${\bf ClassName:}\ {\bf Class_08.2bp\text{-}32}$

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>210000</u> InS: <u>173150</u> Rate: <u>0.825</u> UB: <u>21</u>

UB: <u>21</u> LB0: <u>20</u> LB: <u>21</u>

LBWithCut: $\underline{\mathbf{21}}$ NodeCut: $\underline{\mathbf{0}}$

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

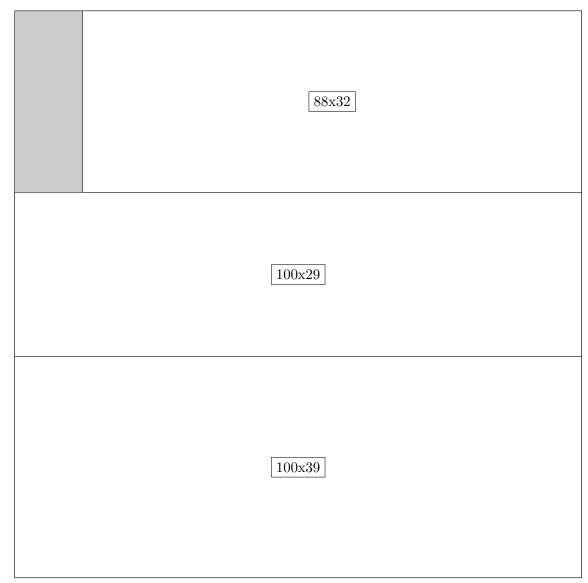
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{67}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{47}}$ PricingSolverCnt: $\underline{\mathbf{47}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

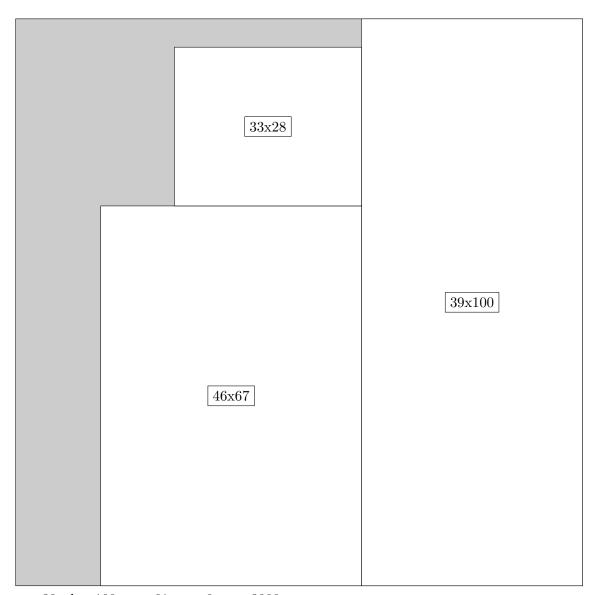
TimeOnInitSolution: $\underline{600.000 \text{ s}}$

 $\begin{array}{ll} {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{2999.623 \ s} \end{array}$

TimeOnRmp: $\underline{0.125}$ s TotalTime: $\underline{3600.014}$ s



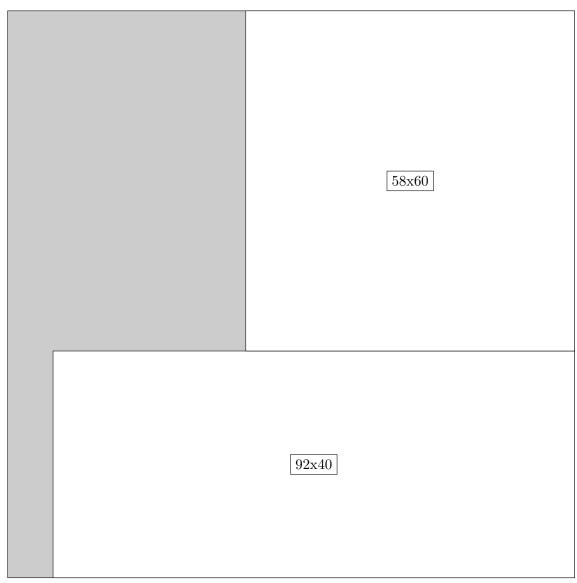
$$\begin{array}{l} w = \! 100 \ , \ h = \! 39 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3900 \\ w = \! 100 \ , \ h = \! 29 \ , \ x = \! 0 \ , \ y = \! 39 \ , \ v = \! 2900 \\ w = \! 88 \ , \ h = \! 32 \ , \ x = \! 12 \ , \ y = \! 68 \ , \ v = \! 2816 \end{array}$$



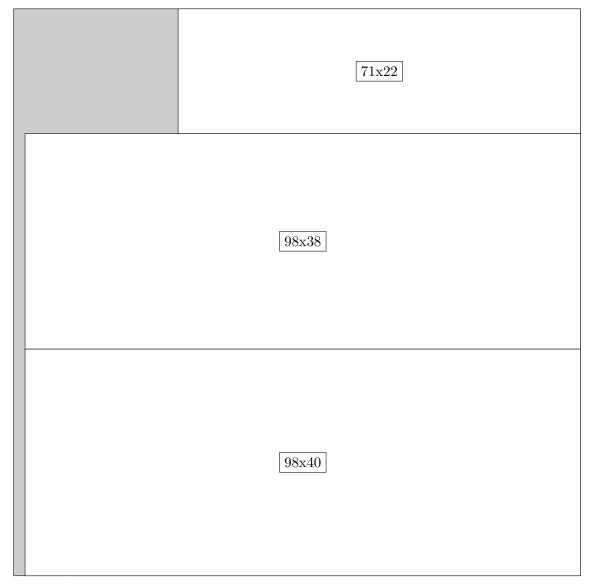
$$\le =39$$
 , h =100 , x =61 , y =0 , v =3900

$$\le =46$$
 , $h=67$, $x=15$, $y=0$, $v=3082$

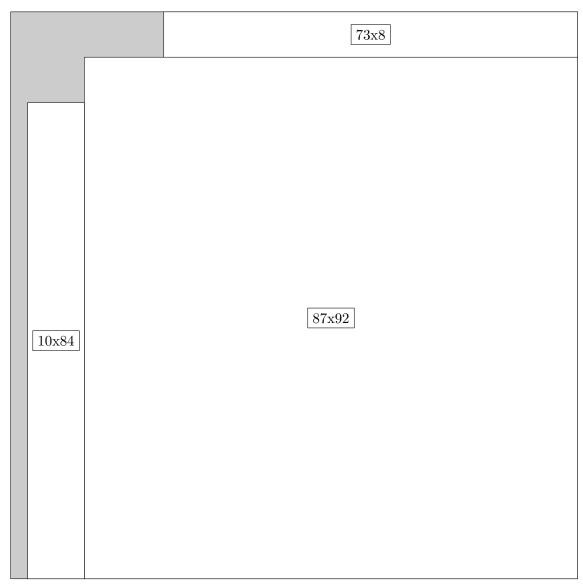
$$\le =33$$
 , $h=28$, $x=28$, $y=67$, $v=924$



$$\begin{array}{l} w = 92 \; , \; h = \!\! 40 \; , \; x = \!\! 8 \; , \; y = \!\! 0 \; , \; v = \!\! 3680 \\ w = \!\! 58 \; , \; h = \!\! 60 \; , \; x = \!\! 42 \; , \; y = \!\! 40 \; , \; v = \!\! 3480 \end{array}$$



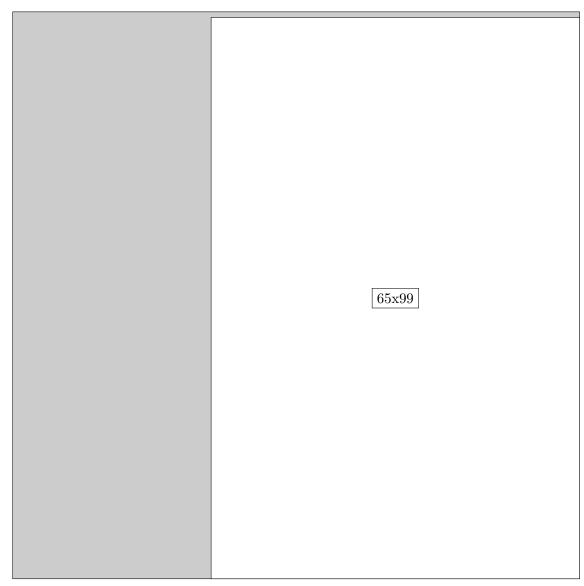
$$\begin{array}{l} w = \! 98 \ , \ h = \! 40 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 3920 \\ w = \! 98 \ , \ h = \! 38 \ , \ x = \! 2 \ , \ y = \! 40 \ , \ v = \! 3724 \\ w = \! 71 \ , \ h = \! 22 \ , \ x = \! 29 \ , \ y = \! 78 \ , \ v = \! 1562 \end{array}$$



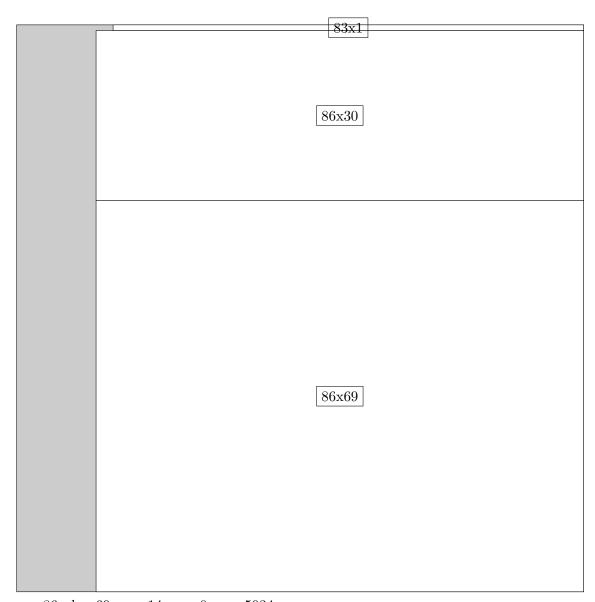
$$w$$
 =87 , h =92 , x =13 , y =0 , v =8004

$$\le =10$$
 , $h=84$, $x=3$, $y=0$, $v=840$

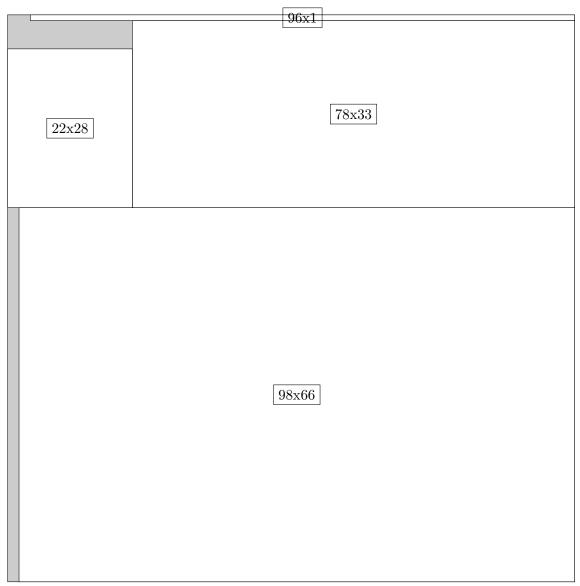
$$\le =73$$
 , h =8 , x =27 , y =92 , v =584



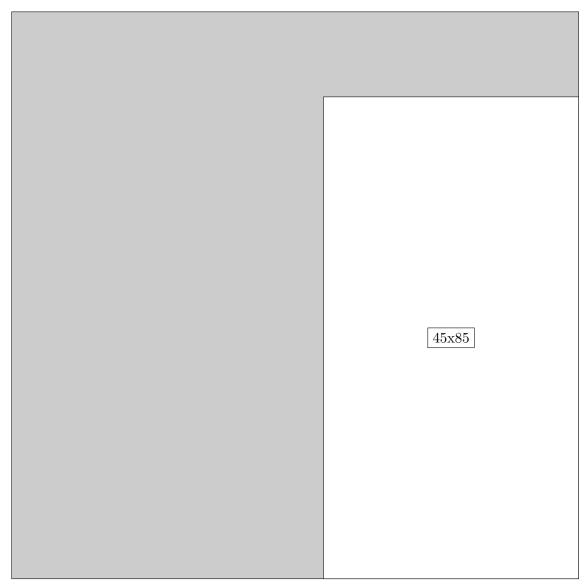
 $\le =65$, h =99 , x =35 , y =0 , v =6435



 $\begin{array}{l} w = & 86 \ , \ h = & 69 \ , \ x = & 14 \ , \ y = & 0 \ , \ v = & 5934 \\ w = & 86 \ , \ h = & 30 \ , \ x = & 14 \ , \ y = & 69 \ , \ v = & 2580 \\ w = & 83 \ , \ h = & 1 \ , \ x = & 17 \ , \ y = & 99 \ , \ v = & 83 \end{array}$



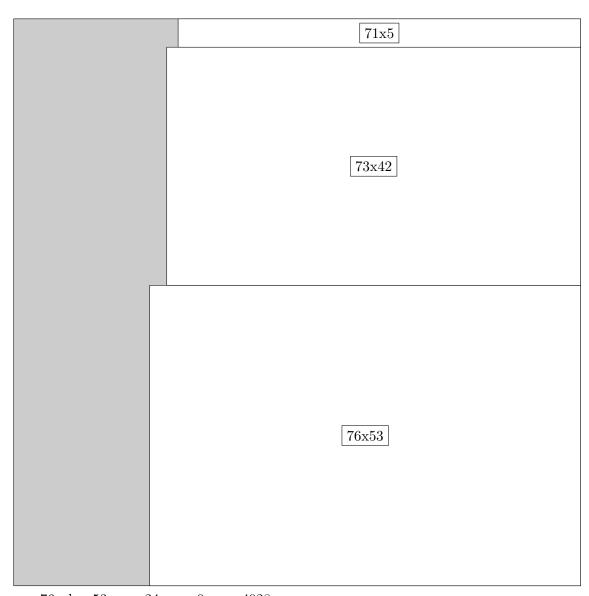
$$\begin{array}{l} w = 98 \; , \, h = 66 \; , \, x = 2 \; , \, y = 0 \; , \, v = 6468 \\ w = 78 \; , \, h = 33 \; , \, x = 22 \; , \, y = 66 \; , \, v = 2574 \\ w = 22 \; , \, h = 28 \; , \, x = 0 \; , \, y = 66 \; , \, v = 616 \\ w = 96 \; , \, h = 1 \; , \, x = 4 \; , \, y = 99 \; , \, v = 96 \end{array}$$

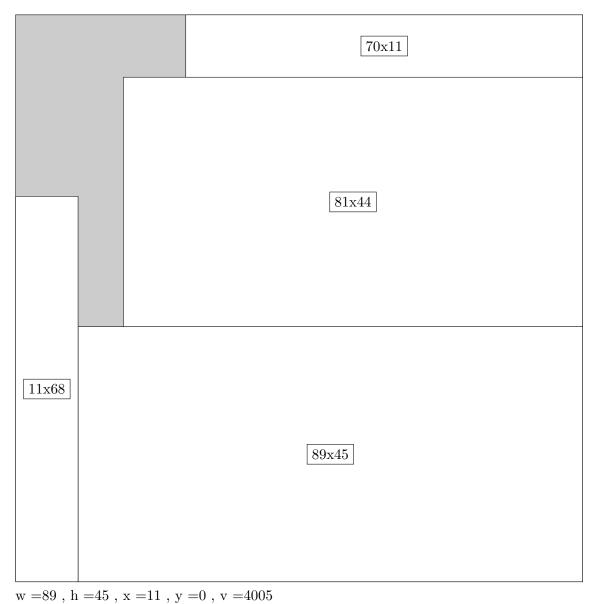


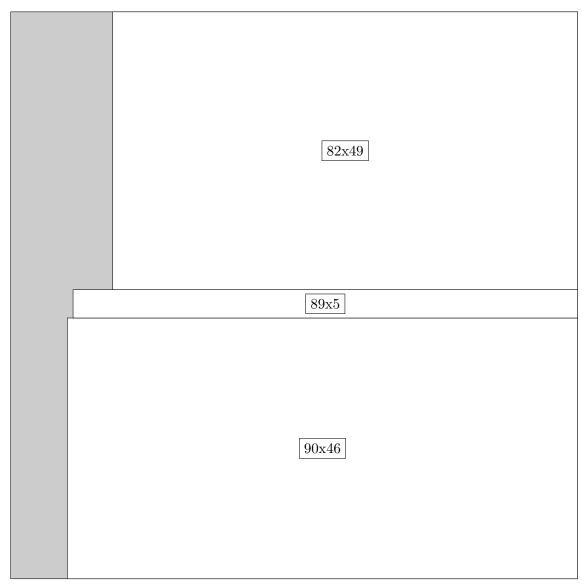
 $\le =45$, h = 85 , x = 55 , y = 0 , v = 3825



 $\begin{array}{l} w = \! 93 \; , \; h = \! 48 \; , \; x = \! 7 \; , \; y = \! 0 \; , \; v = \! 4464 \\ w = \! 88 \; , \; h = \! 52 \; , \; x = \! 12 \; , \; y = \! 48 \; , \; v = \! 4576 \\ w = \! 6 \; , \; h = \! 82 \; , \; x = \! 1 \; , \; y = \! 0 \; , \; v = \! 492 \end{array}$



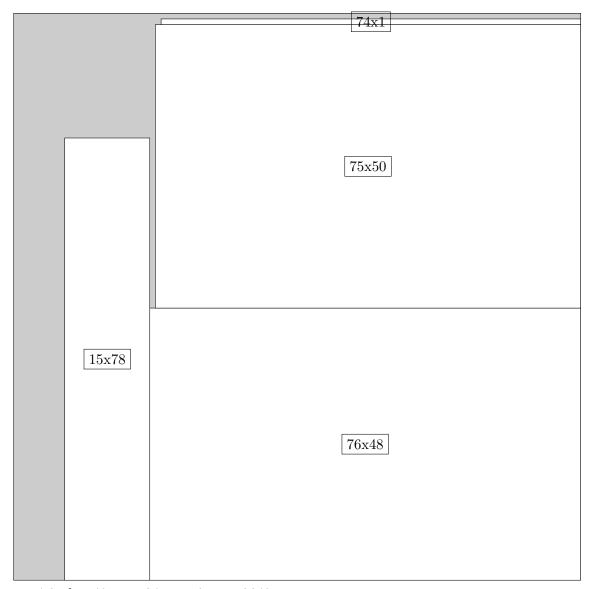


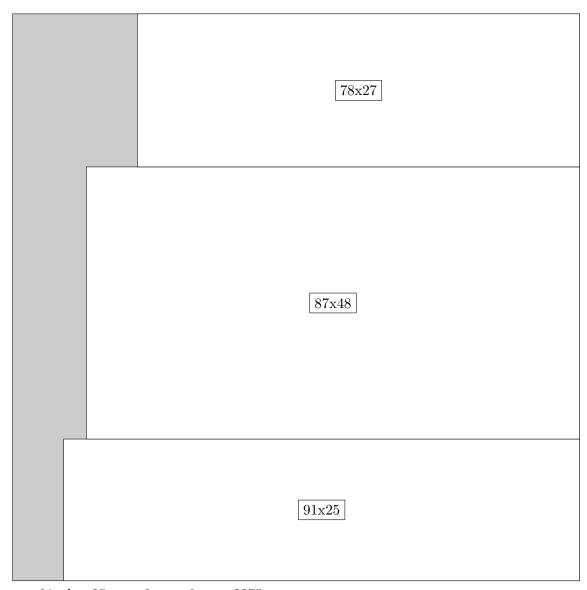


$$w = 90$$
, $h = 46$, $x = 10$, $y = 0$, $v = 4140$

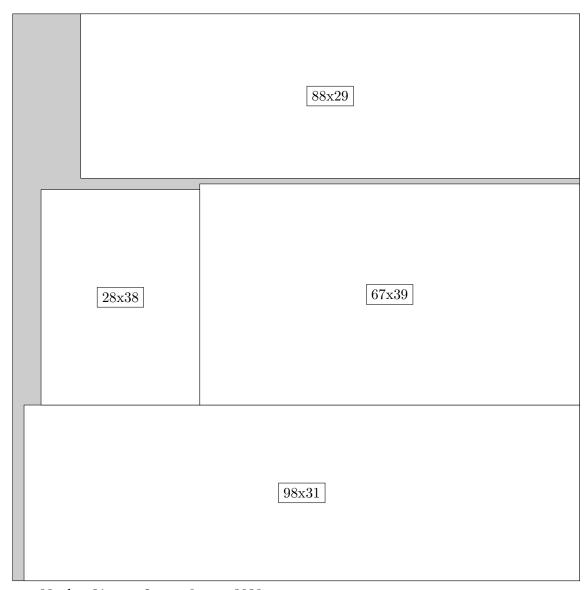
$$\le =89$$
 , h =5 , x =11 , y =46 , v =445

$$\le =82$$
 , h =49 , x =18 , y =51 , v =4018





$$\begin{array}{l} w = \! 91 \ , \ h = \! 25 \ , \ x = \! 9 \ , \ y = \! 0 \ , \ v = \! 2275 \\ w = \! 87 \ , \ h = \! 48 \ , \ x = \! 13 \ , \ y = \! 25 \ , \ v = \! 4176 \\ w = \! 78 \ , \ h = \! 27 \ , \ x = \! 22 \ , \ y = \! 73 \ , \ v = \! 2106 \end{array}$$

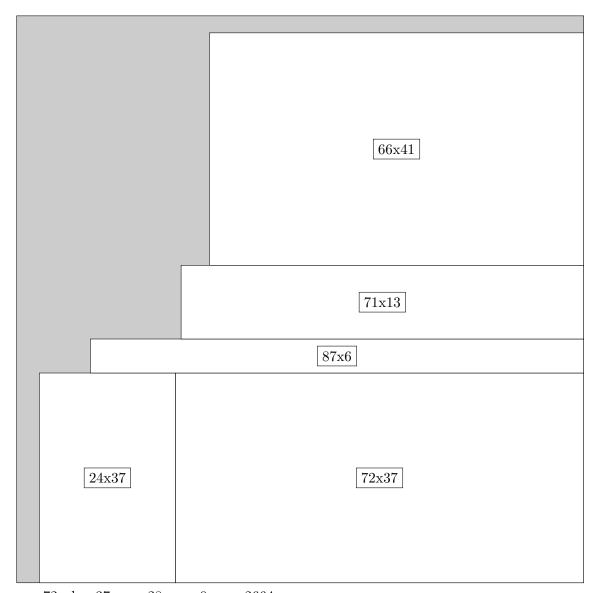


$$\le =98$$
 , h =31 , x =2 , y =0 , v =3038

$$\le =67$$
 , h =39 , x =33 , y =31 , v =2613

$$\le =28$$
 , h =38 , x =5 , y =31 , v =1064

$$\le =88$$
 , h =29 , x =12 , y =71 , v =2552



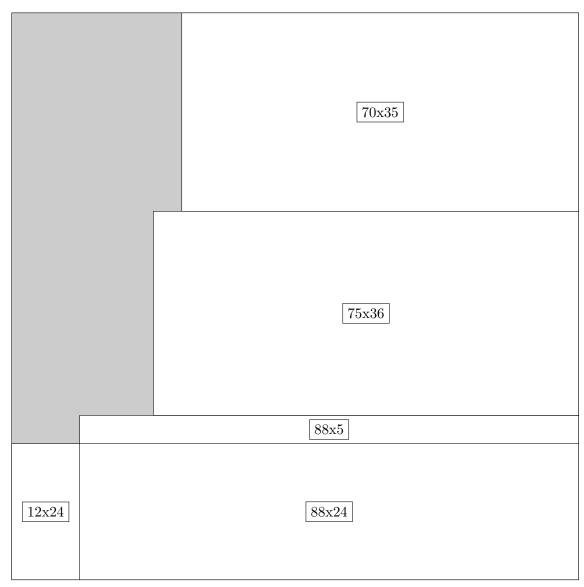
$$\le =72$$
 , h =37 , x =28 , y =0 , v =2664

$$\le =24$$
 , h =37 , x =4 , y =0 , v =888

$$\le =87$$
 , h =6 , x =13 , y =37 , v =522

$$\le =71$$
 , h =13 , x =29 , y =43 , v =923

$$\le =66$$
 , h =41 , x =34 , y =56 , v =2706



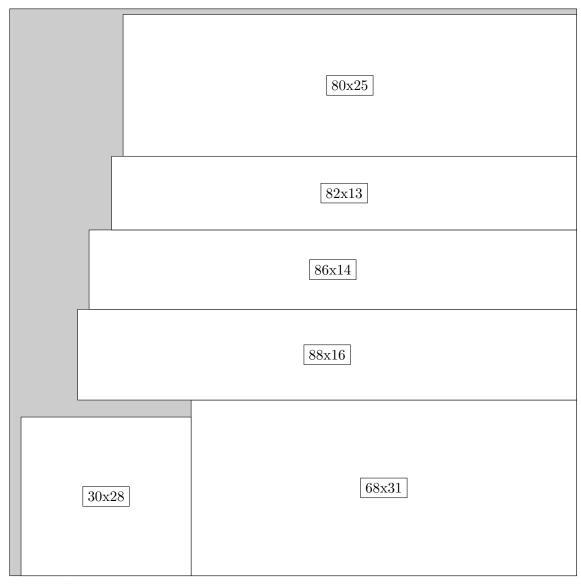
$$w$$
 =88 , h =24 , x =12 , y =0 , v =2112

$$\mathbf{w}$$
 =12 , h =24 , x =0 , y =0 , v =288

$$\le =88$$
 , h =5 , x =12 , y =24 , v =440

$$\le =75$$
 , h =36 , x =25 , y =29 , v =2700

$$\le =70$$
 , h =35 , x =30 , y =65 , v =2450



$$w = 68$$
, $h = 31$, $x = 32$, $y = 0$, $v = 2108$

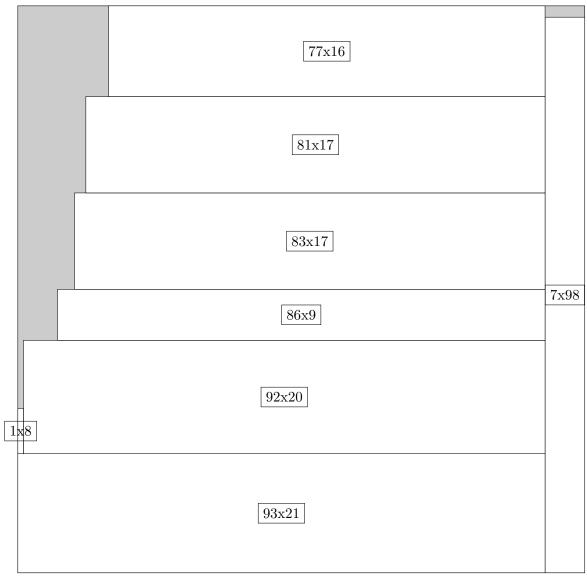
$$\le =30$$
 , h =28 , x =2 , y =0 , v =840

$$\le =88$$
 , h =16 , x =12 , y =31 , v =1408

$$w$$
 =86 , h =14 , x =14 , y =47 , v =1204

$$\le =82$$
 , $h=13$, $x=18$, $y=61$, $v=1066$

$$w$$
 =80 , h =25 , x =20 , y =74 , v =2000



$$\mathbf{w}$$
 =7 , h =98 , x =93 , y =0 , v =686

$$\le =93$$
 , h =21 , x =0 , y =0 , v =1953

$$\le =92$$
 , h =20 , x =1 , y =21 , v =1840

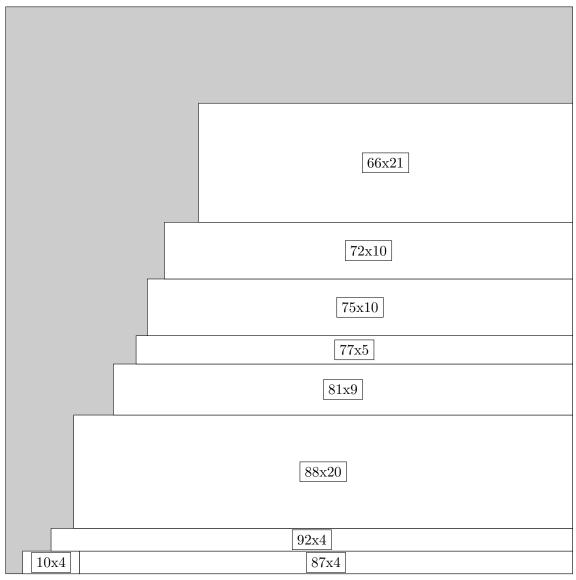
$$\mathbf{w}$$
 =1 , h =8 , x =0 , y =21 , v =8

$$\le =86$$
 , $h=9$, $x=7$, $y=41$, $v=774$

$$w$$
 =83 , h =17 , x =10 , y =50 , v =1411

$$w$$
 =81 , h =17 , x =12 , y =67 , v =1377

$$w$$
 =77 , h =16 , x =16 , y =84 , v =1232



$$w = 87$$
, $h = 4$, $x = 13$, $y = 0$, $v = 348$

$$w=\!10$$
 , $h=\!\!4$, $x=\!\!3$, $y=\!\!0$, $v=\!\!40$

$$w = 92$$
, $h = 4$, $x = 8$, $y = 4$, $v = 368$

$$w = 88$$
, $h = 20$, $x = 12$, $y = 8$, $v = 1760$

$$\le =81$$
 , h =9 , x =19 , y =28 , v =729

$$w$$
 =77 , h =5 , x =23 , y =37 , v =385

$$w = 75$$
, $h = 10$, $x = 25$, $y = 42$, $v = 750$

$$w = 72$$
, $h = 10$, $x = 28$, $y = 52$, $v = 720$

$$w = 66$$
, $h = 21$, $x = 34$, $y = 62$, $v = 1386$