$ClassName: \ Class_08.2bp-27$

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

TypeNum: <u>59</u> Num: <u>60</u> OutS: <u>170000</u> InS: <u>146994</u> Rate: <u>0.865</u> UB: <u>17</u>

LB0: <u>17</u> LB: <u>17</u>

LBWithCut: $\underline{17}$ NodeCut: $\underline{0}$

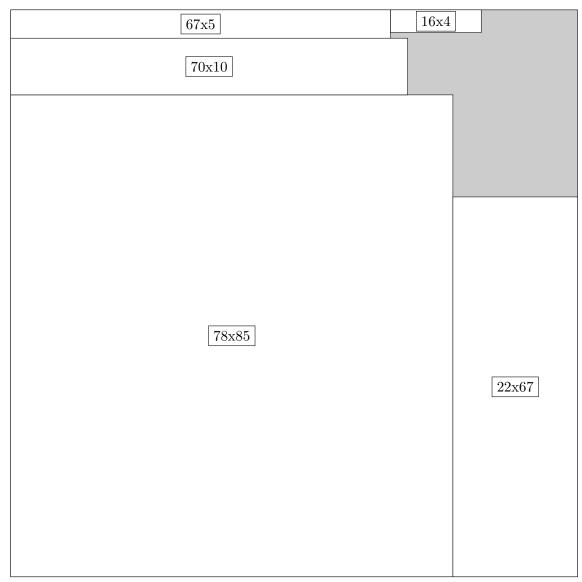
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{17}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

TimeOnInitSolution: 90.040 s

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 90.165 s



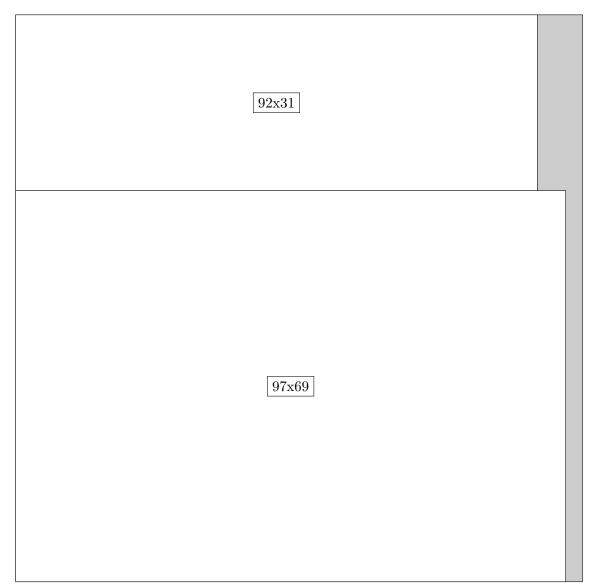
$$\le -78$$
 , h =
85 , x =0 , y =
0 , v =
6630

$$\le =22$$
 , h =67 , x =78 , y =0 , v =1474

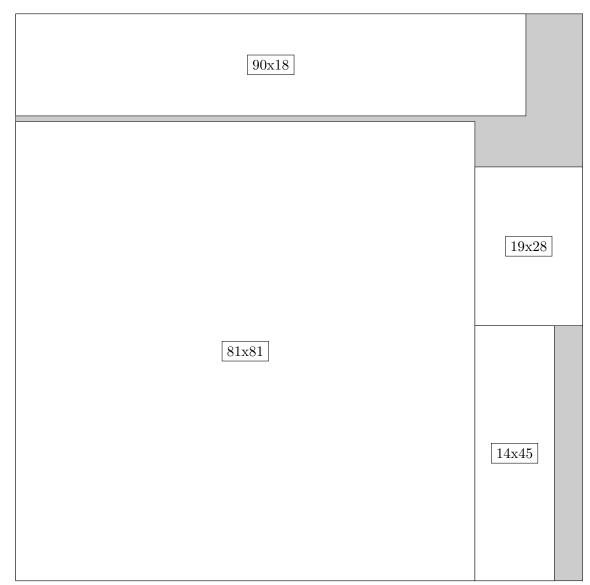
$$\mathbf{w}$$
 =70 , h =10 , x =0 , y =85 , v =700

$$\le =67$$
 , h =5 , x =0 , y =95 , v =335

$$w = 16$$
, $h = 4$, $x = 67$, $y = 96$, $v = 64$



$$\begin{array}{c} w = 97 \; , \; h = 69 \; , \; x = 0 \; , \; y = 0 \; , \; v = 6693 \\ w = 92 \; , \; h = 31 \; , \; x = 0 \; , \; y = 69 \; , \; v = 2852 \\ \end{array}$$

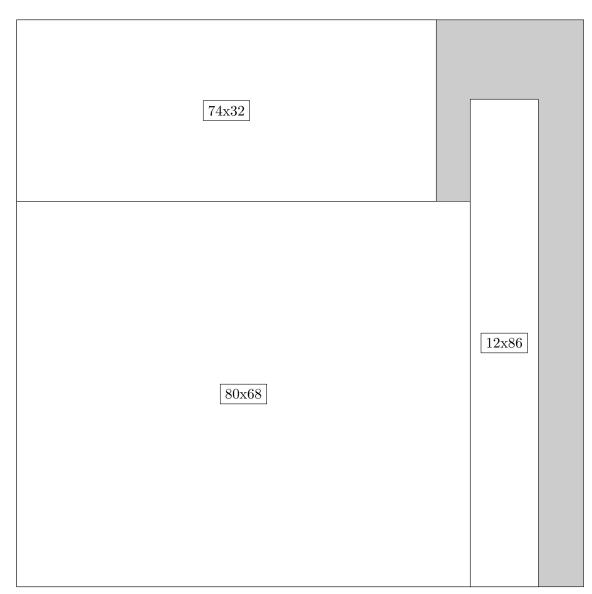


$$\le =81$$
 , h =81 , x =0 , y =0 , v =6561

$$\le =90$$
 , h =18 , x =0 , y =82 , v =1620

$$\le =14$$
 , h =45 , x =81 , y =0 , v =630

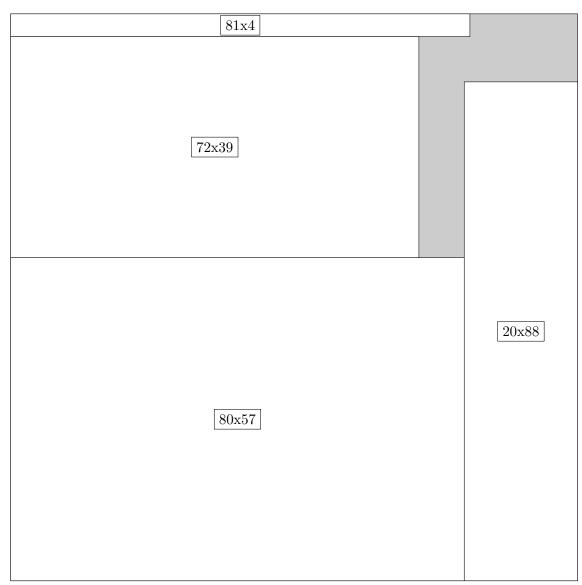
$$w$$
 =19 , h =28 , x =81 , y =45 , v =532



$$w = 80$$
, $h = 68$, $x = 0$, $y = 0$, $v = 5440$

$$\le =74$$
 , h =32 , x =0 , y =68 , v =2368

$$\le =12$$
 , h =
86 , x =
80 , y =
0 , v =
1032

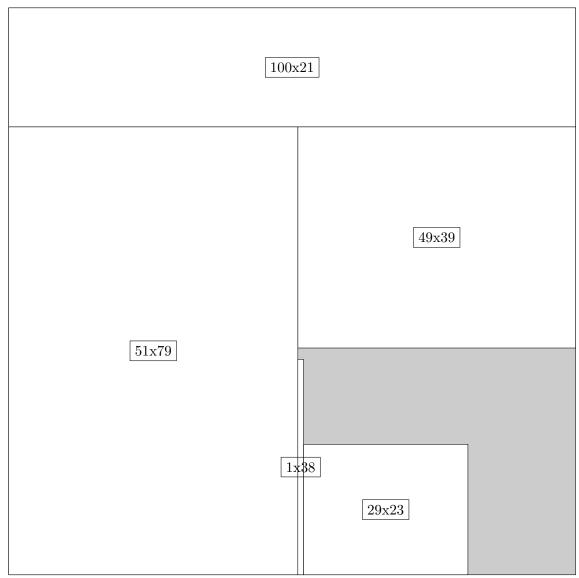


$$\le =80$$
 , $h=\!57$, $x=\!0$, $y=\!0$, $v=\!4560$

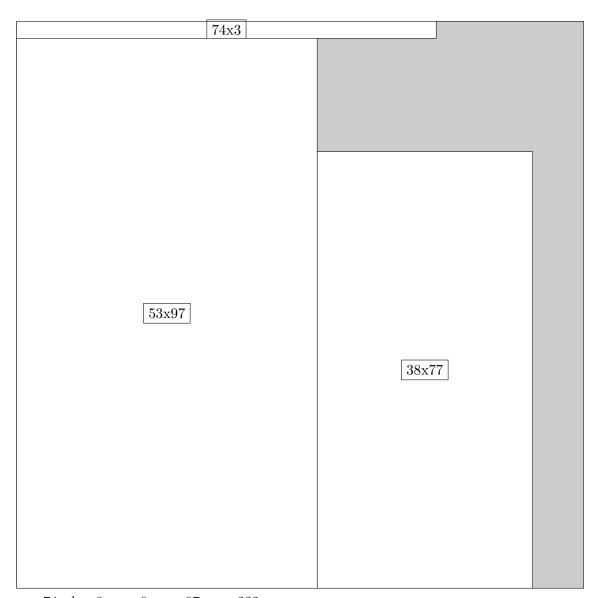
$$\le =72$$
 , h =39 , x =0 , y =57 , v =2808

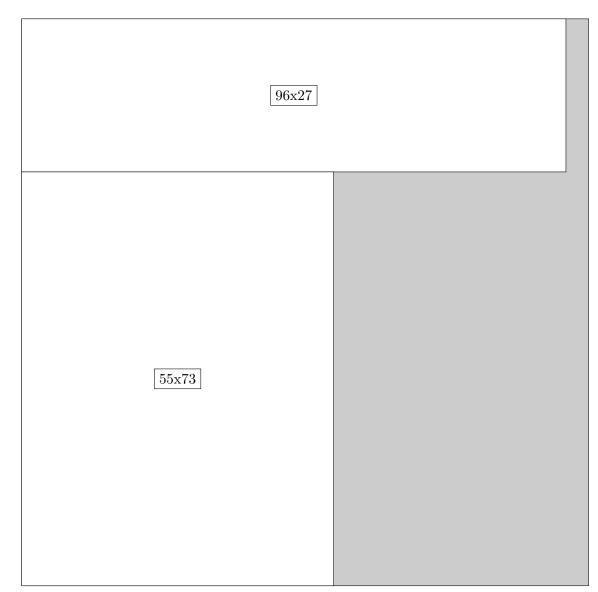
$$\le =20$$
 , h =88 , x =80 , y =0 , v =1760

$$\le =81$$
 , $h=4$, $x=0$, $y=96$, $v=324$

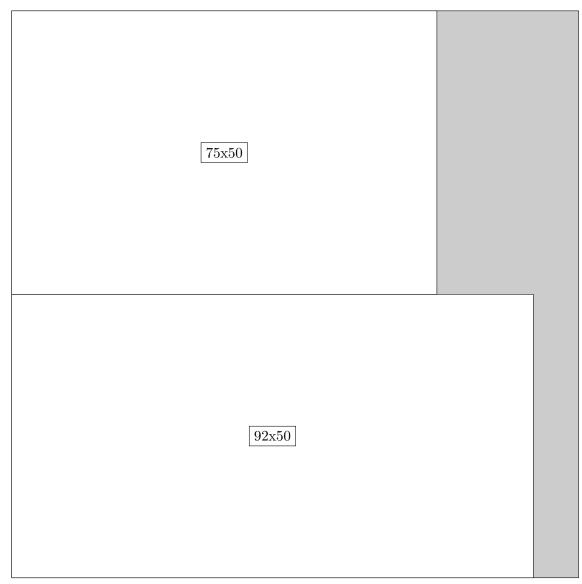


 $\begin{array}{l} w = & 100 \ , \ h = & 21 \ , \ x = & 0 \ , \ y = & 79 \ , \ v = & 2100 \\ w = & 49 \ , \ h = & 39 \ , \ x = & 51 \ , \ y = & 40 \ , \ v = & 1911 \\ w = & 51 \ , \ h = & 79 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 4029 \\ w = & 29 \ , \ h = & 23 \ , \ x = & 52 \ , \ y = & 0 \ , \ v = & 667 \\ w = & 1 \ , \ h = & 38 \ , \ x = & 51 \ , \ y = & 0 \ , \ v = & 38 \end{array}$

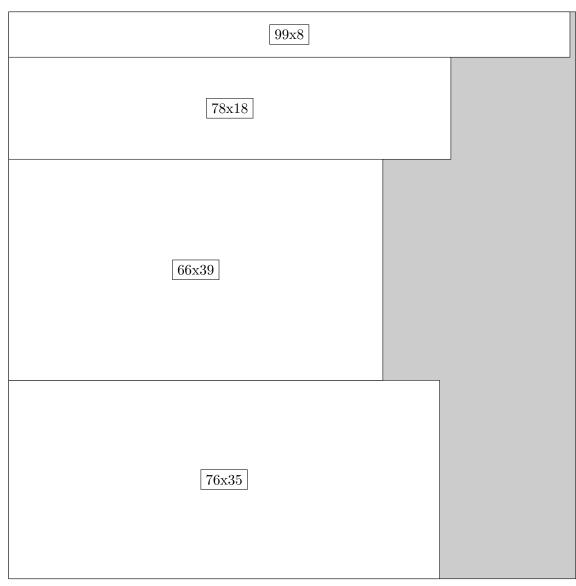




$$\begin{array}{l} w = \! 96 \ , \ h = \! 27 \ , \ x = \! 0 \ , \ y = \! 73 \ , \ v = \! 2592 \\ w = \! 55 \ , \ h = \! 73 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4015 \end{array}$$



$$\begin{array}{l} w = \! 92 \ , \ h = \! 50 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4600 \\ w = \! 75 \ , \ h = \! 50 \ , \ x = \! 0 \ , \ y = \! 50 \ , \ v = \! 3750 \end{array}$$

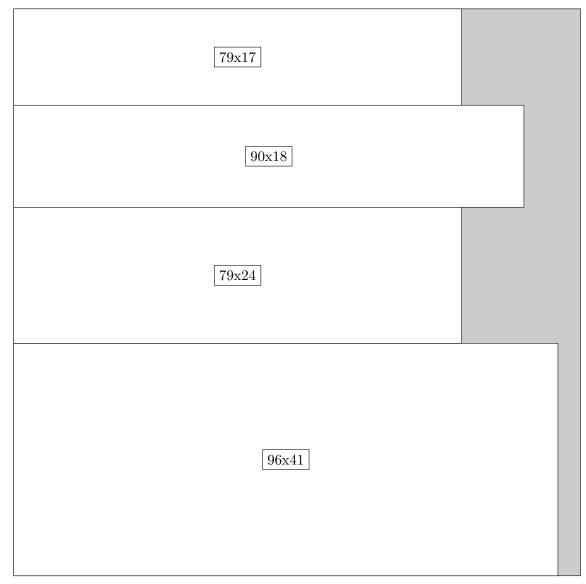


$$w = 76$$
, $h = 35$, $x = 0$, $y = 0$, $v = 2660$

$$\le -78$$
 , h =
18 , x =0 , y =
74 , v =
1404

$$\le =99$$
 , h =8 , x =0 , y =92 , v =792

$$\le =66$$
 , h =39 , x =0 , y =35 , v =2574

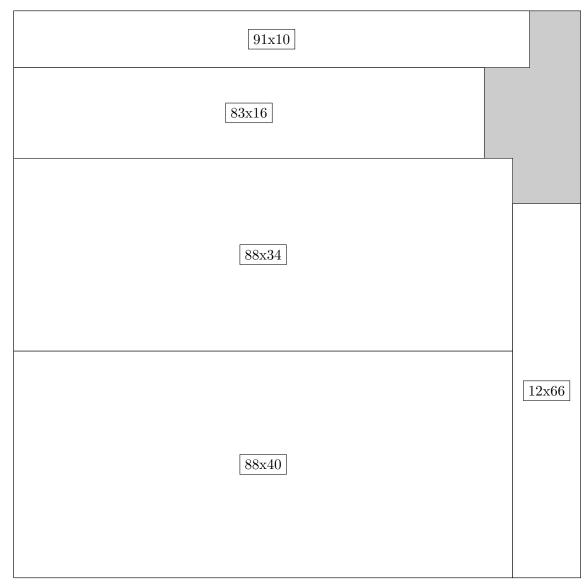


$$\le =96$$
 , h =41 , x =0 , y =0 , v =3936

$$\le =79$$
 , h =24 , x =0 , y =41 , v =1896

$$\le =90$$
 , h =18 , x =0 , y =65 , v =1620

$$\le =79$$
 , h =17 , x =0 , y =83 , v =1343



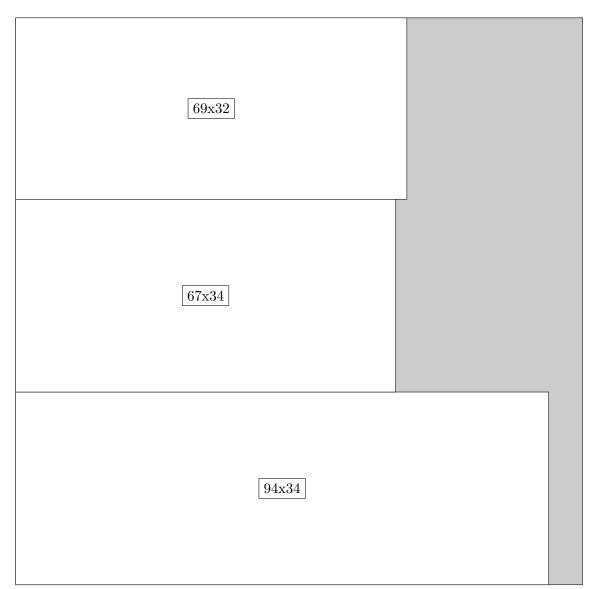
$$w = 88$$
, $h = 40$, $x = 0$, $y = 0$, $v = 3520$

$$\le =88$$
 , h =34 , x =0 , y =40 , v =2992

$$\le =91$$
 , h =10 , x =0 , y =90 , v =910

$$\le =12$$
 , $h=66$, $x=88$, $y=0$, $v=792$

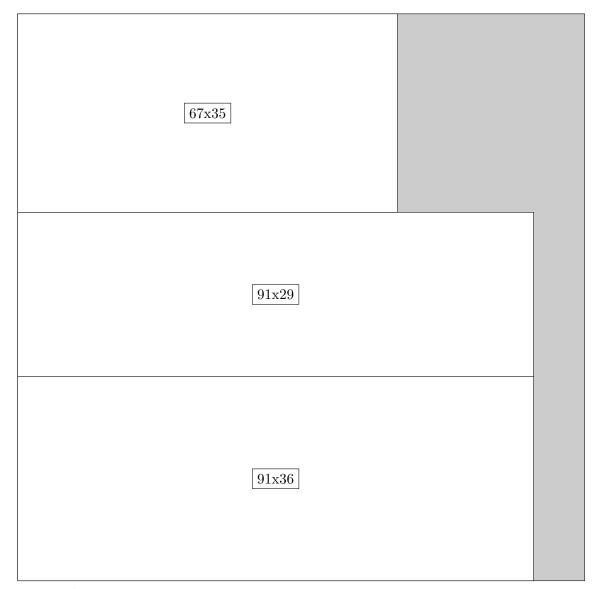
$$\le =83$$
 , h =16 , x =0 , y =74 , v =1328



$$\le =94$$
 , h =34 , x =0 , y =0 , v =3196

$$\le =67$$
 , h =34 , x =0 , y =34 , v =2278

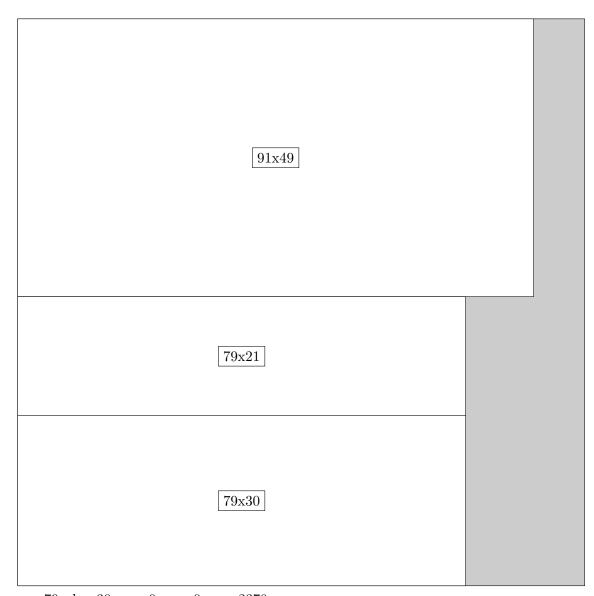
$$\le =69$$
 , h =32 , x =0 , y =68 , v =2208



$$\le =91$$
 , h =36 , x =0 , y =0 , v =3276

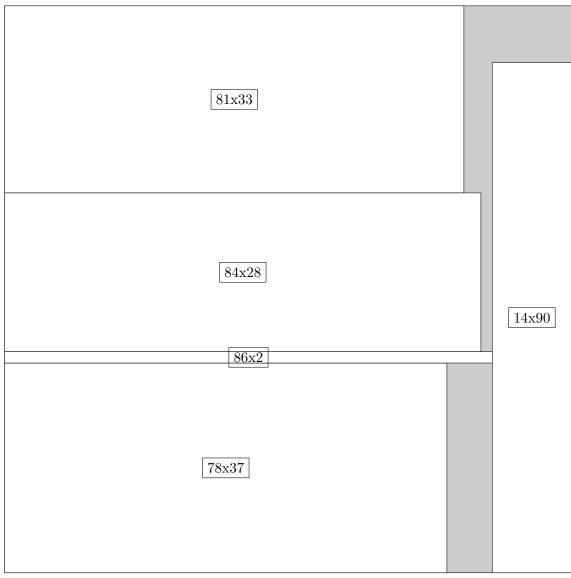
$$\le =91$$
 , h =29 , x =0 , y =36 , v =2639

$$\le =67$$
 , h =35 , x =0 , y =65 , v =2345



$$\begin{array}{l} w = \! 79 \ , \ h = \! 30 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2370 \\ w = \! 91 \ , \ h = \! 49 \ , \ x = \! 0 \ , \ y = \! 51 \ , \ v = \! 4459 \end{array}$$

$$\mathbf{w}$$
 =79 , h =21 , x =0 , y =30 , v =1659



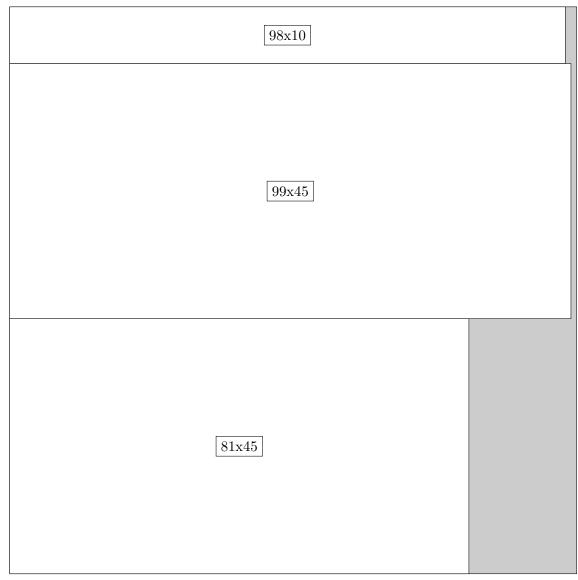
$$\le -78$$
 , h =37 , x =0 , y =0 , v =2886

$$\le =81$$
 , h =33 , x =0 , y =67 , v =2673

$$\le =84$$
 , h =28 , x =0 , y =39 , v =2352

$$\le =14$$
 , h =90 , x =86 , y =0 , v =1260

$$w = 86$$
, $h = 2$, $x = 0$, $y = 37$, $v = 172$



$$\begin{array}{l} w = \! 81 \ , \ h = \! 45 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3645 \\ w = \! 99 \ , \ h = \! 45 \ , \ x = \! 0 \ , \ y = \! 45 \ , \ v = \! 4455 \\ w = \! 98 \ , \ h = \! 10 \ , \ x = \! 0 \ , \ y = \! 90 \ , \ v = \! 980 \end{array}$$