${\bf ClassName:}~{\bf Class_08.2bp\text{-}33}$

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>200000</u> InS: <u>171793</u> Rate: <u>0.859</u> UB: <u>20</u> LB0: <u>20</u> LB: <u>20</u>

LBWithCut: $\underline{20}$ NodeCut: $\underline{0}$

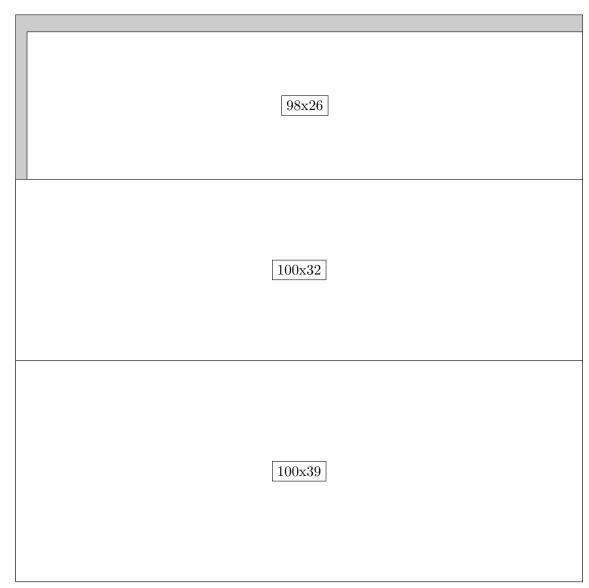
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{20}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

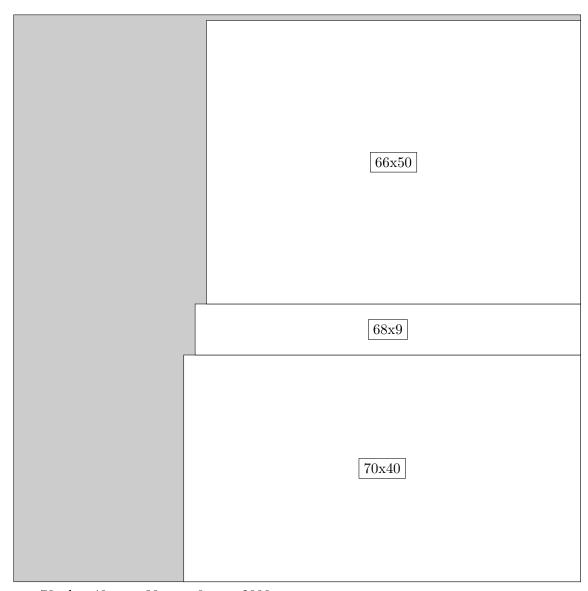
isOpt: $\underline{\mathbf{true}}$

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 600.328 s



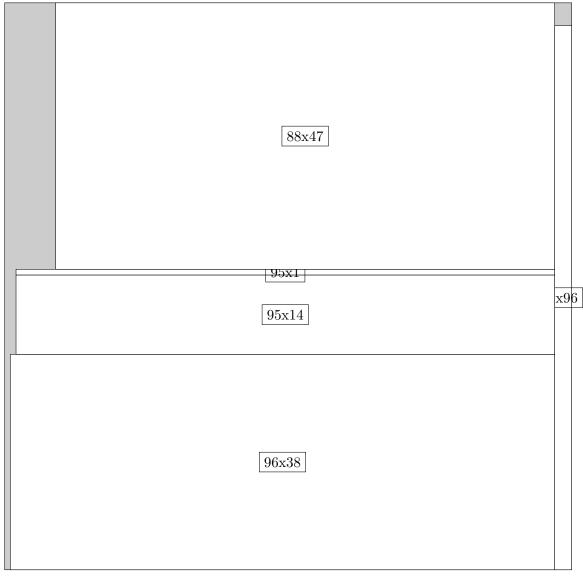
 $\begin{array}{l} w = \! 100 \ , \ h = \! 39 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3900 \\ w = \! 100 \ , \ h = \! 32 \ , \ x = \! 0 \ , \ y = \! 39 \ , \ v = \! 3200 \\ w = \! 98 \ , \ h = \! 26 \ , \ x = \! 2 \ , \ y = \! 71 \ , \ v = \! 2548 \end{array}$



$$\le =70$$
 , h =40 , x =30 , y =0 , v =2800

$$\mathbf{w}$$
 =68 , h =9 , x =32 , y =40 , v =612

$$\le =66$$
 , h =50 , x =34 , y =49 , v =3300



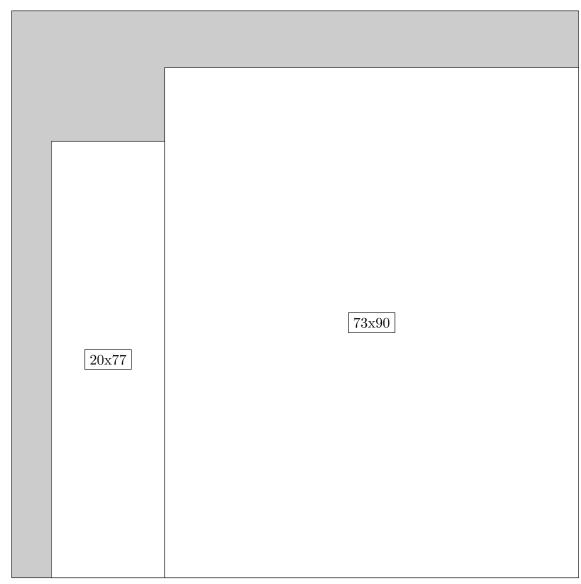
$$\le 3$$
 , h =
96 , x =
97 , y =
0 , v =
288

$$\le =96$$
 , $h=38$, $x=1$, $y=0$, $v=3648$

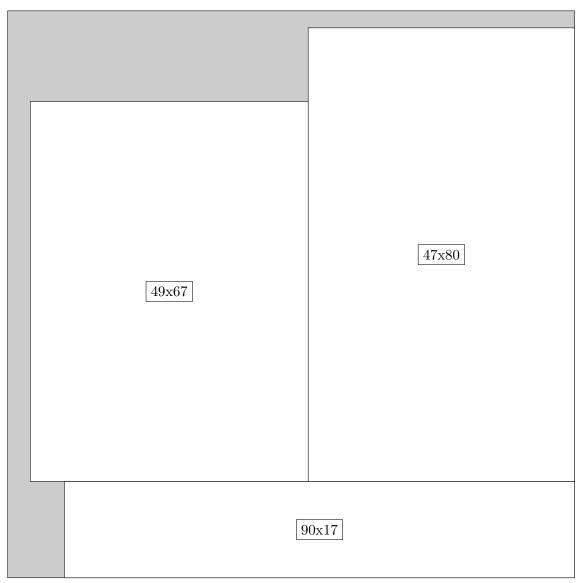
$$\le =95$$
 , h =14 , x =2 , y =38 , v =1330

$$\le =95$$
 , h =1 , x =2 , y =52 , v =95

$$\le =88$$
 , h =47 , x =9 , y =53 , v =4136



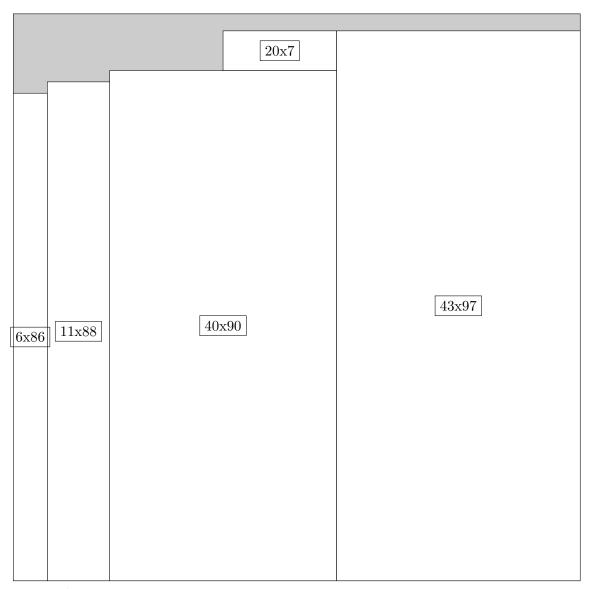
$$\begin{array}{l} w = \!\!\! 73 \ , \ h = \!\!\! 90 \ , \ x = \!\!\! 27 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 6570 \\ w = \!\!\! 20 \ , \ h = \!\!\! 77 \ , \ x = \!\!\! 7 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 1540 \end{array}$$



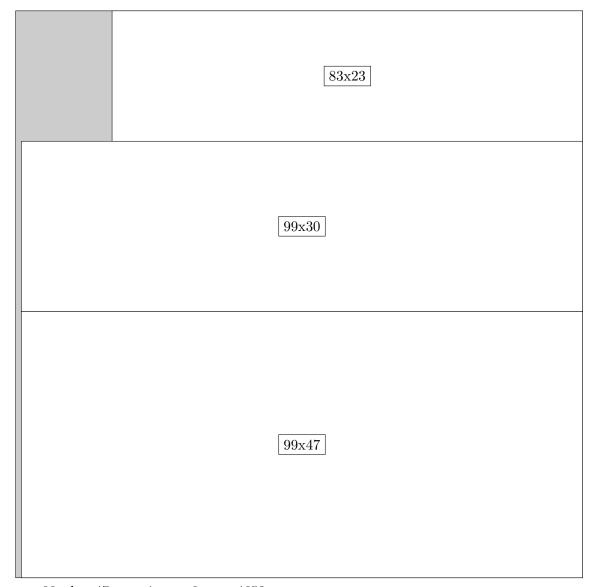
$$\le =90$$
 , h =17 , x =10 , y =0 , v =1530

$$\le =47$$
 , h =80 , x =53 , y =17 , v =3760

$$\le =49$$
 , $h=67$, $x=4$, $y=17$, $v=3283$

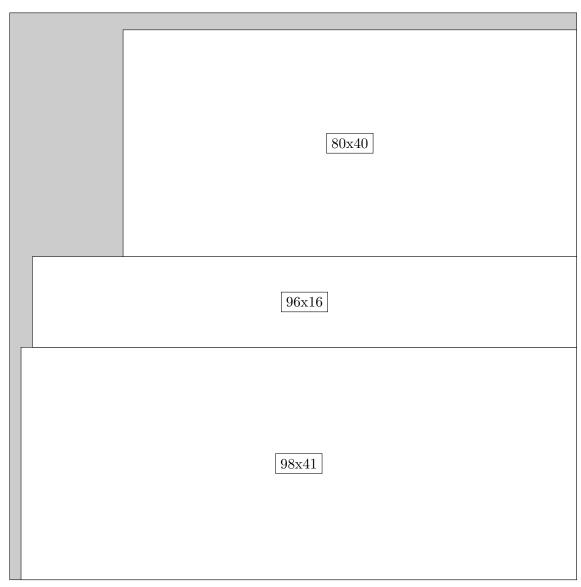


 $\begin{array}{l} w = \! 43 \; , \; h = \! 97 \; , \; x = \! 57 \; , \; y = \! 0 \; , \; v = \! 4171 \\ w = \! 40 \; , \; h = \! 90 \; , \; x = \! 17 \; , \; y = \! 0 \; , \; v = \! 3600 \\ w = \! 20 \; , \; h = \! 7 \; , \; x = \! 37 \; , \; y = \! 90 \; , \; v = \! 140 \\ w = \! 11 \; , \; h = \! 88 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 968 \\ w = \! 6 \; , \; h = \! 86 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 516 \end{array}$



$$\begin{array}{l} w = \! 99 \ , \ h = \! 47 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 4653 \\ w = \! 99 \ , \ h = \! 30 \ , \ x = \! 1 \ , \ y = \! 47 \ , \ v = \! 2970 \end{array}$$

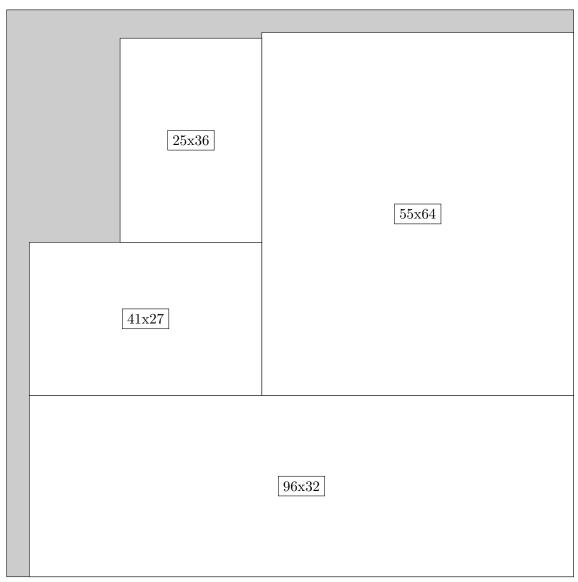
$$\le =83$$
 , h =23 , x =17 , y =77 , v =1909



$$w$$
 =98 , h =41 , x =2 , y =0 , v =4018

$$\le =96$$
 , h =16 , x =4 , y =41 , v =1536

$$\le =80$$
 , h =40 , x =20 , y =57 , v =3200

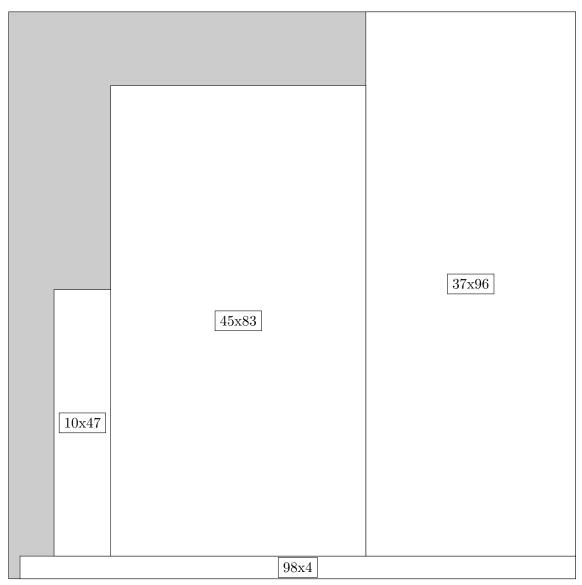


$$\le =96$$
 , h =32 , x =4 , y =0 , v =3072

$$\le =55$$
 , h =64 , x =45 , y =32 , v =3520

$$\le =41$$
 , $h=27$, $x=4$, $y=32$, $v=1107$

$$\le =25$$
 , h =36 , x =20 , y =59 , v =900



$$\le =98$$
 , h =4 , x =2 , y =0 , v =392

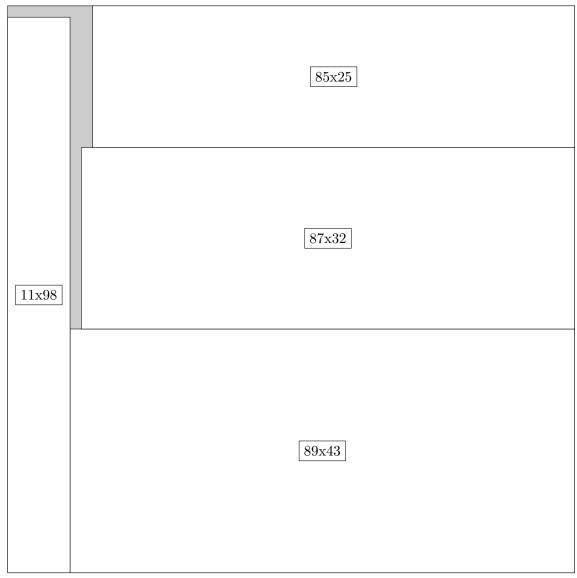
$$\le =37$$
 , h =96 , x =63 , y =4 , v =3552

$$\le =45$$
 , h =83 , x =18 , y =4 , v =3735

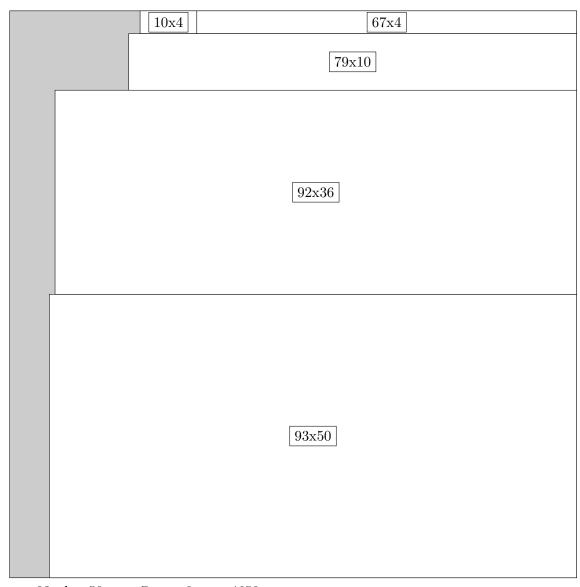
$$w$$
 =10 , h =47 , x =8 , y =4 , v =470



$$\begin{array}{l} w = \! 83 \ , \ h = \! 46 \ , \ x = \! 17 \ , \ y = \! 0 \ , \ v = \! 3818 \\ w = \! 71 \ , \ h = \! 47 \ , \ x = \! 29 \ , \ y = \! 46 \ , \ v = \! 3337 \end{array}$$



$$\begin{array}{l} w = \! 89 \ , \ h = \! 43 \ , \ x = \! 11 \ , \ y = \! 0 \ , \ v = \! 3827 \\ w = \! 87 \ , \ h = \! 32 \ , \ x = \! 13 \ , \ y = \! 43 \ , \ v = \! 2784 \\ w = \! 85 \ , \ h = \! 25 \ , \ x = \! 15 \ , \ y = \! 75 \ , \ v = \! 2125 \\ w = \! 11 \ , \ h = \! 98 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1078 \end{array}$$



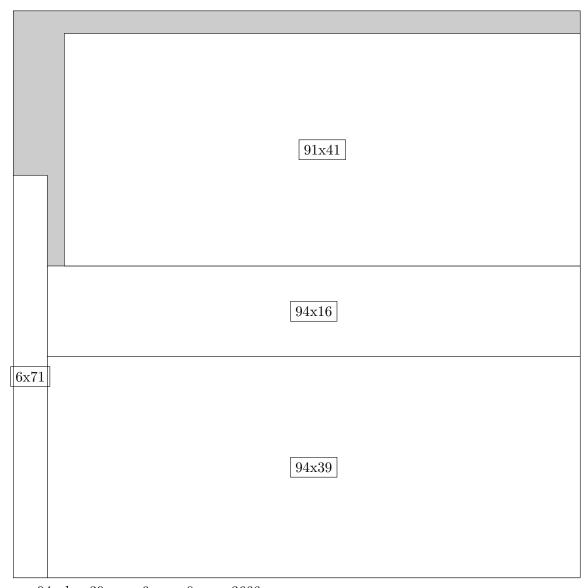
$$\le =93$$
 , h =50 , x =7 , y =0 , v =4650

$$\le =92$$
 , h =36 , x =8 , y =50 , v =3312

$$w = 79$$
, $h = 10$, $x = 21$, $y = 86$, $v = 790$

$$\mathbf{w}$$
 =67 , h =4 , x =33 , y =96 , v =268

$$w = 10$$
, $h = 4$, $x = 23$, $y = 96$, $v = 40$

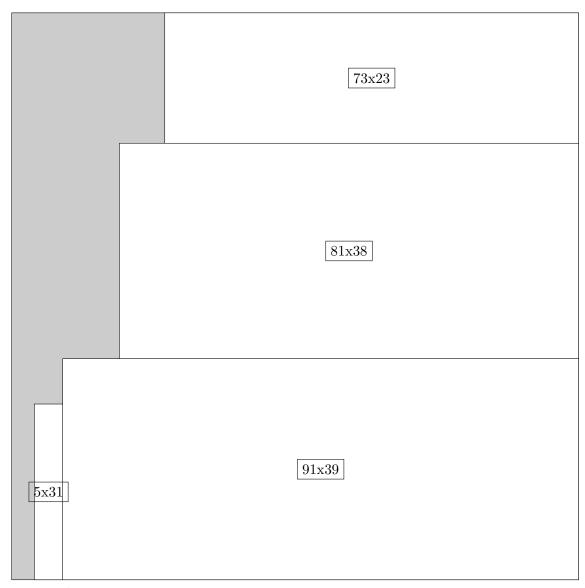


$$\begin{array}{l} w = \! 94 \ , \ h = \! 39 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 3666 \\ w = \! 94 \ , \ h = \! 16 \ , \ x = \! 6 \ , \ y = \! 39 \ , \ v = \! 1504 \end{array}$$

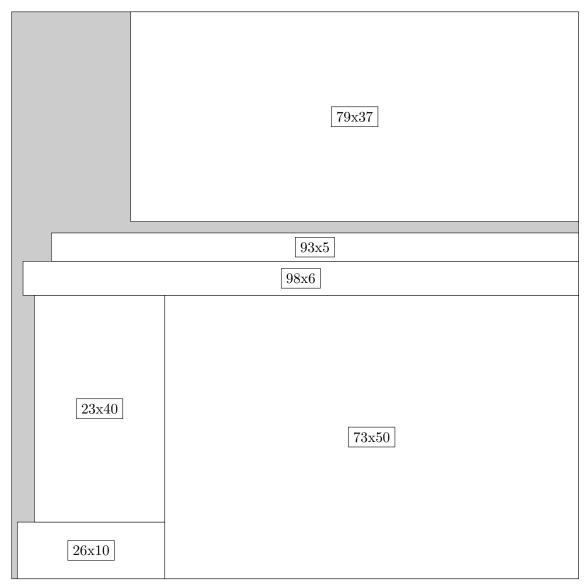
$$w = 91$$
, $h = 41$, $x = 9$, $v = 55$, $v = 3731$

$$\le =91$$
 , h =41 , x =9 , y =55 , v =3731

$$\mathbf{w}$$
 =6 , h =71 , x =0 , y =0 , v =426



 $\begin{array}{l} w = \! 91 \; , \; h = \! 39 \; , \; x = \! 9 \; , \; y = \! 0 \; , \; v = \! 3549 \\ w = \! 5 \; , \; h = \! 31 \; , \; x = \! 4 \; , \; y = \! 0 \; , \; v = \! 155 \\ w = \! 81 \; , \; h = \! 38 \; , \; x = \! 19 \; , \; y = \! 39 \; , \; v = \! 3078 \\ w = \! 73 \; , \; h = \! 23 \; , \; x = \! 27 \; , \; y = \! 77 \; , \; v = \! 1679 \end{array}$



$$\le =73$$
 , h =50 , x =27 , y =0 , v =3650

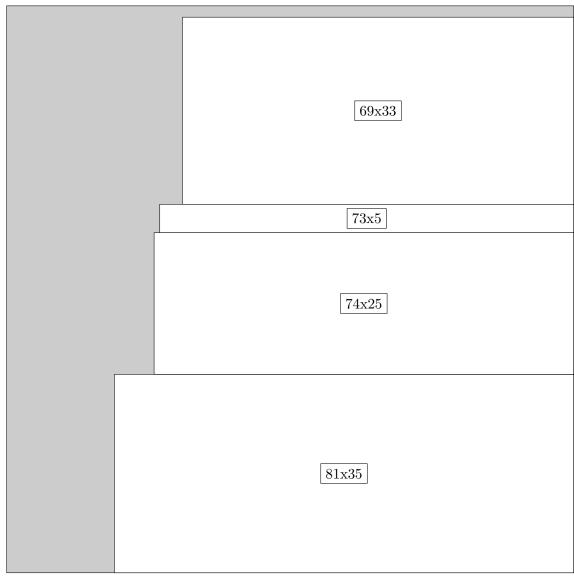
$$\le =26$$
 , h =10 , x =1 , y =0 , v =260

$$\le =23$$
 , $h=40$, $x=4$, $y=10$, $v=920$

$$\le =98$$
 , h =6 , x =2 , y =50 , v =588

$$w = 93$$
, $h = 5$, $x = 7$, $y = 56$, $v = 465$

$$w$$
 =79 , h =37 , x =21 , y =63 , v =2923

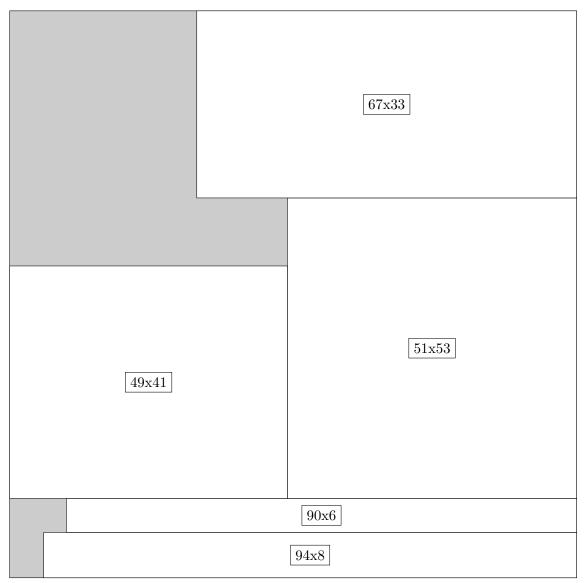


$$\le =81$$
 , $h=35$, $x=19$, $y=0$, $v=2835$

$$\le =74$$
 , h =25 , x =26 , y =35 , v =1850

$$\le =73$$
 , h =5 , x =27 , y =60 , v =365

$$\le =69$$
 , h =33 , x =31 , y =65 , v =2277



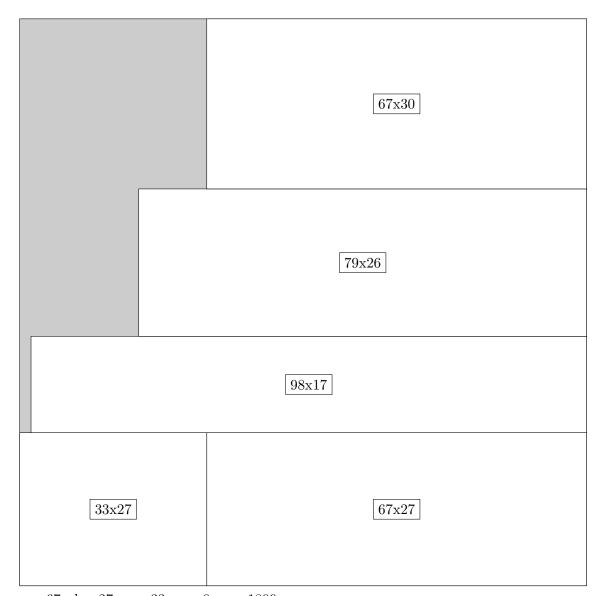
$$\le =94$$
 , $h=8$, $x=6$, $y=0$, $v=752$

$$\le =90$$
 , h =6 , x =10 , y =8 , v =
540

$$\le =51$$
 , h =53 , x =49 , y =14 , v =2703

$$\le =49$$
 , h =41 , x =0 , y =14 , v =2009

$$\le =67$$
 , h =33 , x =33 , y =67 , v =2211



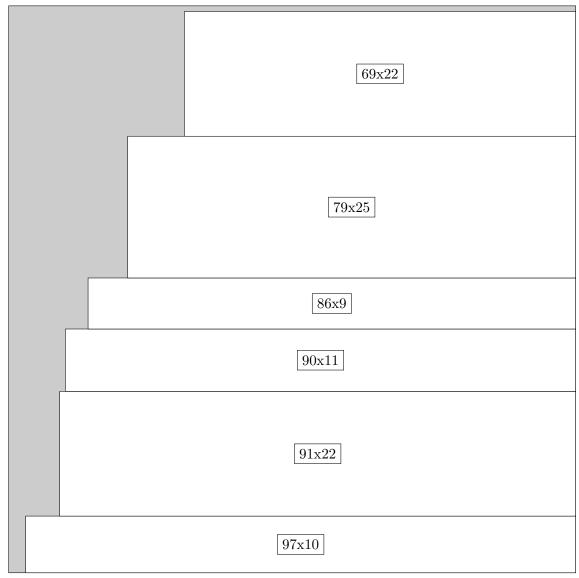
$$\le =67$$
 , h =27 , x =33 , y =0 , v =1809

$$\le =33$$
 , h =27 , x =0 , y =0 , v =891

$$\le =98$$
 , h =17 , x =2 , y =27 , v =1666

$$w$$
 =79 , h =26 , x =21 , y =44 , v =2054

$$\le =67$$
 , h =30 , x =33 , y =70 , v =2010



$$w = 97$$
, $h = 10$, $x = 3$, $y = 0$, $v = 970$

$$w = 91$$
, $h = 22$, $x = 9$, $y = 10$, $v = 2002$

$$\le =90$$
 , h =11 , x =10 , y =32 , v =990

$$w$$
 =86 , h =9 , x =14 , y =43 , v =774

$$\le =79$$
 , h =25 , x =21 , y =52 , v =1975

$$w$$
 =69 , h =22 , x =31 , y =77 , v =1518