${\bf ClassName:}\ {\bf Class_08.2bp\text{-}39}$

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

TypeNum: <u>79</u> Num: <u>80</u> OutS: <u>240000</u> InS: <u>208285</u> Rate: <u>0.868</u> UB: <u>24</u> LB0: <u>24</u>

LB0: <u>24</u> LB: <u>24</u>

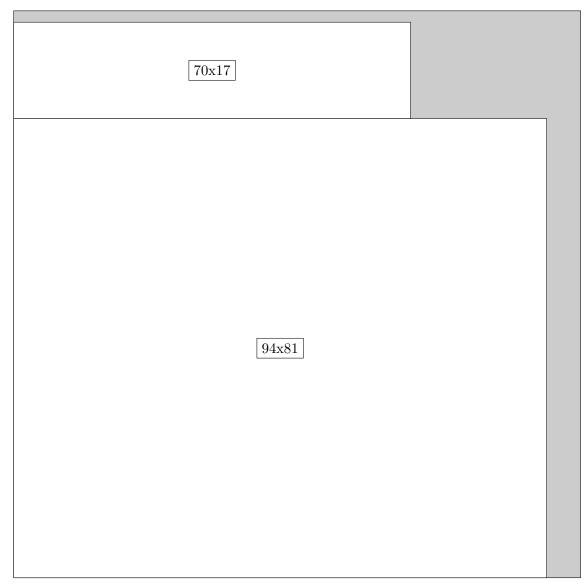
LBWithCut: $\underline{\mathbf{24}}$ NodeCut: $\underline{\mathbf{0}}$

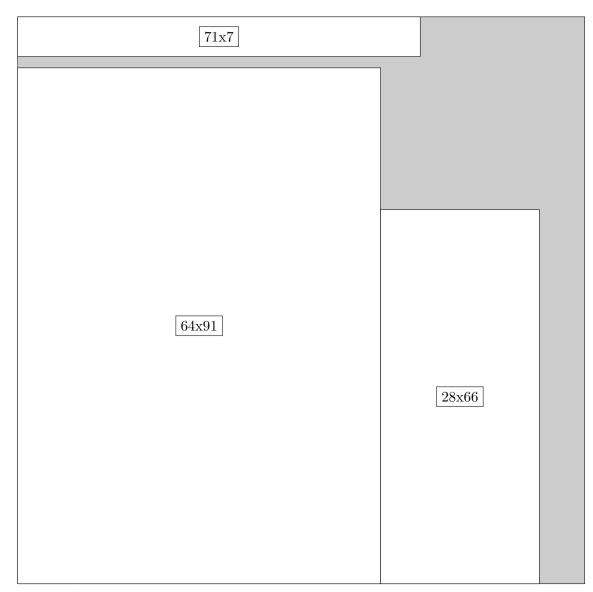
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{24}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

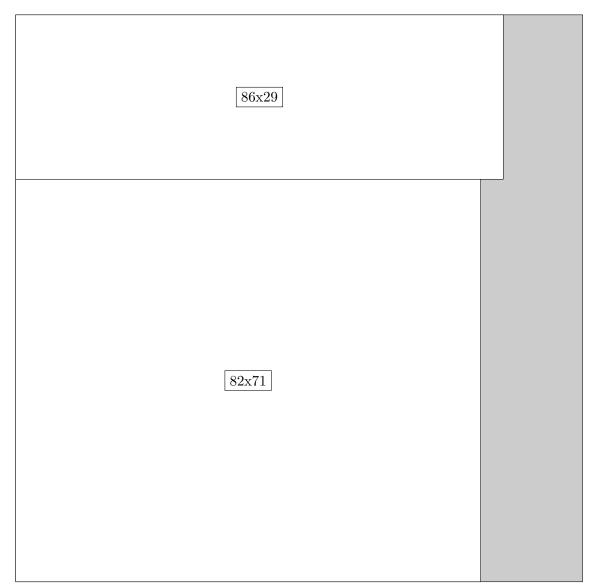
isOpt: $\underline{\mathbf{true}}$

TimeOnInitSolution: 2.690 sTimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 2.815 s

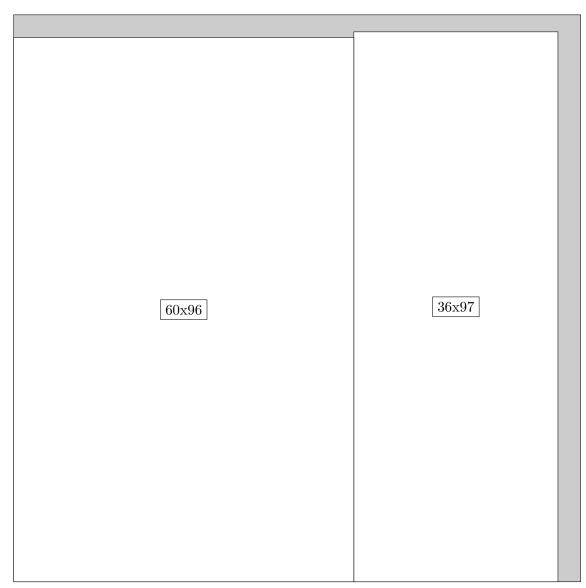




$$\begin{array}{l} w = \!\!64 \; , \; h = \!\!91 \; , \; x = \!\!0 \; , \; y = \!\!0 \; , \; v = \!\!5824 \\ w = \!\!28 \; , \; h = \!\!66 \; , \; x = \!\!64 \; , \; y = \!\!0 \; , \; v = \!\!1848 \\ w = \!\!71 \; , \; h = \!\!7 \; , \; x = \!\!0 \; , \; y = \!\!93 \; , \; v = \!\!497 \end{array}$$



$$\begin{array}{l} w = \!\!82 \ , \ h = \!\!71 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!5822 \\ w = \!\!86 \ , \ h = \!\!29 \ , \ x = \!\!0 \ , \ y = \!\!71 \ , \ v = \!\!2494 \end{array}$$



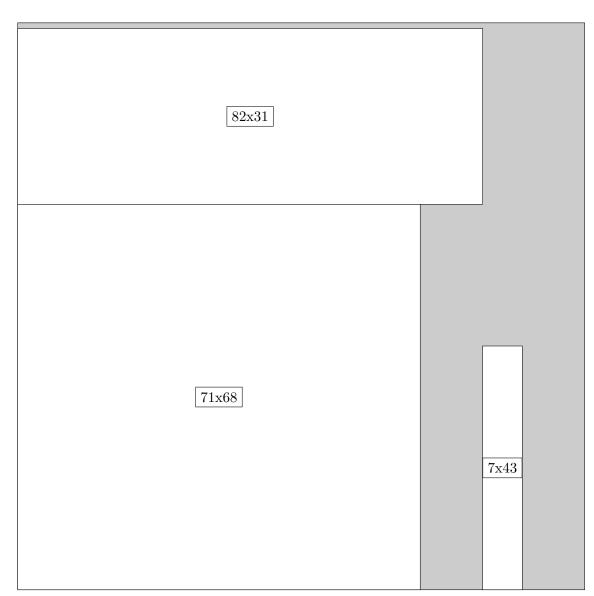
77x15		
$64 \mathrm{x} 85$	[14x85]	22x93

$$w = 64$$
, $h = 85$, $x = 0$, $y = 0$, $v = 5440$

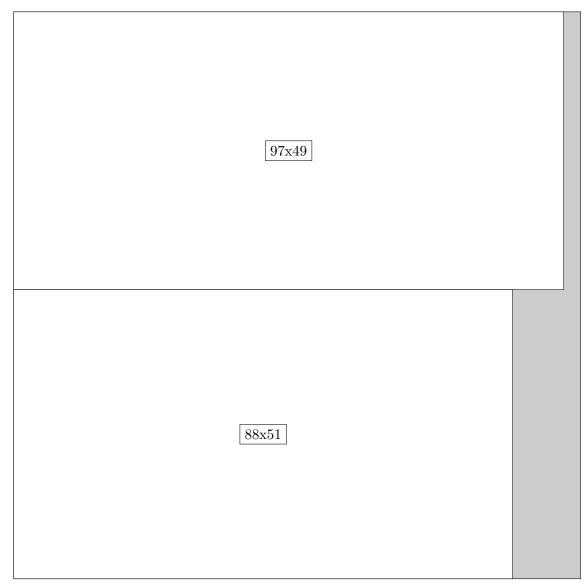
$$\le =22$$
 , h =93 , x =78 , y =0 , v =2046

$$\le =14$$
 , h =
85 , x =
64 , y =
0 , v =
1190

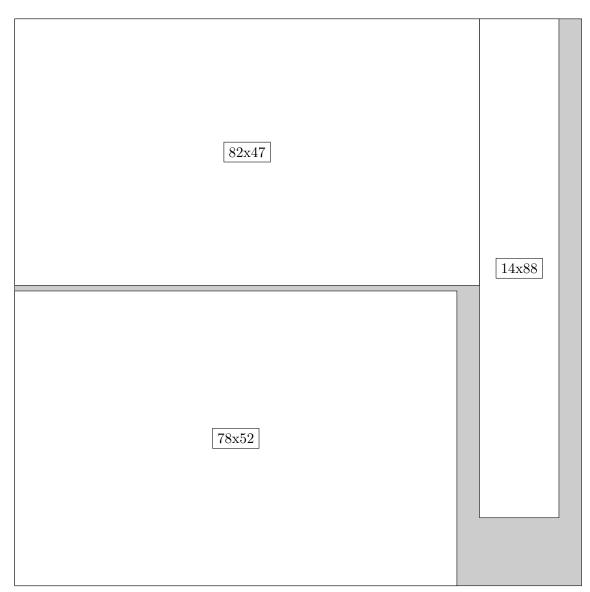
$$\mathbf{w}$$
 =77 , h =15 , x =0 , y =85 , v =1155



$$\begin{array}{l} w = \! 71 \ , \ h = \! 68 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4828 \\ w = \! 82 \ , \ h = \! 31 \ , \ x = \! 0 \ , \ y = \! 68 \ , \ v = \! 2542 \\ w = \! 7 \ , \ h = \! 43 \ , \ x = \! 82 \ , \ y = \! 0 \ , \ v = \! 301 \end{array}$$



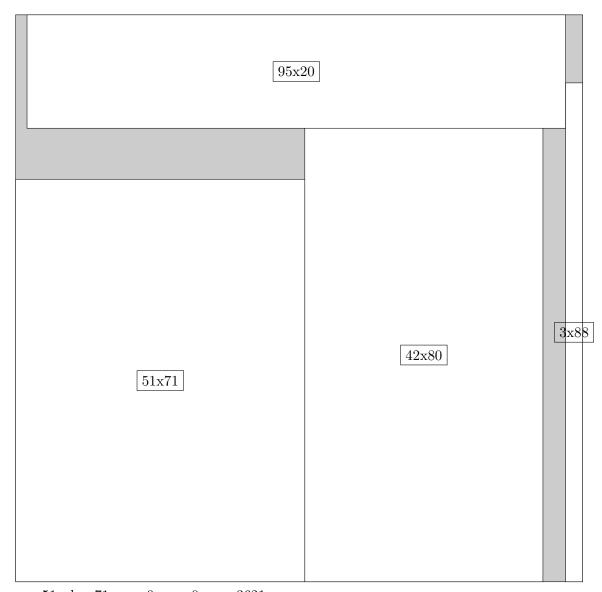
$$\begin{array}{l} w = \! 97 \; , \; h = \! 49 \; , \; x = \! 0 \; , \; y = \! 51 \; , \; v = \! 4753 \\ w = \! 88 \; , \; h = \! 51 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4488 \end{array}$$



$$w = 78$$
, $h = 52$, $x = 0$, $y = 0$, $v = 4056$

$$w$$
 =82 , h =47 , x =0 , y =53 , v =3854

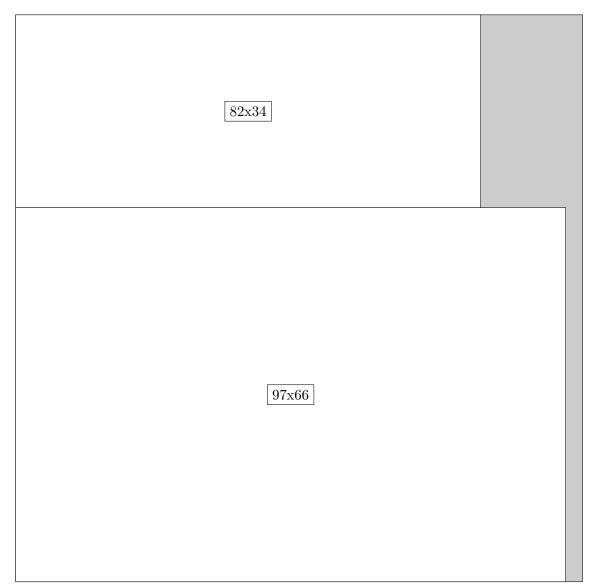
$$\le =14$$
 , h =88 , x =82 , y =12 , v =1232

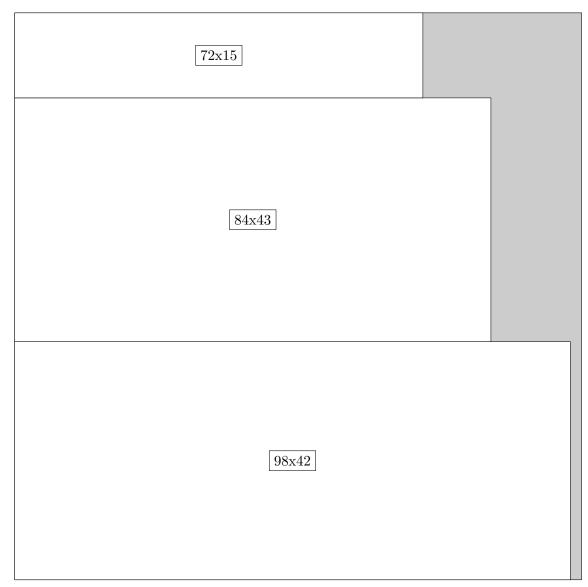


 $\begin{array}{l} w = \!\! 51 \ , \ h = \!\! 71 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3621 \\ w = \!\! 42 \ , \ h = \!\! 80 \ , \ x = \!\! 51 \ , \ y = \!\! 0 \ , \ v = \!\! 3360 \end{array}$

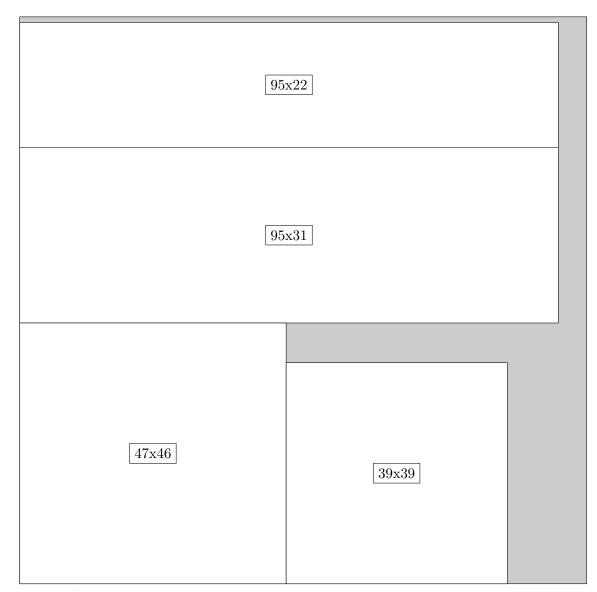
 $\le =95$, h =20 , x =2 , y =80 , v =1900

 $\mathbf{w}=\!3$, $\mathbf{h}=\!88$, $\mathbf{x}=\!97$, $\mathbf{y}=\!0$, $\mathbf{v}=\!264$





$$\begin{array}{l} w = \! 98 \ , \ h = \! 42 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4116 \\ w = \! 84 \ , \ h = \! 43 \ , \ x = \! 0 \ , \ y = \! 42 \ , \ v = \! 3612 \\ w = \! 72 \ , \ h = \! 15 \ , \ x = \! 0 \ , \ y = \! 85 \ , \ v = \! 1080 \end{array}$$

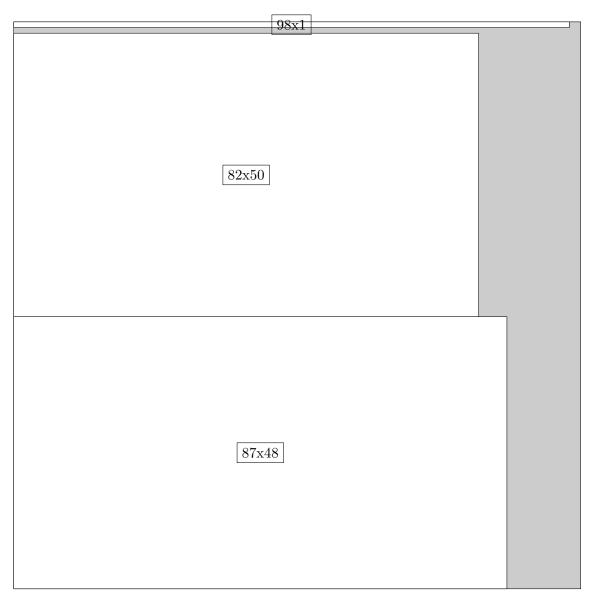


$$\le =95$$
 , h =31 , x =0 , y =46 , v =2945

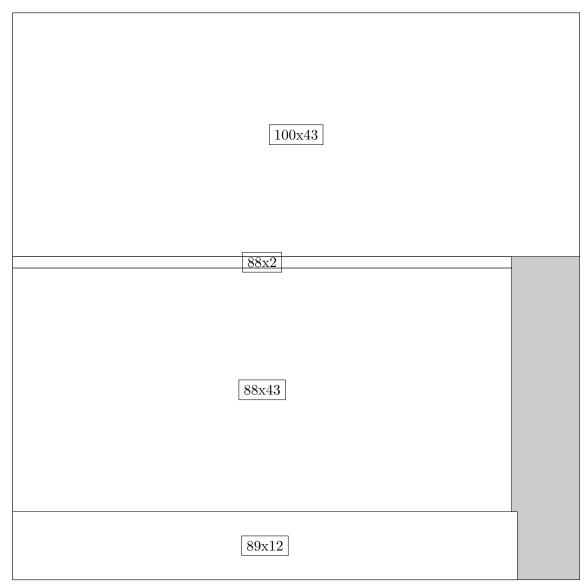
$$\le =47$$
 , $h=46$, $x=0$, $y=0$, $v=2162$

$$\le =95$$
 , h =22 , x =0 , y =77 , v =2090

$$\le =39$$
 , h =39 , x =47 , y =0 , v =1521



$$\begin{array}{l} w = \! 87 \; , \; h = \! 48 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4176 \\ w = \! 82 \; , \; h = \! 50 \; , \; x = \! 0 \; , \; y = \! 48 \; , \; v = \! 4100 \\ w = \! 98 \; , \; h = \! 1 \; , \; x = \! 0 \; , \; y = \! 99 \; , \; v = \! 98 \end{array}$$

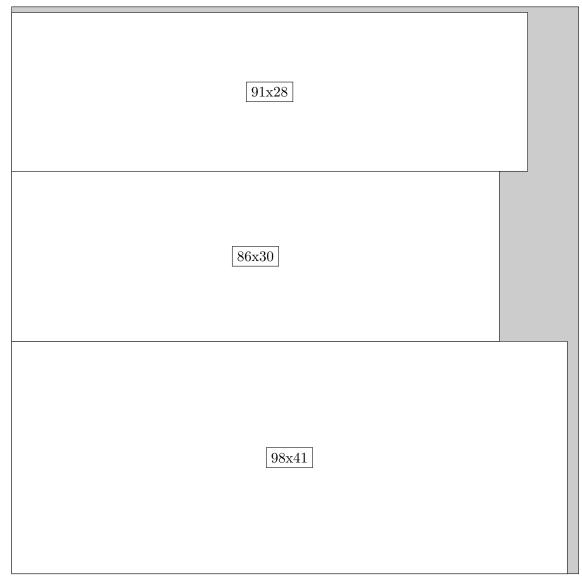


$$w = 100$$
 , $h = 43$, $x = 0$, $y = 57$, $v = 4300$

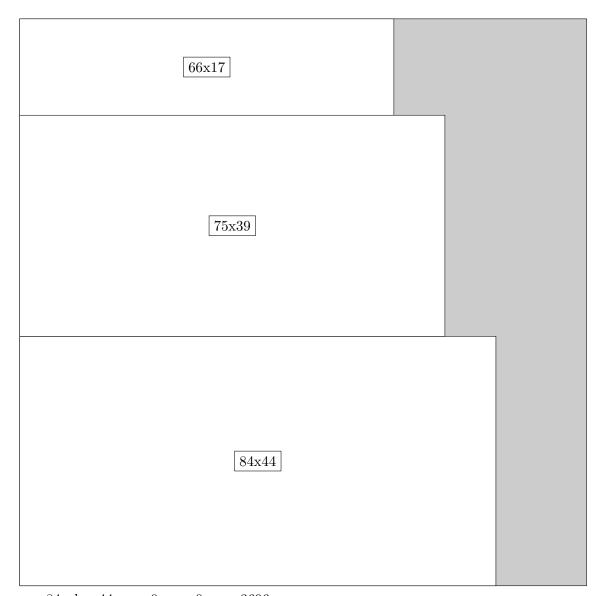
$$\le =88$$
 , h =43 , x =0 , y =12 , v =3784

$$\le =89$$
 , h =12 , x =0 , y =0 , v =
1068

$$\le =88$$
 , h =2 , x =0 , y =
55 , v =
176

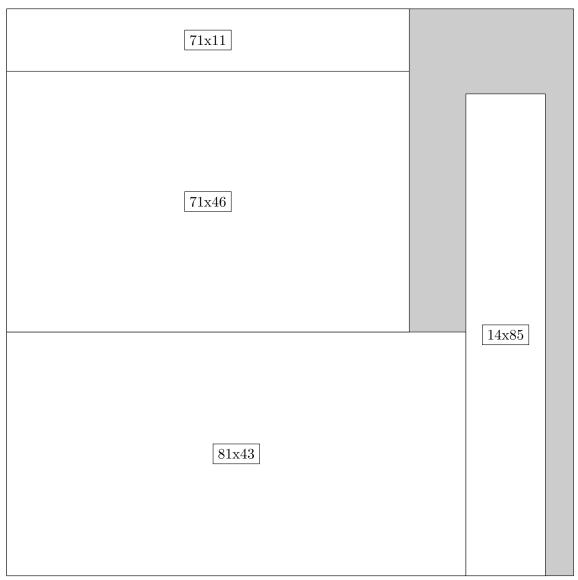


$$\begin{array}{l} w = \! 98 \ , \ h = \! 41 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4018 \\ w = \! 86 \ , \ h = \! 30 \ , \ x = \! 0 \ , \ y = \! 41 \ , \ v = \! 2580 \\ w = \! 91 \ , \ h = \! 28 \ , \ x = \! 0 \ , \ y = \! 71 \ , \ v = \! 2548 \end{array}$$



$$\le =75$$
 , h =39 , x =0 , y =44 , v =2925

$$\le =66$$
 , h =17 , x =0 , y =83 , v =1122

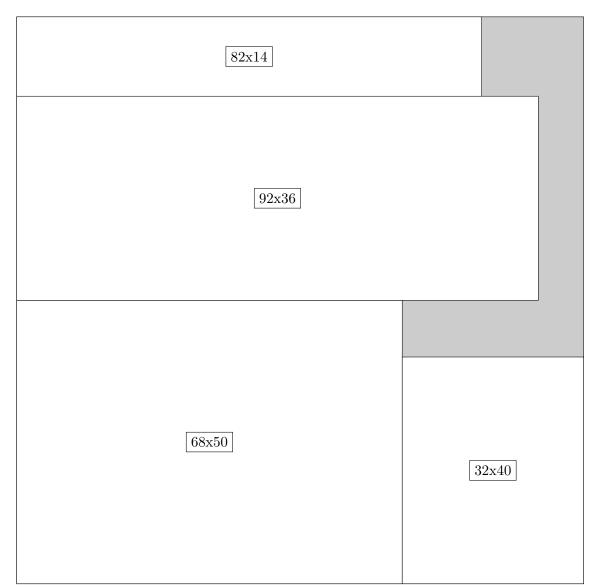


$$\le =81$$
 , $h=43$, $x=0$, $y=0$, $v=3483$

$$\le =71$$
 , h =46 , x =0 , y =43 , v =3266

$$\le =14$$
 , h =
85 , x =
81 , y =
0 , v =
1190

$$\mathbf{w}$$
 =71 , h =11 , x =0 , y =89 , v =781

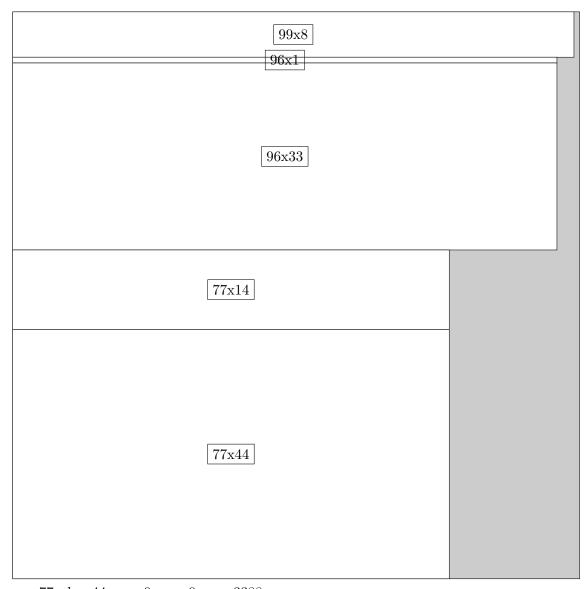


$$\le =68$$
 , h =50 , x =0 , y =0 , v =3400

$$\le =92$$
 , h =36 , x =0 , y =50 , v =3312

$$\le =32$$
 , h =40 , x =68 , y =0 , v =1280

$$\le =82$$
 , h =14 , x =0 , y =86 , v =1148



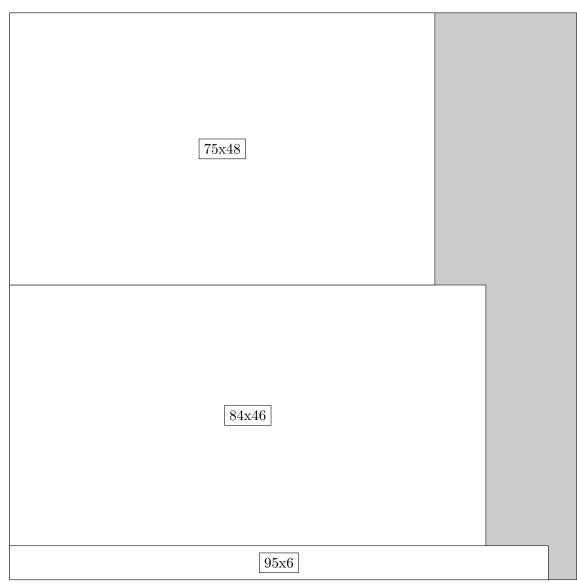
$$\le =77$$
 , h =44 , x =0 , y =0 , v =3388

$$\le =96$$
 , h =33 , x =0 , y =58 , v =3168

$$\mathbf{w}$$
 =77 , \mathbf{h} =14 , \mathbf{x} =0 , \mathbf{y} =44 , \mathbf{v} =1078

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

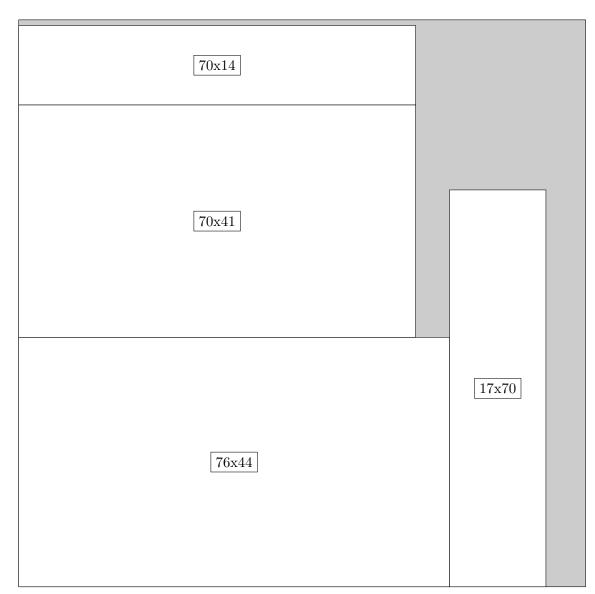
$$\mathbf{w}$$
 =96 , h =1 , x =0 , y =91 , v =96



$$\le =84$$
 , h =46 , x =0 , y =6 , v =3864

$$\le =75$$
 , h =48 , x =0 , y =52 , v =3600

$$\le =95$$
 , h =6 , x =0 , y =0 , v =570

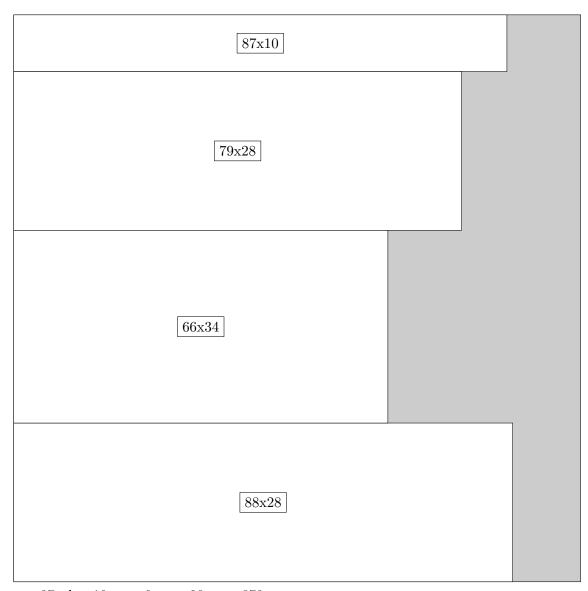


$$w = 76$$
, $h = 44$, $x = 0$, $y = 0$, $v = 3344$

$$w = 70$$
, $h = 41$, $x = 0$, $y = 44$, $v = 2870$

$$\mathbf{w}$$
 =17 , h =70 , x =76 , y =0 , v =1190

$$\le =70$$
 , h =14 , x =0 , y =85 , v =980

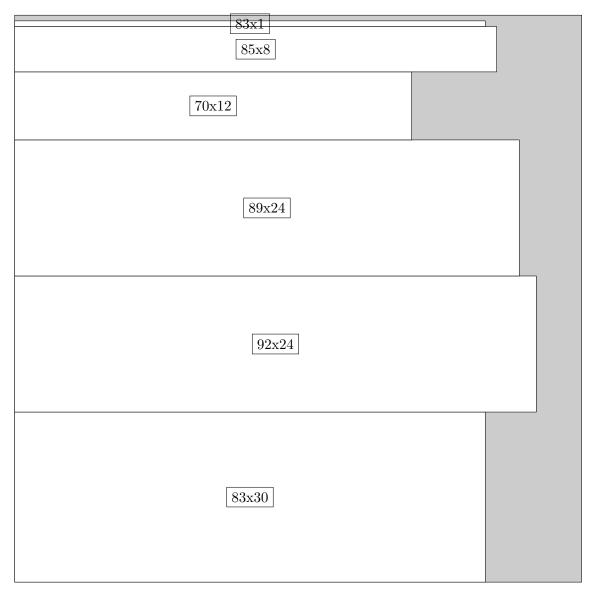


$$\le =87$$
 , h =10 , x =0 , y =90 , v =870

$$\le =88$$
 , h =28 , x =0 , y =0 , v =2464

$$\le =66$$
 , h =34 , x =0 , y =28 , v =2244

$$\le =79$$
 , h =28 , x =0 , y =62 , v =2212



$$\le =83$$
 , h =30 , x =0 , y =0 , v =2490

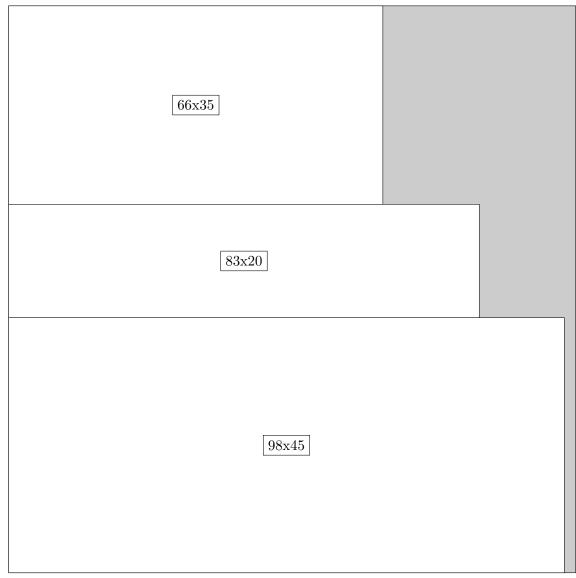
$$\le =92$$
 , h =24 , x =0 , y =30 , v =2208

$$\le =89$$
 , h =24 , x =0 , y =54 , v =2136

$$w=\!70$$
 , $h=\!12$, $x=\!0$, $y=\!78$, $v=\!840$

$$\le =85$$
 , $h=8$, $x=0$, $y=90$, $v=680$

$$\le =83$$
 , $h=1$, $x=0$, $y=98$, $v=83$



$$\le =98$$
 , h =45 , x =0 , y =0 , v =4410

$$\le =66$$
 , $h=35$, $x=0$, $y=65$, $v=2310$

$$\le =83$$
 , h =20 , x =0 , y =45 , v =1660