$ClassName: \ Class_07.2bp-34$

BinSize: 100×100 ReduceSize: 100×100

TypeNum: 78 Num: **80** OutS: **240000** InS: 196560Rate: $\underline{0.819}$ UB: **24**

LB0: **24** LB: **24**

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

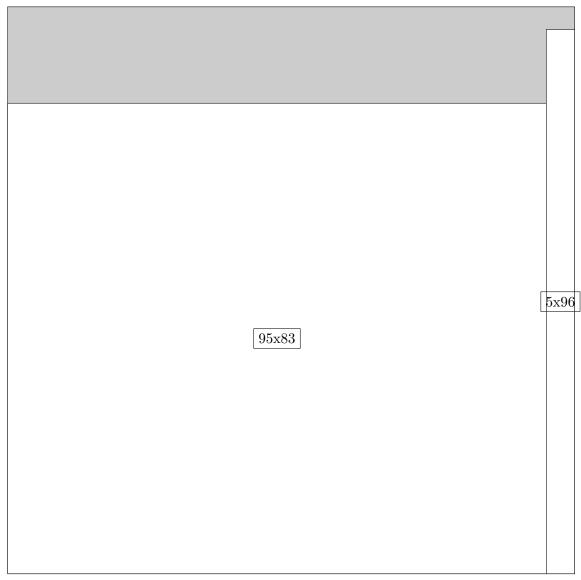
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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

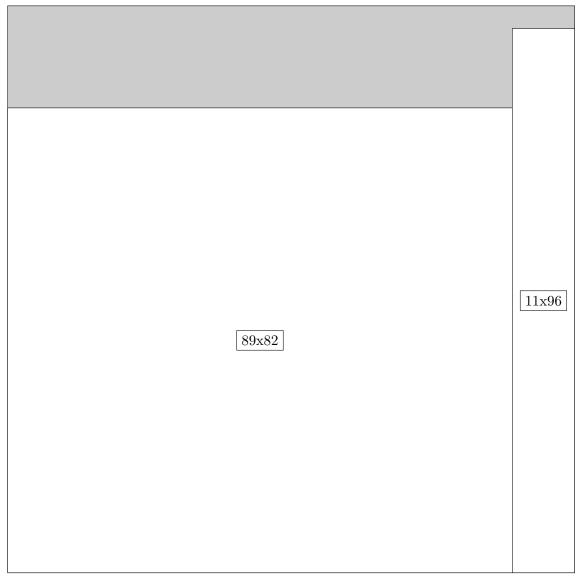
isOpt: $\underline{\mathbf{true}}$

TimeOnInitSolution: $\underline{120.010 \text{ s}}$

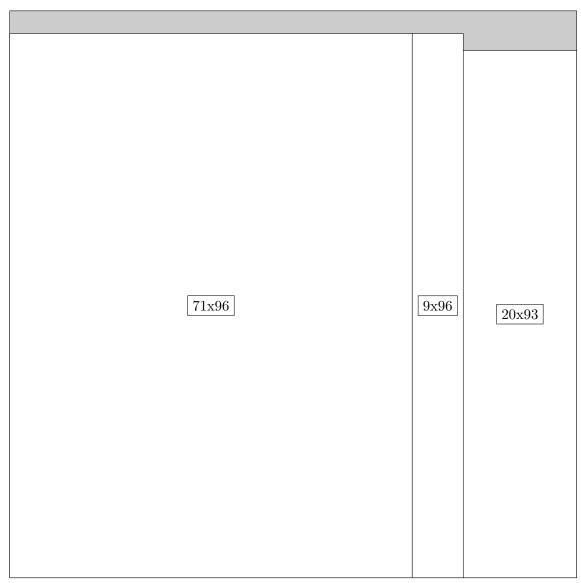
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 s TimeOnRmp: 0.094 sTotal Time: 120.182 s



$$\begin{array}{l} w = \! 95 \ , \, h = \! 83 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 7885 \\ w = \! 5 \ , \, h = \! 96 \ , \, x = \! 95 \ , \, y = \! 0 \ , \, v = \! 480 \end{array}$$

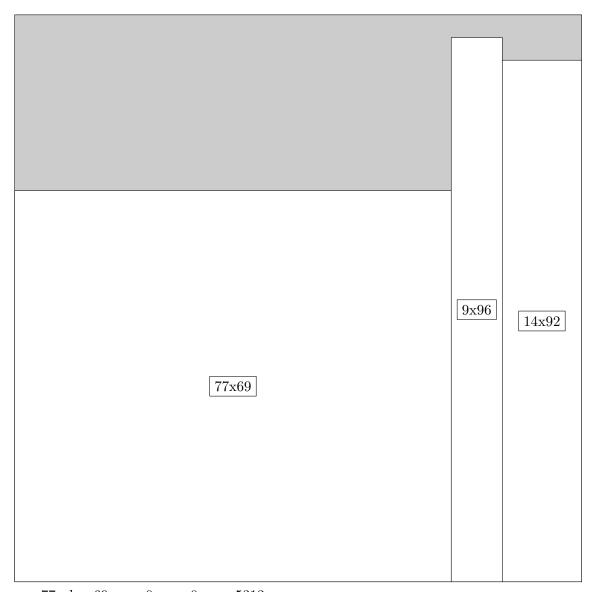


$$\begin{array}{c} w = 89 \; , \; h = 82 \; , \; x = 0 \; , \; y = 0 \; , \; v = 7298 \\ w = 11 \; , \; h = 96 \; , \; x = 89 \; , \; y = 0 \; , \; v = 1056 \\ \end{array}$$

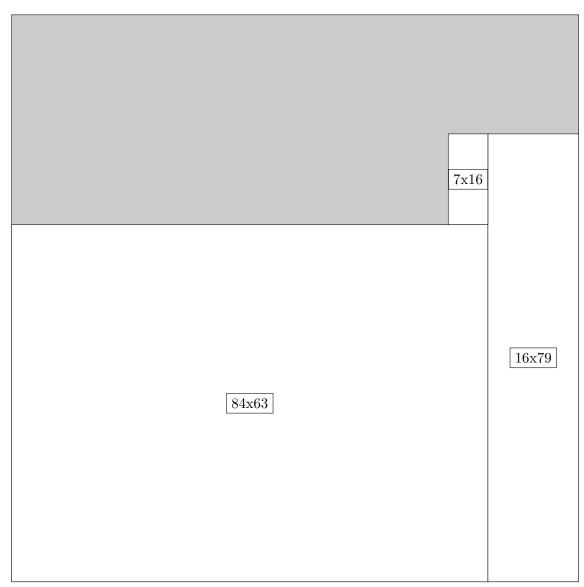


 $\begin{array}{l} w = \! 71 \ , \ h = \! 96 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6816 \\ w = \! 20 \ , \ h = \! 93 \ , \ x = \! 80 \ , \ y = \! 0 \ , \ v = \! 1860 \\ w = \! 9 \ , \ h = \! 96 \ , \ x = \! 71 \ , \ y = \! 0 \ , \ v = \! 864 \end{array}$

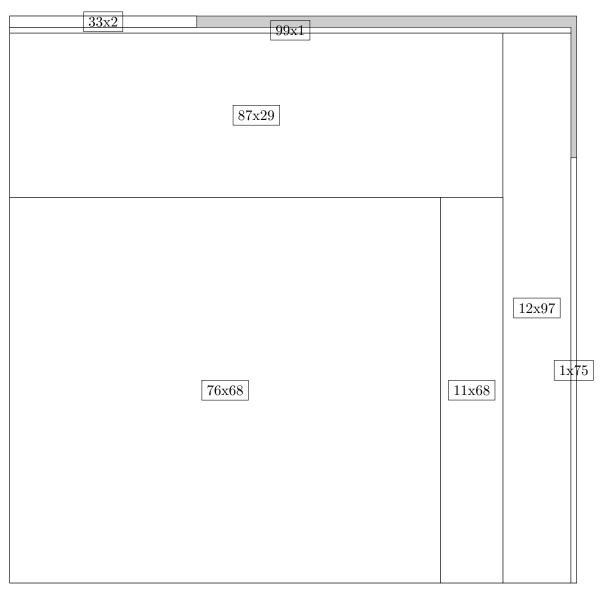




 $\begin{array}{l} w = \!\!\! 77 \ , \ h = \!\!\! 69 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 5313 \\ w = \!\!\! 14 \ , \ h = \!\!\! 92 \ , \ x = \!\!\! 86 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 1288 \\ w = \!\!\! 9 \ , \ h = \!\!\! 96 \ , \ x = \!\!\! 77 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 864 \end{array}$



 $\begin{array}{l} w = \! 84 \ , \ h = \! 63 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5292 \\ w = \! 16 \ , \ h = \! 79 \ , \ x = \! 84 \ , \ y = \! 0 \ , \ v = \! 1264 \\ w = \! 7 \ , \ h = \! 16 \ , \ x = \! 77 \ , \ y = \! 63 \ , \ v = \! 112 \end{array}$



$$\mathbf{w}$$
 =76 , \mathbf{h} =68 , \mathbf{x} =0 , \mathbf{y} =0 , \mathbf{v} =5168

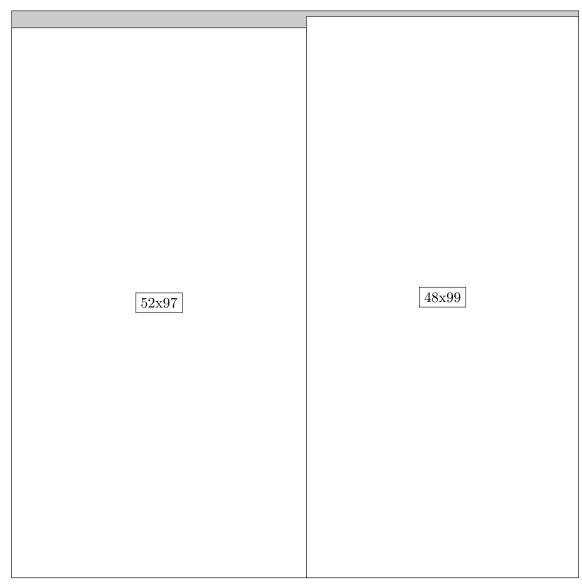
$$\le =87$$
 , h =29 , x =0 , y =68 , v =2523

$$\mathbf{w}$$
 =12 , h =97 , x =87 , y =0 , v =1164

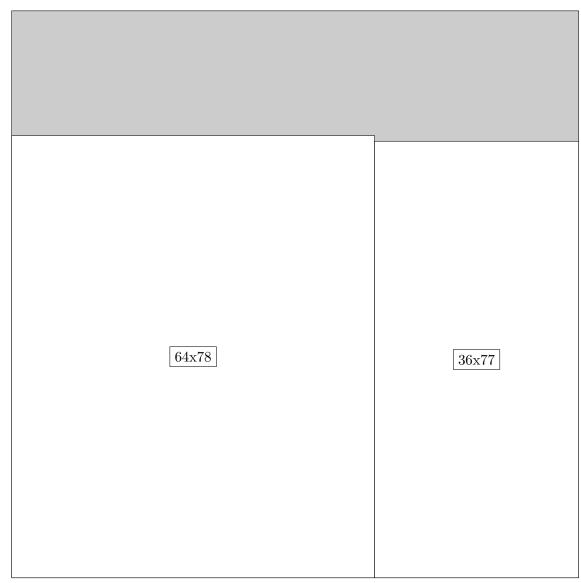
$$w$$
 =11 , h =68 , x =76 , y =0 , v =748

$$w = 99$$
, $h = 1$, $x = 0$, $y = 97$, $v = 99$

$$\begin{array}{l} w = 1 \ , \ h = 75 \ , \ x = 99 \ , \ y = 0 \ , \ v = 75 \\ w = 33 \ , \ h = 2 \ , \ x = 0 \ , \ y = 98 \ , \ v = 66 \end{array}$$



$$\begin{array}{c} w = \!\! 52 \; , \; h = \!\! 97 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 5044 \\ w = \!\! 48 \; , \; h = \!\! 99 \; , \; x = \!\! 52 \; , \; y = \!\! 0 \; , \; v = \!\! 4752 \end{array}$$



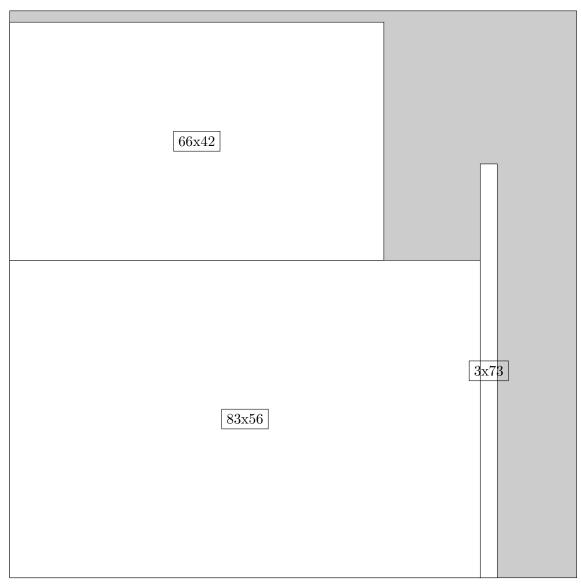
$$\begin{array}{c} w = 64 \; , \; h = 78 \; , \; x = 0 \; , \; y = 0 \; , \; v = 4992 \\ w = 36 \; , \; h = 77 \; , \; x = 64 \; , \; y = 0 \; , \; v = 2772 \\ \end{array}$$

55x85	[18x85]	27x94

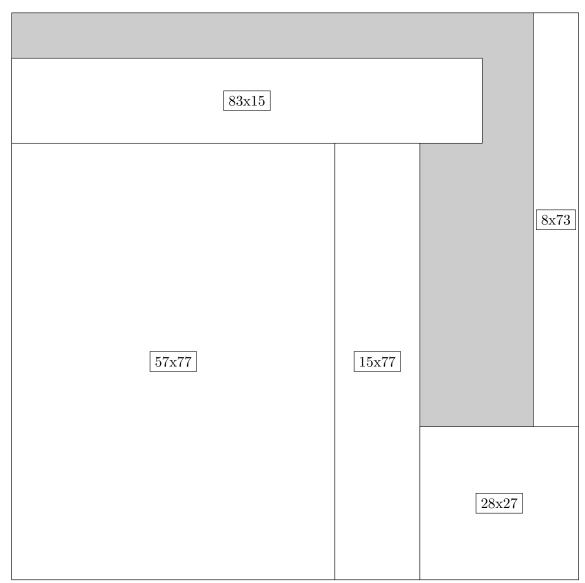
w = 55, h = 85, x = 0, y = 0, v = 4675

 $\le =27$, h =94 , x =73 , y =0 , v =2538

 $\le =18$, h = 85 , x = 55 , y = 0 , v = 1530



 $\begin{array}{l} w = \! 83 \ , \ h = \! 56 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4648 \\ w = \! 66 \ , \ h = \! 42 \ , \ x = \! 0 \ , \ y = \! 56 \ , \ v = \! 2772 \\ w = \! 3 \ , \ h = \! 73 \ , \ x = \! 83 \ , \ y = \! 0 \ , \ v = \! 219 \end{array}$



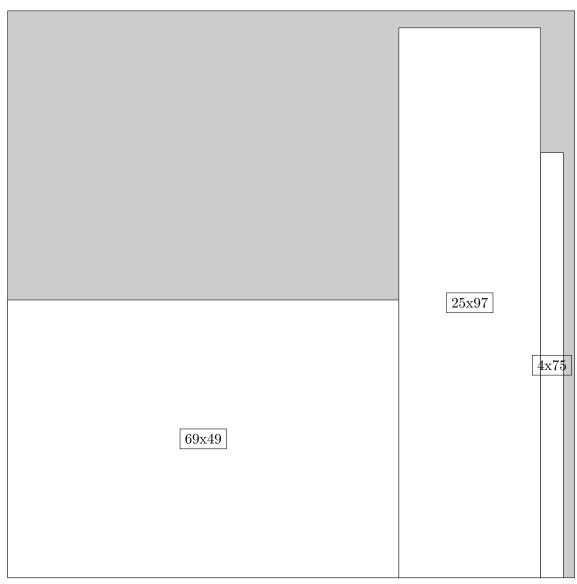
$$\le 57$$
 , h =
77 , x =0 , y =
0 , v =
4389

$$\le =83$$
 , h =15 , x =0 , y =77 , v =1245

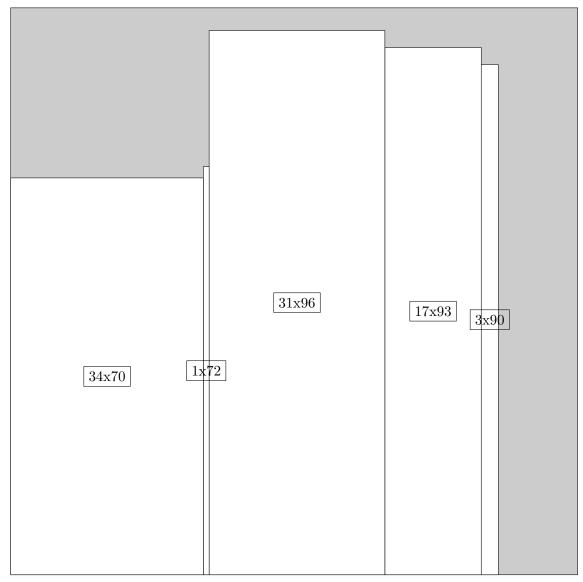
$$\mathbf{w}$$
 =15 , h =77 , x =57 , y =0 , v =1155

$$\le =28$$
 , h =27 , x =72 , y =0 , v =756

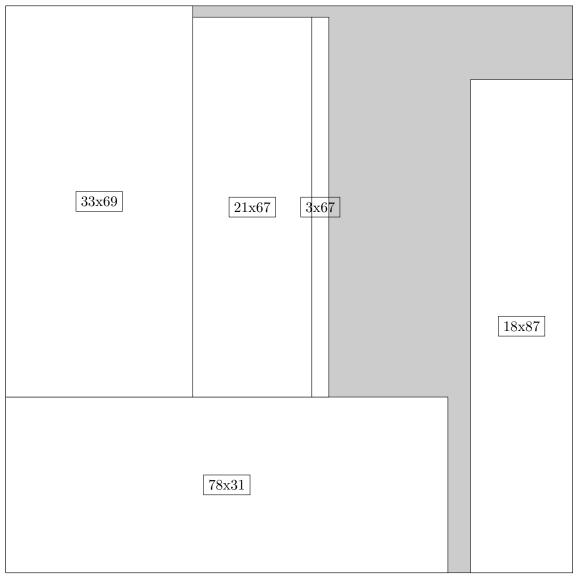
$$w = 8$$
, $h = 73$, $x = 92$, $y = 27$, $v = 584$



 $\begin{array}{l} w = 69 \ , \ h = 49 \ , \ x = 0 \ , \ y = 0 \ , \ v = 3381 \\ w = 25 \ , \ h = 97 \ , \ x = 69 \ , \ y = 0 \ , \ v = 2425 \\ w = 4 \ , \ h = 75 \ , \ x = 94 \ , \ y = 0 \ , \ v = 300 \end{array}$



 $\begin{array}{l} w = \! 17 \; , \; h = \! 93 \; , \; x = \! 66 \; , \; y = \! 0 \; , \; v = \! 1581 \\ w = \! 31 \; , \; h = \! 96 \; , \; x = \! 35 \; , \; y = \! 0 \; , \; v = \! 2976 \\ w = \! 34 \; , \; h = \! 70 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 2380 \\ w = \! 3 \; , \; h = \! 90 \; , \; x = \! 83 \; , \; y = \! 0 \; , \; v = \! 270 \\ w = \! 1 \; , \; h = \! 72 \; , \; x = \! 34 \; , \; y = \! 0 \; , \; v = \! 72 \end{array}$



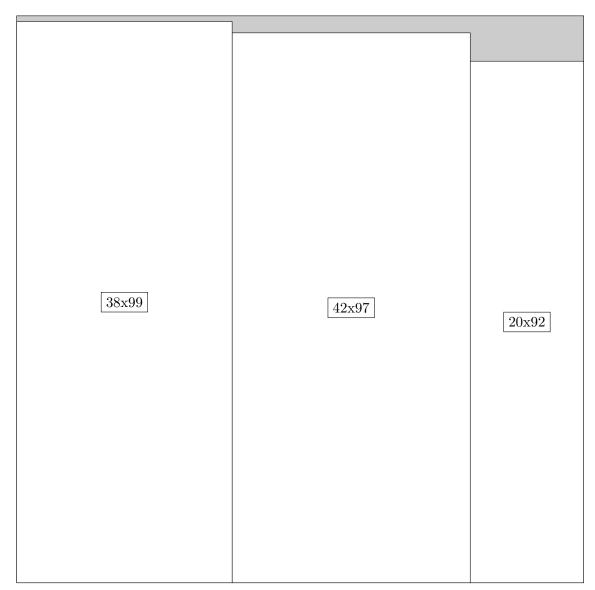
w = 78, h = 31, x = 0, y = 0, v = 2418

 $\le =33$, h=69 , x=0 , y=31 , v=2277

 $\le =18$, h =87 , x =82 , y =0 , v =1566

 $\le =21$, h=67 , x=33 , y=31 , v=1407

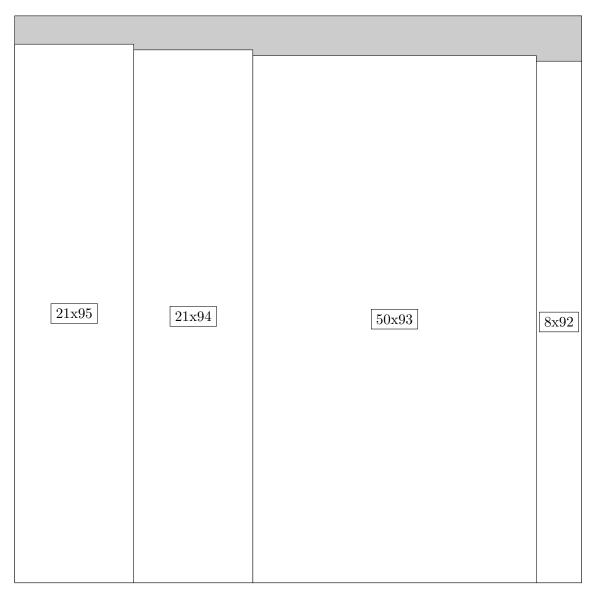
w =3 , h =67 , x =54 , y =31 , v =201



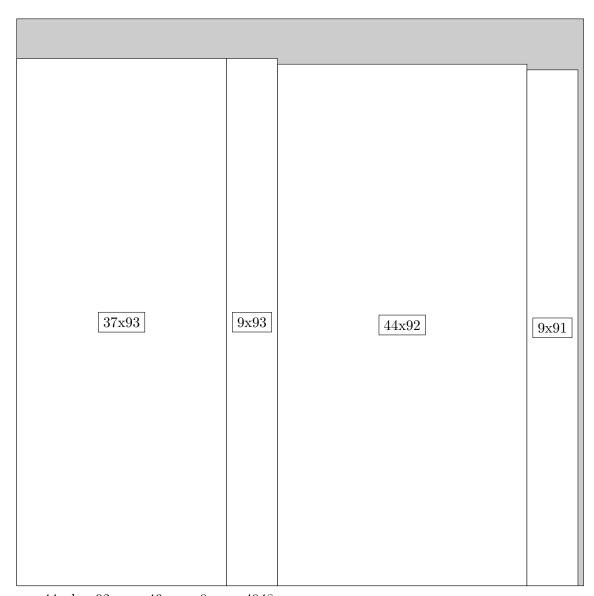
w = 42, h = 97, x = 38, y = 0, v = 4074

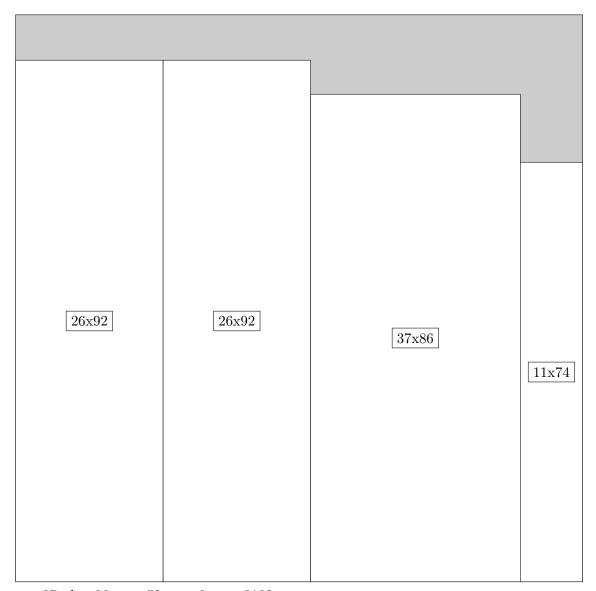
 $\le =38$, h =99 , x =0 , y =0 , v =3762

 $\le =20$, h =92 , x =80 , y =0 , v =1840



 $\begin{array}{l} w = \!\! 50 \ , \ h = \!\! 93 \ , \ x = \!\! 42 \ , \ y = \!\! 0 \ , \ v = \!\! 4650 \\ w = \!\! 21 \ , \ h = \!\! 95 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 1995 \\ w = \!\! 21 \ , \ h = \!\! 94 \ , \ x = \!\! 21 \ , \ y = \!\! 0 \ , \ v = \!\! 1974 \\ w = \!\! 8 \ , \ h = \!\! 92 \ , \ x = \!\! 92 \ , \ y = \!\! 0 \ , \ v = \!\! 736 \end{array}$





$$\le =37$$
 , h =86 , x =52 , y =0 , v =3182

$$\le =26$$
 , $h=92$, $x=0$, $y=0$, $v=2392$

$$\le =26$$
 , h =92 , x =26 , y =0 , v =2392

$$w=\!11$$
 , $h=\!74$, $x=\!89$, $y=\!0$, $v=\!814$

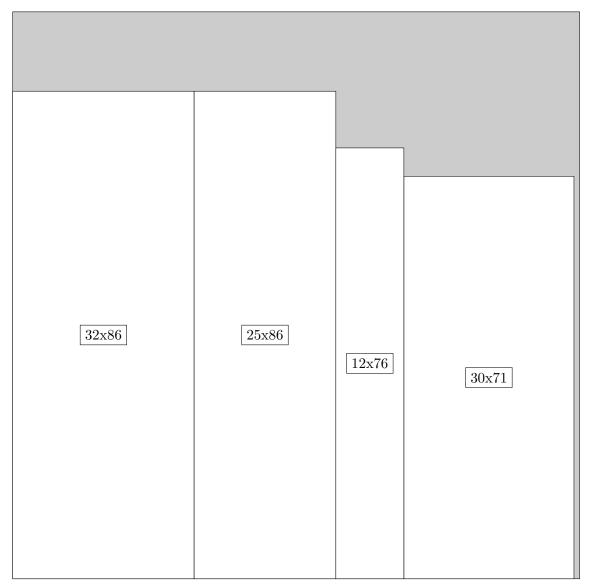
46x90	27x90	27x84

 $\le =27$, h =84 , x =73 , y =0 , v =2268

46x86	39x86	15x81

 $\begin{array}{l} w = \!\! 46 \ , \ h = \!\! 86 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3956 \\ w = \!\! 39 \ , \ h = \!\! 86 \ , \ x = \!\! 46 \ , \ y = \!\! 0 \ , \ v = \!\! 3354 \end{array}$

 $\le =15$, h =81 , x =85 , y =0 , v =1215

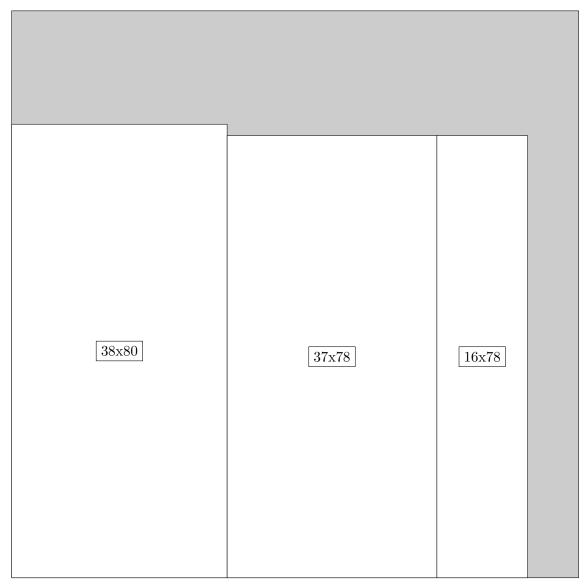


$$\le 32$$
 , h =
86 , x =
0 , y =
0 , v =
2752

$$\le =25$$
 , h =86 , x =32 , y =0 , v =2150

$$\le =30$$
 , h =71 , x =69 , y =0 , v =2130

$$\le =12$$
 , h =76 , x =57 , y =0 , v =912



$$\begin{array}{l} w = \! 38 \ , \ h = \! 80 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3040 \\ w = \! 37 \ , \ h = \! 78 \ , \ x = \! 38 \ , \ y = \! 0 \ , \ v = \! 2886 \end{array}$$

$$\le =16$$
 , h =78 , x =75 , y =0 , v =1248

