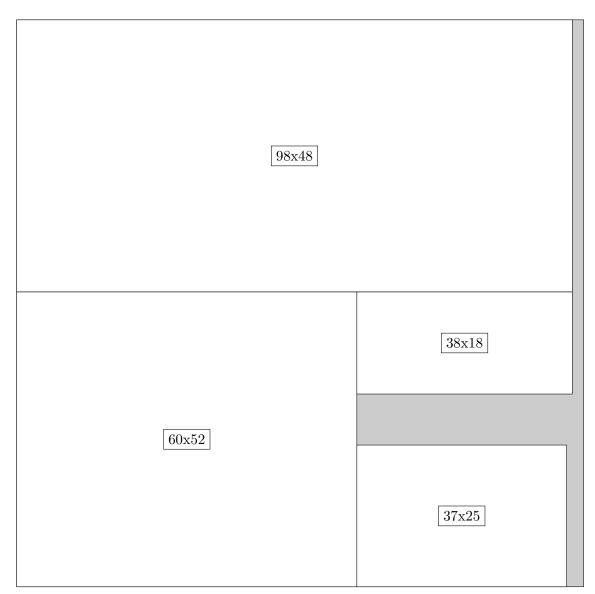


$$\le =68$$
 ,  $h=62$  ,  $x=0$  ,  $y=0$  ,  $v=4216$ 

$$\le =72$$
 , h =38 , x =0 , y =62 , v =2736

$$\le =27$$
 , h =83 , x =72 , y =5 , v =2241

$$\le =27$$
 , h =12 , x =72 , y =88 , v =324

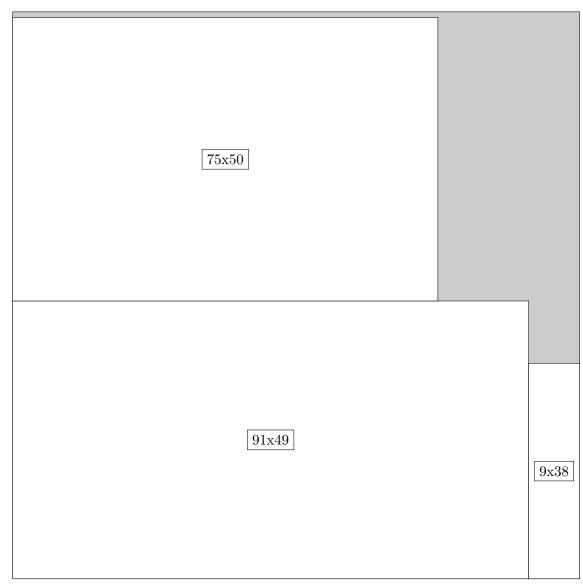


$$w = 98$$
,  $h = 48$ ,  $x = 0$ ,  $y = 52$ ,  $v = 4704$ 

$$\le =60$$
 , h =52 , x =0 , y =0 , v =3120

$$\le =37$$
 , h =25 , x =60 , y =0 , v =925

$$\le =38$$
 ,  $h$  =18 ,  $x$  =60 ,  $y$  =34 ,  $v$  =684



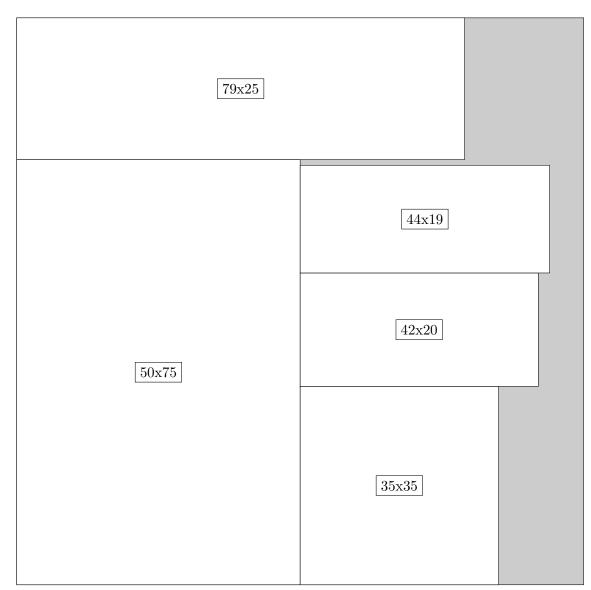
$$\begin{array}{l} w = \! 91 \ , \ h = \! 49 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4459 \\ w = \! 75 \ , \ h = \! 50 \ , \ x = \! 0 \ , \ y = \! 49 \ , \ v = \! 3750 \\ w = \! 9 \ , \ h = \! 38 \ , \ x = \! 91 \ , \ y = \! 0 \ , \ v = \! 342 \end{array}$$



$$w = 95$$
,  $h = 48$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4560$ 

$$\le =85$$
 , h =39 , x =0 , y =48 , v =3315

$$\le =80$$
 ,  $h$  =13 ,  $x$  =0 ,  $y$  =87 ,  $v$  =1040



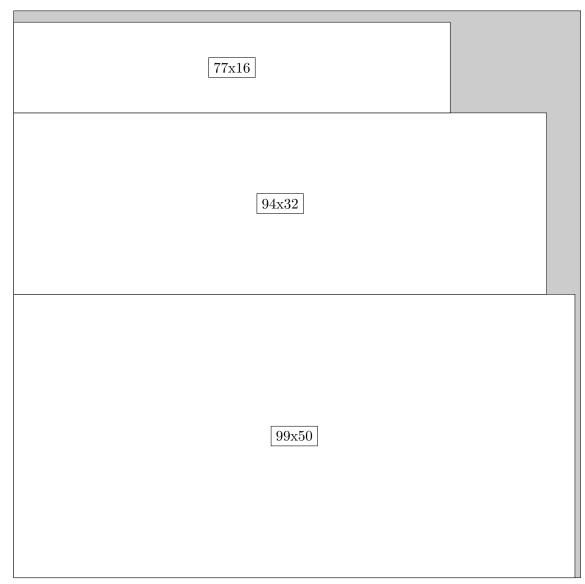
$$w$$
 =50 ,  $h$  =75 ,  $x$  =0 ,  $y$  =0 ,  $v$  =3750

$$w$$
 =79 ,  $h$  =25 ,  $x$  =0 ,  $y$  =75 ,  $v$  =1975

$$\le =35$$
 , h =35 , x =50 , y =0 , v =1225

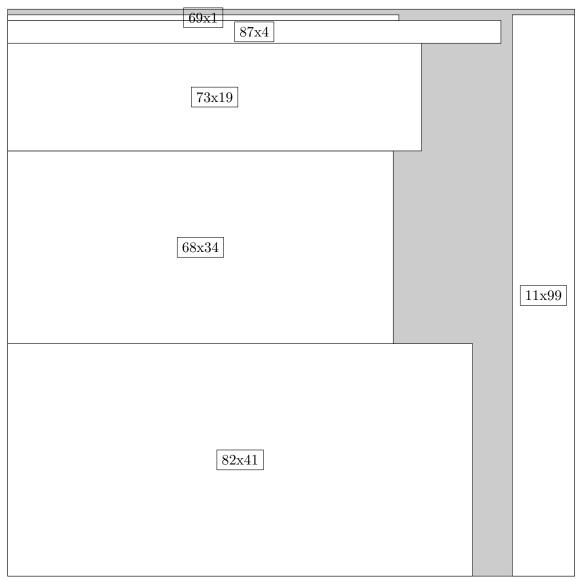
$$\le =42$$
 , h =20 , x =50 , y =35 , v =840

$$\le =44$$
 , h =19 , x =50 , y =55 , v =836



$$\begin{array}{l} w = \! 99 \ , \ h = \! 50 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4950 \\ w = \! 94 \ , \ h = \! 32 \ , \ x = \! 0 \ , \ y = \! 50 \ , \ v = \! 3008 \end{array}$$

$$\le =77$$
 , h =16 , x =0 , y =82 , v =1232



$$\le =82$$
 ,  $h$  =41 ,  $x$  =0 ,  $y$  =0 ,  $v$  =3362

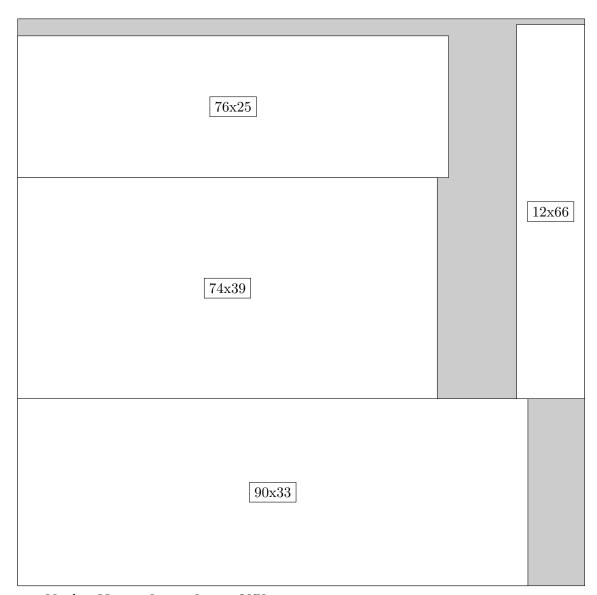
$$\le =68$$
 , h =34 , x =0 , y =41 , v =2312

$$\le =73$$
 ,  $h$  =19 ,  $x$  =0 ,  $y$  =75 ,  $v$  =1387

$$w = 11$$
,  $h = 99$ ,  $x = 89$ ,  $y = 0$ ,  $v = 1089$ 

$$w$$
 =87 , h =4 , x =0 , y =94 , v =348

$$\mathbf{w}=\!69$$
 ,  $\mathbf{h}=\!1$  ,  $\mathbf{x}=\!0$  ,  $\mathbf{y}=\!98$  ,  $\mathbf{v}=\!69$ 

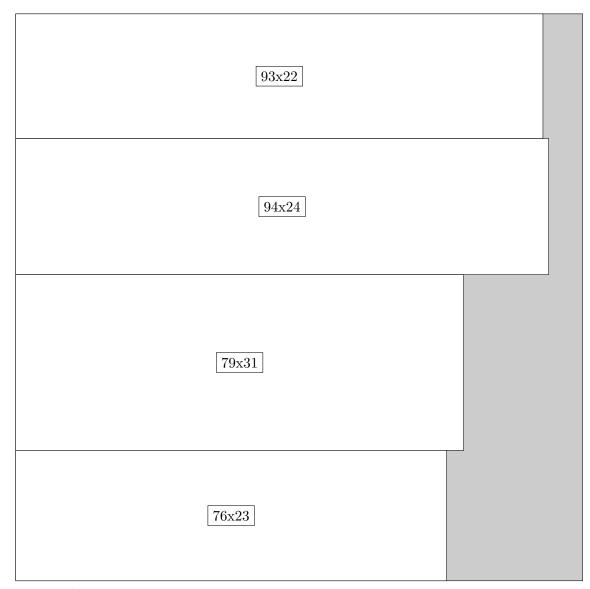


$$\le =90$$
 , h =33 , x =0 , y =0 , v =2970

$$\le =74$$
 , h =39 , x =0 , y =33 , v =2886

$$\le =76$$
 , h =25 , x =0 , y =72 , v =1900

$$\le =12$$
 , h =66 , x =88 , y =33 , v =792



$$\le =93$$
 , h =22 , x =0 , y =78 , v =2046

$$\le =94$$
 , h =24 , x =0 , y =54 , v =2256

$$\le =79$$
 , h =31 , x =0 , y =23 , v =2449

$$\mathbf{w}$$
 =76 , h =23 , x =0 , y =0 , v =1748

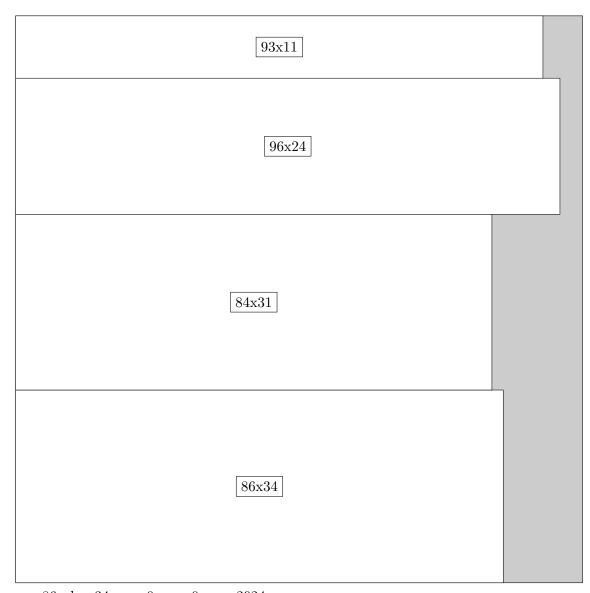


$$\le =96$$
 , h =28 , x =0 , y =0 , v =2688

$$\le =91$$
 , h =27 , x =0 , y =28 , v =2457

$$\le =66$$
 , h =37 , x =0 , y =55 , v =2442

$$\le =97$$
 , h =8 , x =0 , y =92 , v =776

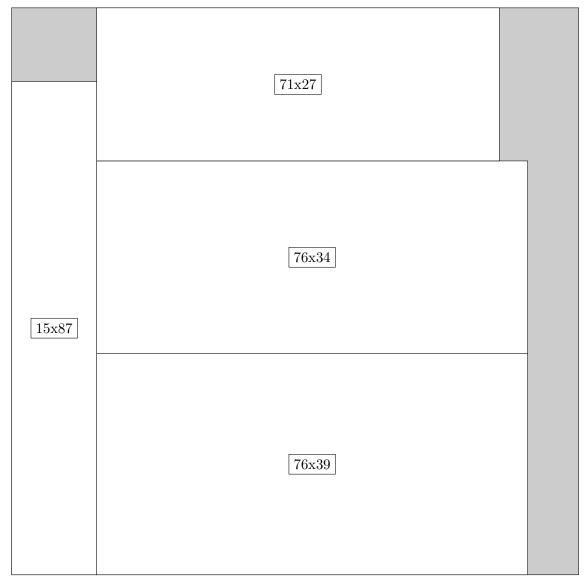


$$\le =86$$
 , h =34 , x =0 , y =0 , v =2924

$$\le =84$$
 , h =31 , x =0 , y =34 , v =2604

$$\le =96$$
 , h =24 , x =0 , y =65 , v =2304

$$\le =93$$
 , h =11 , x =0 , y =89 , v =1023

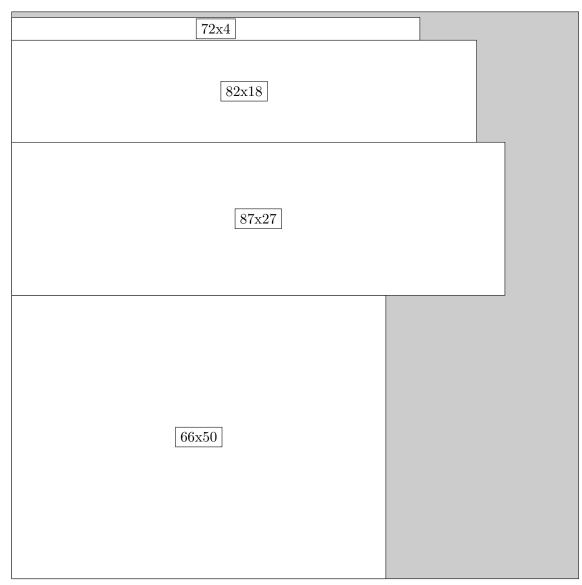


$$\le 15$$
 ,  $h = 87$  ,  $x = 0$  ,  $y = 0$  ,  $v = 1305$ 

$$\le =76$$
 , h =39 , x =15 , y =0 , v =2964

$$\le =76$$
 , h =34 , x =15 , y =39 , v =2584

$$w$$
 =71 ,  $h$  =27 ,  $x$  =15 ,  $y$  =73 ,  $v$  =1917

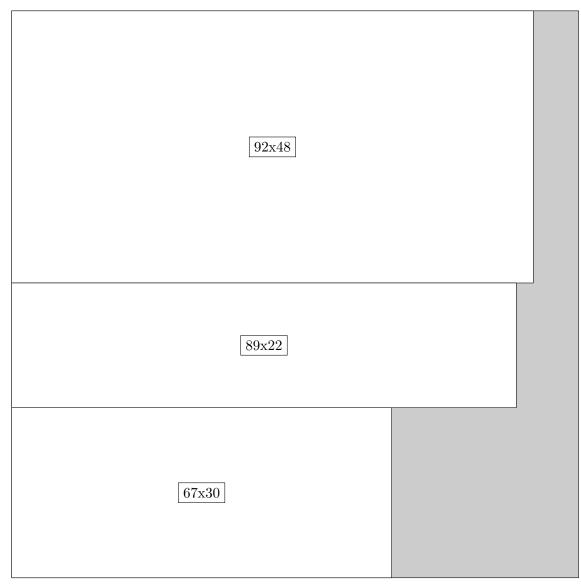


$$\mathbf{w}$$
 =66 , h =50 , x =0 , y =0 , v =3300

$$\le =87$$
 , h =27 , x =0 , y =50 , v =2349

$$\le =82$$
 , h =18 , x =0 , y =77 , v =1476

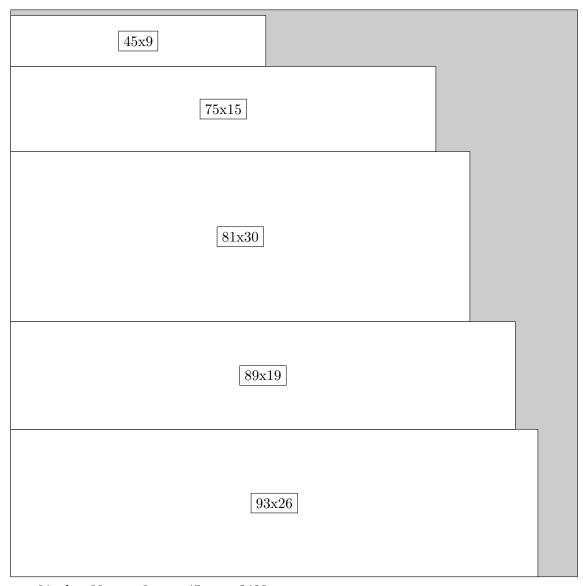
$$\le =72$$
 , h =4 , x =0 , y =95 , v =288



$$\le =92$$
 , h =48 , x =0 , y =52 , v =4416

$$\mathbf{w}$$
 =67 , h =30 , x =0 , y =0 , v =2010

$$\le =89$$
 , h =22 , x =0 , y =30 , v =1958



$$\le =81$$
 ,  $h=30$  ,  $x=0$  ,  $y=45$  ,  $v=2430$ 

$$\le =93$$
 , h =26 , x =0 , y =0 , v =2418

$$\le =89$$
 , h =19 , x =0 , y =26 , v =1691

$$\le -75$$
 , h =  
15 , x =0 , y =  
75 , v =  
1125

$$\le =45$$
 ,  $h$  =9 ,  $x$  =0 ,  $y$  =90 ,  $v$  =405