$ClassName: \ Class_07.2bp-29$

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>190000</u> InS: <u>162038</u> Rate: <u>0.853</u> UB: <u>19</u> LB0: <u>18</u> LB: <u>18</u>

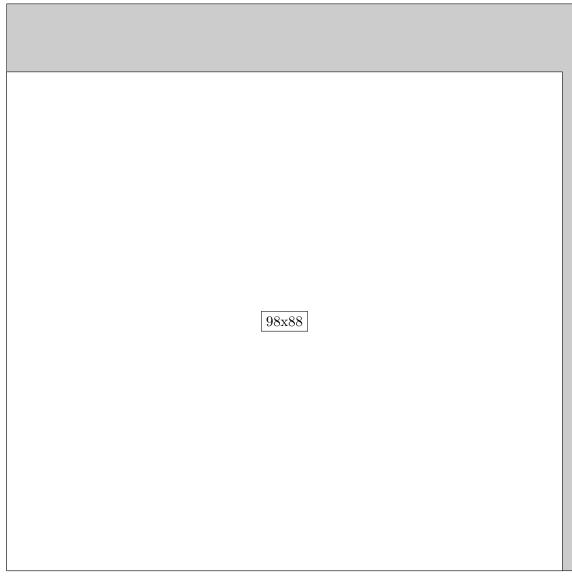
LBWithCut: $\underline{\mathbf{19}}$ NodeCut: $\underline{\mathbf{1}}$

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

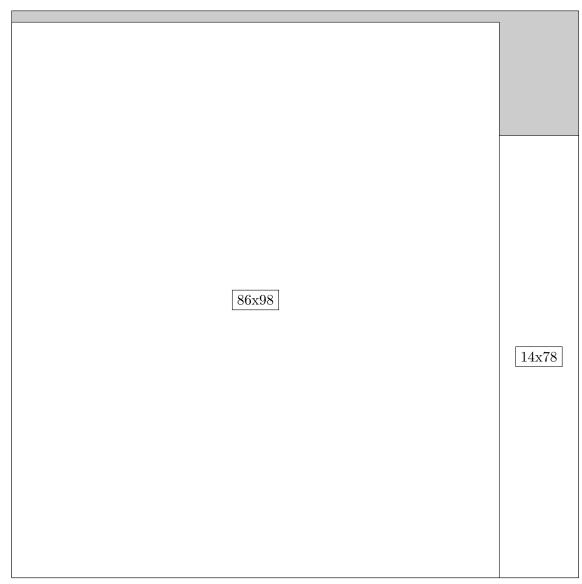
GenNodeCnt: 1
PrimalNode: 0
ColumnCount: 180
TotalCutCount: 33
RootCutCount: 33
LPSolverCnt: 163
PricingSolverCnt: 163
BranchAndBoundNum: 1

isOpt: **true**

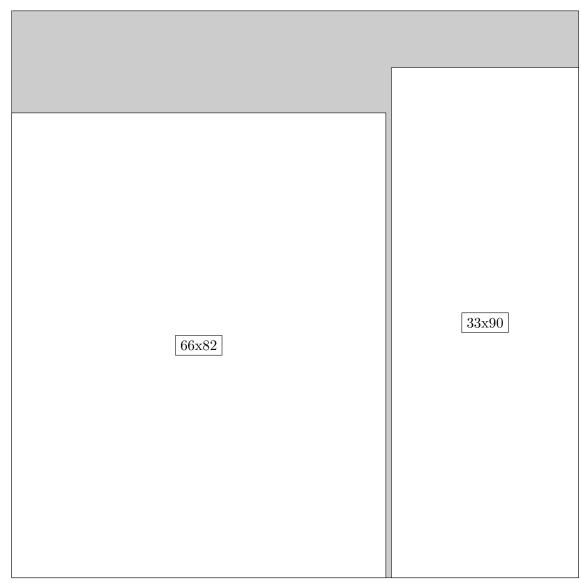
 $\begin{array}{ll} \text{TimeOnPrimal: } \underline{0.000 \text{ s}} \\ \text{TimeOnPricing: } \underline{19.706 \text{ s}} \\ \text{TimeOnRmp: } \underline{0.218 \text{ s}} \\ \text{TotalTime: } \underline{20.064 \text{ s}} \end{array}$



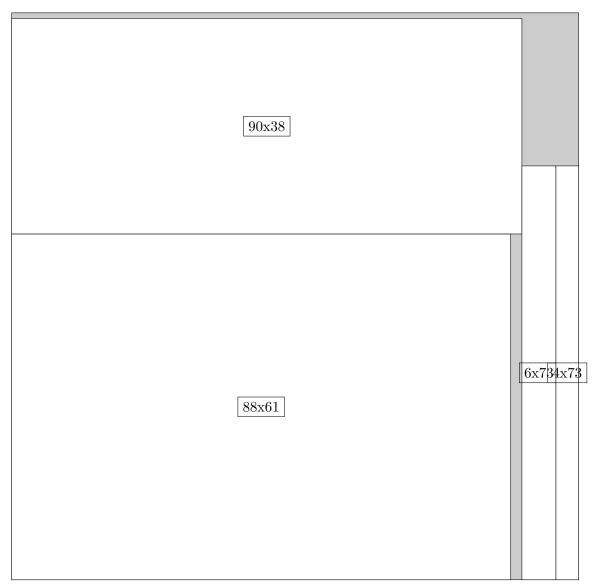
 $\le =98$, h =88 , x =0 , y =0 , v =8624



$$\begin{array}{c} w = \! 86 \; , \; h = \! 98 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8428 \\ w = \! 14 \; , \; h = \! 78 \; , \; x = \! 86 \; , \; y = \! 0 \; , \; v = \! 1092 \\ \end{array}$$



$$\begin{array}{c} w = \!\!\! 66 \; , \; h = \!\!\! 82 \; , \; x = \!\!\! 0 \; , \; y = \!\!\! 0 \; , \; v = \!\!\! 5412 \\ w = \!\!\! 33 \; , \; h = \!\!\! 90 \; , \; x = \!\!\! 67 \; , \; y = \!\!\! 0 \; , \; v = \!\!\! 2970 \\ \end{array}$$

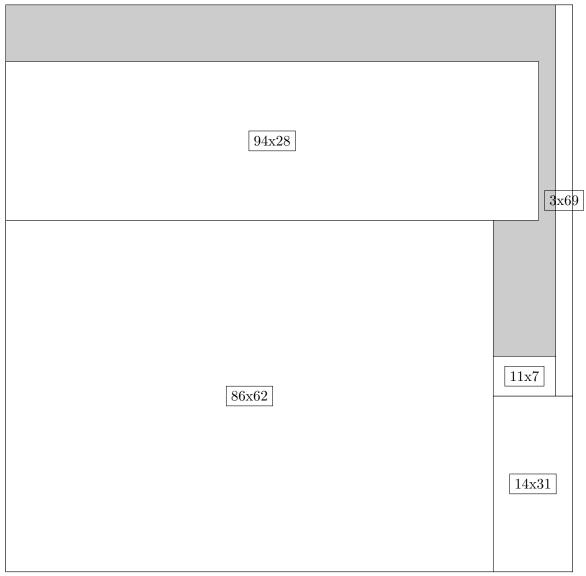


$$\le = 88$$
 , $h = 61$, $x = 0$, $y = 0$, $v = 5368$

$$\le =90$$
 , h =38 , x =0 , y =61 , v =3420

$$\mathbf{w}$$
 =6 , h =73 , x =90 , y =0 , v =438

$$\mathbf{w}$$
 =4 , h =73 , x =96 , y =0 , v =292



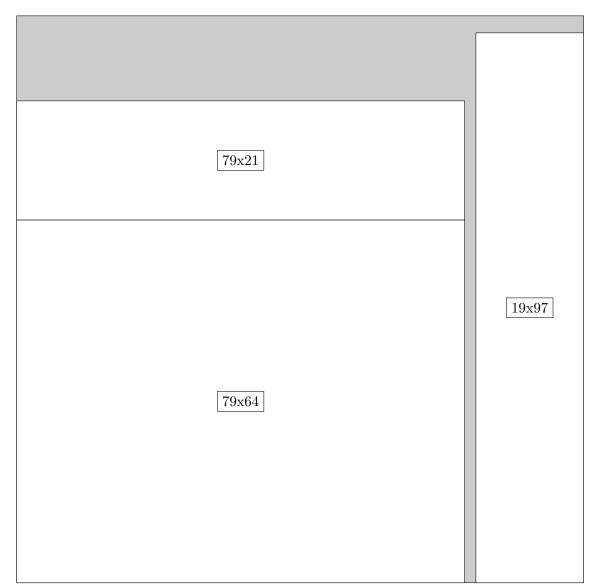
$$\le =86$$
 , $h=62$, $x=0$, $y=0$, $v=5332$

$$w = 94$$
, $h = 28$, $x = 0$, $y = 62$, $v = 2632$

$$w=\!14$$
 , $h=\!31$, $x=\!86$, $y=\!0$, $v=\!434$

$$w$$
 =3 , h =69 , x =97 , y =31 , v =207

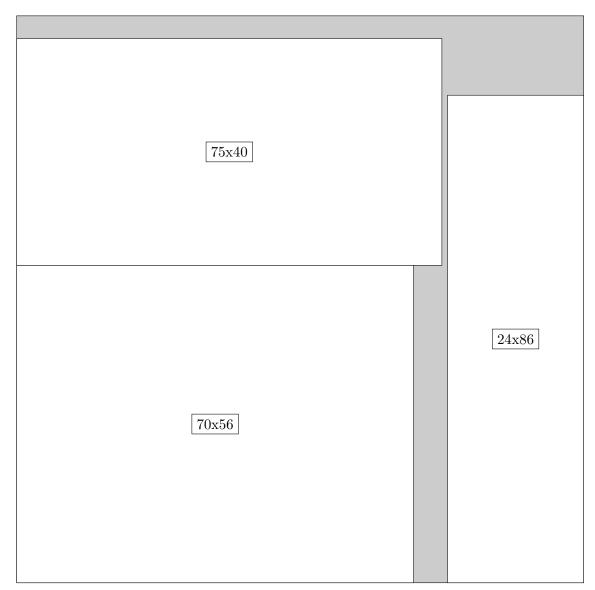
$$\le =11$$
 , h =7 , x =86 , y =31 , v =77



$$\le =79$$
 , h =64 , x =0 , y =0 , v =5056

$$w$$
 =19 , h =97 , x =81 , y =0 , v =1843

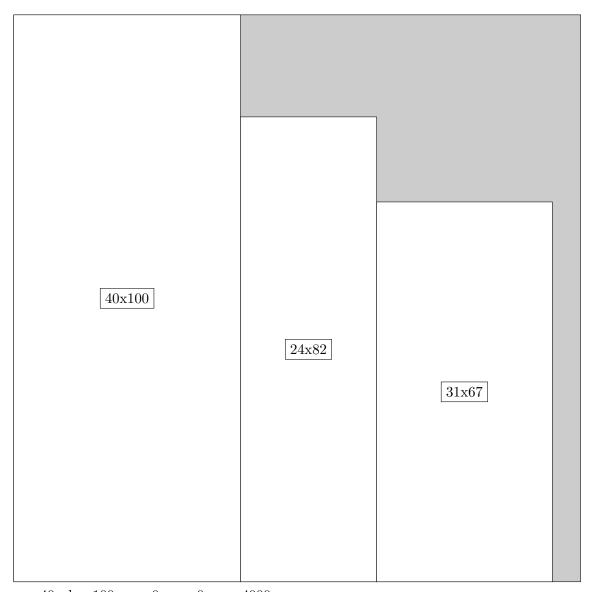
$$\mathbf{w}$$
 =79 , h =21 , x =0 , y =64 , v =1659



$$\mathbf{w}$$
 =70 , h =56 , x =0 , y =0 , v =3920

$$\le =75$$
 , h =40 , x =0 , y =
56 , v =3000

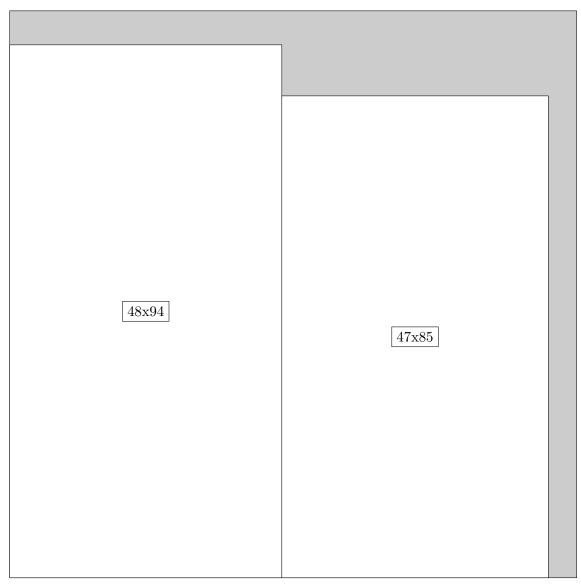
$$\le =24$$
 , h =86 , x =76 , y =0 , v =2064

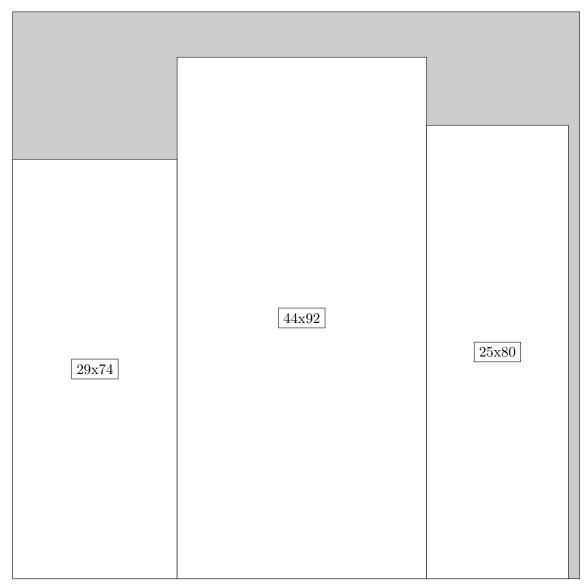


 \mathbf{w} =40 , h =100 , x =0 , y =0 , v =4000

 $\le =31$, h=67 , x=64 , y=0 , v=2077

 $\le =24$, h =82 , x =40 , y =0 , v =1968

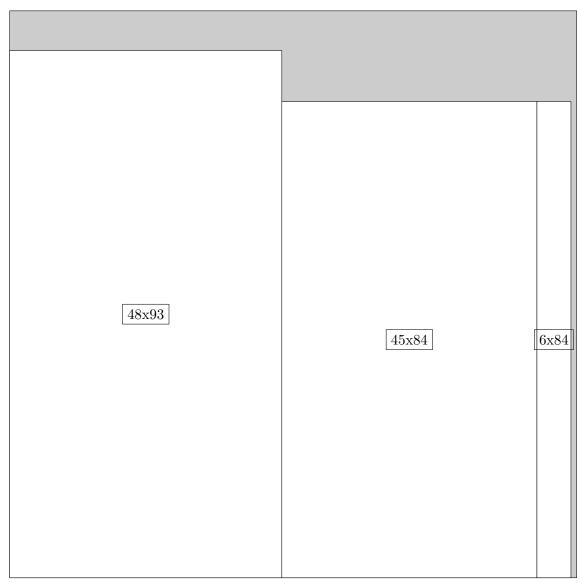




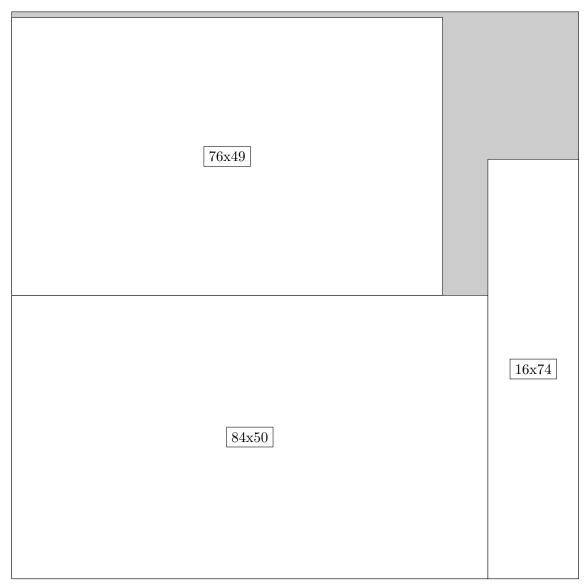
$$w$$
 =29 , h =74 , x =0 , y =0 , v =2146

$$\le =44$$
 , h =92 , x =29 , y =0 , v =4048

$$\le =25$$
 , h =80 , x =73 , y =0 , v =2000



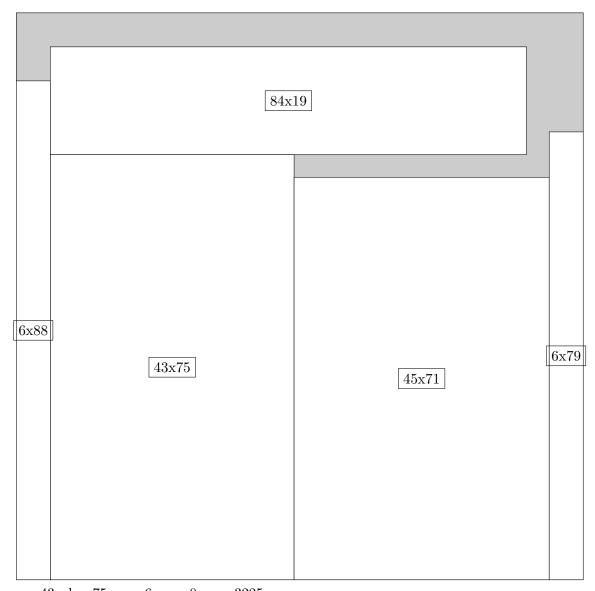
 $\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 93 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4464 \\ w = \!\! 45 \ , \ h = \!\! 84 \ , \ x = \!\! 48 \ , \ y = \!\! 0 \ , \ v = \!\! 3780 \\ w = \!\! 6 \ , \ h = \!\! 84 \ , \ x = \!\! 93 \ , \ y = \!\! 0 \ , \ v = \!\! 504 \end{array}$



$$w = \! 84 \; , \; h = \! 50 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4200$$

$$w$$
 =76 , h =49 , x =0 , y =50 , v =3724

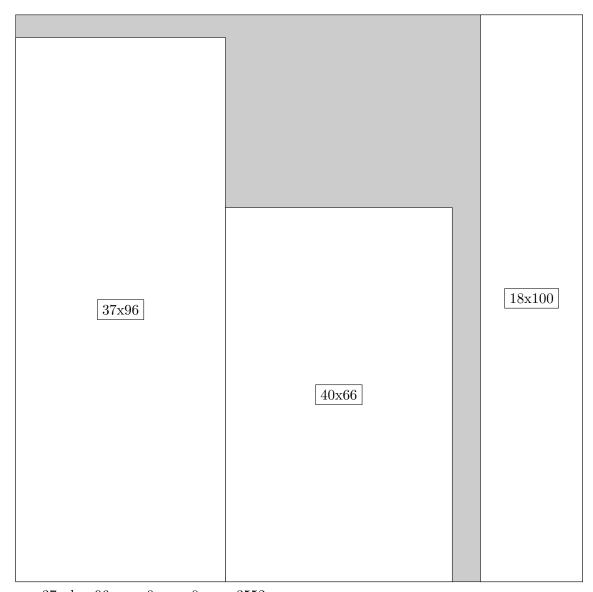
$$\le =16$$
 , $h=74$, $x=84$, $y=0$, $v=1184$



$$w$$
 =84 , h =19 , x =6 , y =75 , v =1596

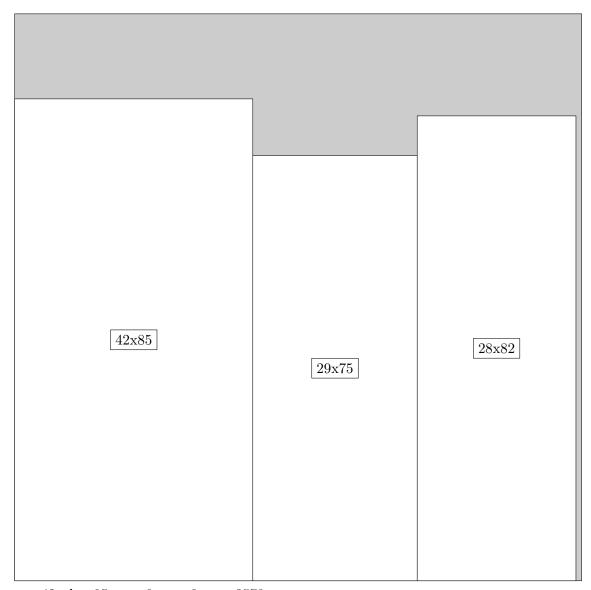
$$\mathbf{w}$$
 =6 , h =88 , x =0 , y =0 , v =528

$$\mathbf{w}$$
 =6 , h =79 , x =94 , y =0 , v =474

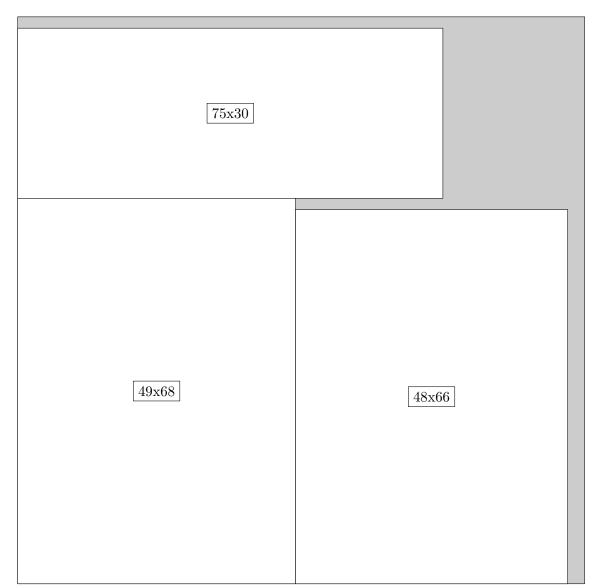


 $\begin{array}{l} w = \!\! 37 \ , \ h = \!\! 96 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3552 \\ w = \!\! 40 \ , \ h = \!\! 66 \ , \ x = \!\! 37 \ , \ y = \!\! 0 \ , \ v = \!\! 2640 \end{array}$

 \mathbf{w} =18 , \mathbf{h} =100 , \mathbf{x} =82 , \mathbf{y} =0 , \mathbf{v} =1800



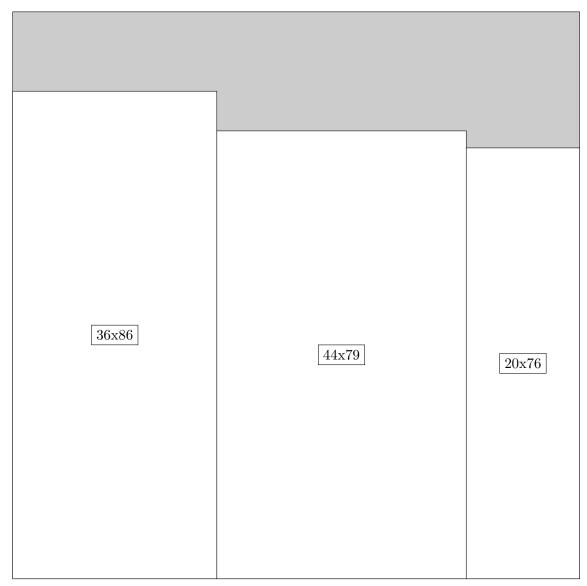
$$\begin{array}{l} w = \!\! 42 \ , \ h = \!\! 85 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3570 \\ w = \!\! 29 \ , \ h = \!\! 75 \ , \ x = \!\! 42 \ , \ y = \!\! 0 \ , \ v = \!\! 2175 \\ w = \!\! 28 \ , \ h = \!\! 82 \ , \ x = \!\! 71 \ , \ y = \!\! 0 \ , \ v = \!\! 2296 \end{array}$$



$$\le =49$$
 , h =68 , x =0 , y =0 , v =3332

$$\le =48$$
 , $h=66$, $x=49$, $y=0$, $v=3168$

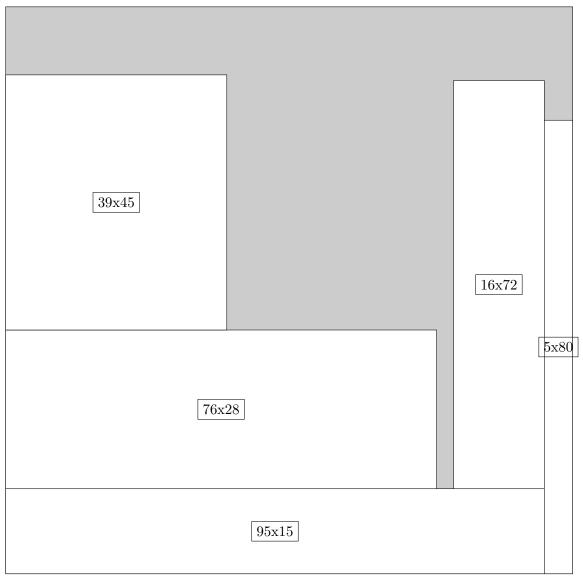
$$\le =75$$
 , h =30 , x =0 , y =68 , v =2250



$$w = 44$$
 , $h = 79$, $x = 36$, $y = 0$, $v = 3476$

$$\le =36$$
 , h =86 , x =0 , y =0 , v =3096

$$\le =20$$
 , h =76 , x =80 , y =0 , v =1520



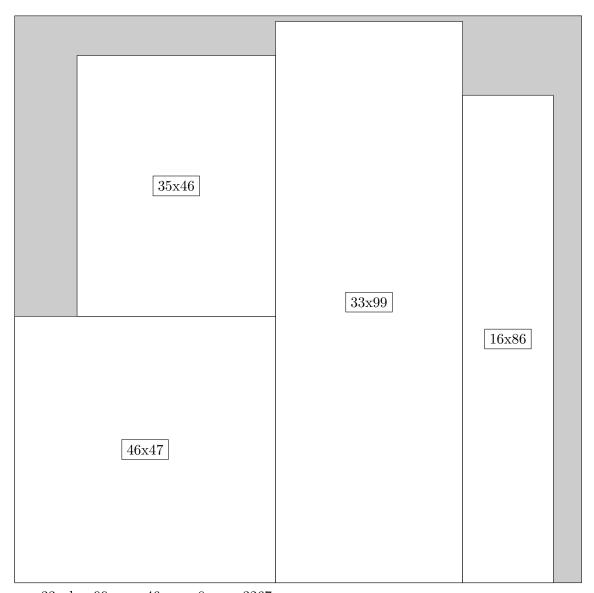
$$\mathbf{w}$$
 =95 , h =15 , x =0 , y =0 , v =1425

$$\le -76$$
 , h =
28 , x =
0 , y =
15 , v =
2128

$$\le =39$$
 , h =45 , x =0 , y =43 , v =1755

$$\mathbf{w}$$
 =16 , h =72 , x =79 , y =15 , v =1152

$$w=\!5$$
 , $h=\!80$, $x=\!95$, $y=\!0$, $v=\!400$



$$\le =33$$
 , h =99 , x =46 , y =0 , v =3267

$$\mathbf{w}$$
 =46 , h =47 , x =0 , y =0 , v =2162

$$\le =35$$
 , h =46 , x =11 , y =47 , v =1610

$$\mathbf{w}$$
 =16 , h =86 , x =79 , y =0 , v =1376