$ClassName: \ Class_07.2bp-42$

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

TypeNum: <u>99</u>
Num: <u>100</u>
OutS: <u>250000</u>
InS: <u>207677</u>
Rate: <u>0.831</u>
UB: <u>25</u>
LB0: <u>25</u>
LB: <u>25</u>

LBWithCut: $\underline{25}$ NodeCut: $\underline{0}$

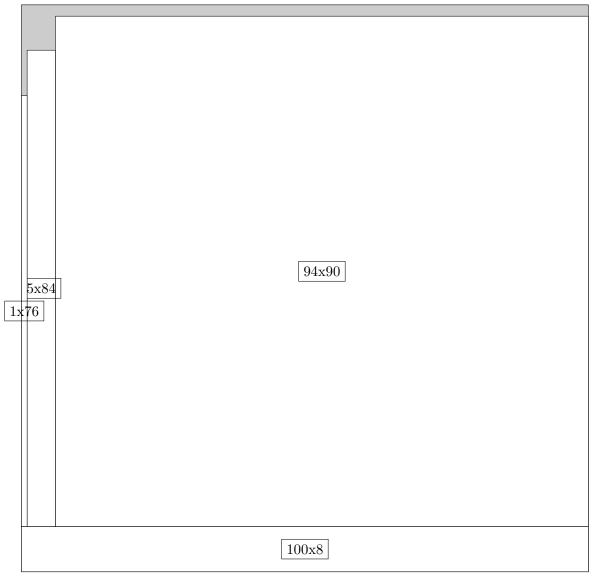
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{25}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

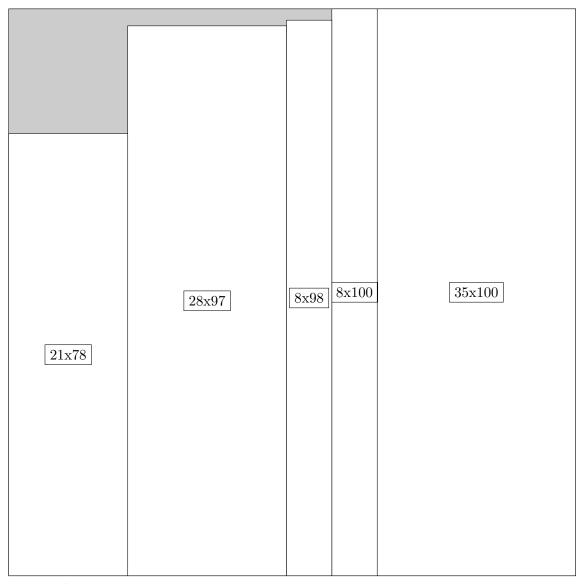
isOpt: $\underline{\mathbf{true}}$

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

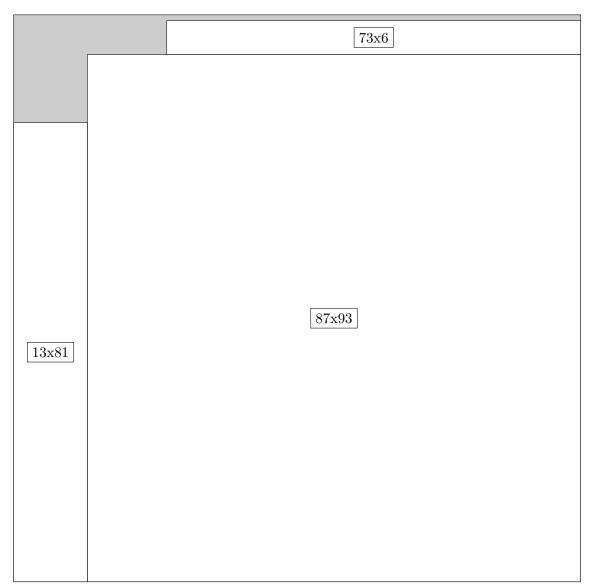
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 600.312 s



$$\begin{array}{l} w = \! 100 \; , \; h = \! 8 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 800 \\ w = \! 94 \; , \; h = \! 90 \; , \; x = \! 6 \; , \; y = \! 8 \; , \; v = \! 8460 \\ w = \! 5 \; , \; h = \! 84 \; , \; x = \! 1 \; , \; y = \! 8 \; , \; v = \! 420 \\ w = \! 1 \; , \; h = \! 76 \; , \; x = \! 0 \; , \; y = \! 8 \; , \; v = \! 76 \end{array}$$



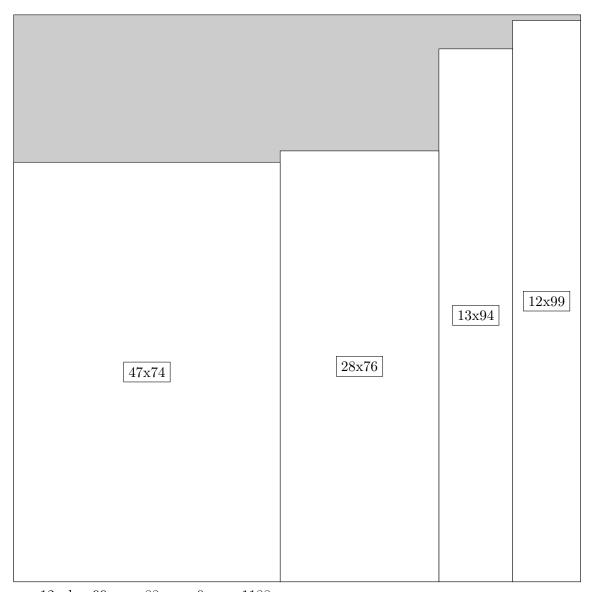
 $\begin{array}{l} w = \! 35 \; , \; h = \! 100 \; , \; x = \! 65 \; , \; y = \! 0 \; , \; v = \! 3500 \\ w = \! 8 \; , \; h = \! 100 \; , \; x = \! 57 \; , \; y = \! 0 \; , \; v = \! 800 \\ w = \! 8 \; , \; h = \! 98 \; , \; x = \! 49 \; , \; y = \! 0 \; , \; v = \! 784 \\ w = \! 28 \; , \; h = \! 97 \; , \; x = \! 21 \; , \; y = \! 0 \; , \; v = \! 2716 \\ w = \! 21 \; , \; h = \! 78 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 1638 \end{array}$



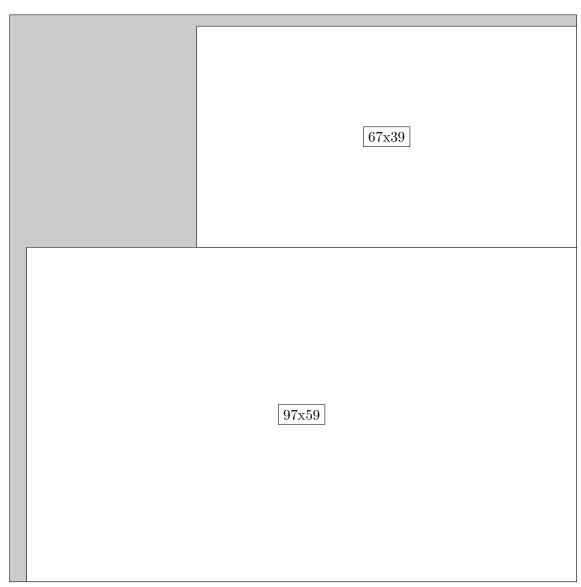
w = 87, h = 93, x = 13, y = 0, v = 8091

 $\le =13$, h =81 , x =0 , y =0 , v =1053

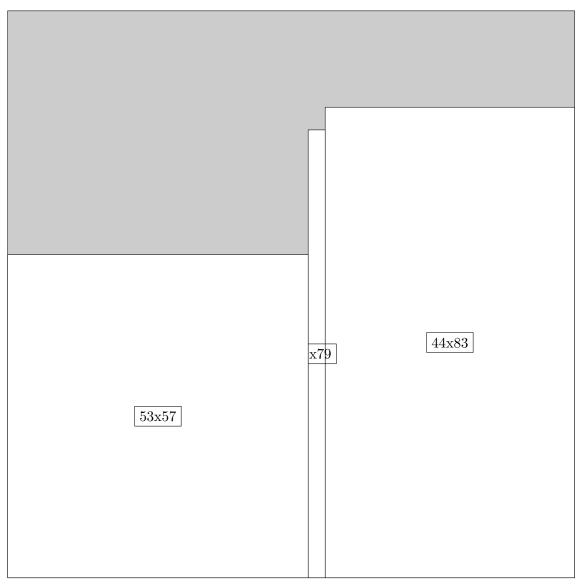
 $\le =73$, h =6 , x =27 , y =93 , v =438



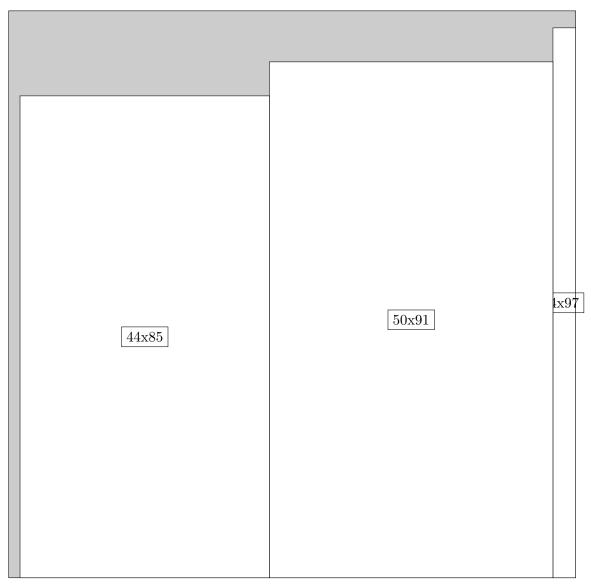
 $\begin{array}{l} w = & 12 \ , \ h = & 99 \ , \ x = & 88 \ , \ y = & 0 \ , \ v = & 1188 \\ w = & 13 \ , \ h = & 94 \ , \ x = & 75 \ , \ y = & 0 \ , \ v = & 1222 \\ w = & 28 \ , \ h = & 76 \ , \ x = & 47 \ , \ y = & 0 \ , \ v = & 2128 \\ w = & 47 \ , \ h = & 74 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 3478 \end{array}$



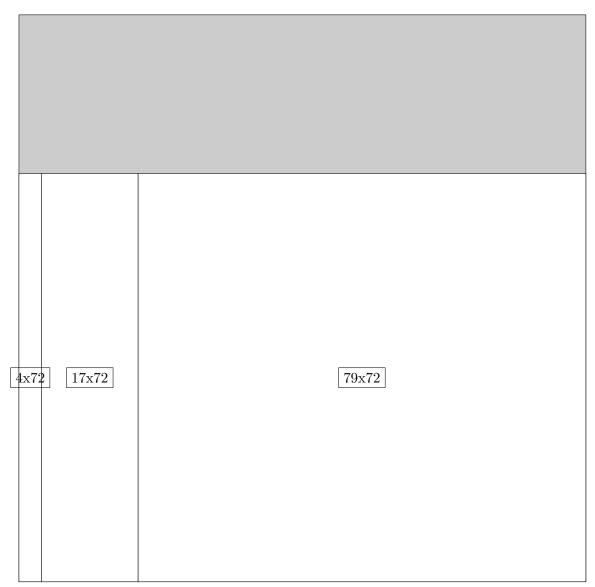
$$\begin{array}{l} w = 97 \; , \; h = 59 \; , \; x = 3 \; , \; y = 0 \; , \; v = 5723 \\ w = 67 \; , \; h = 39 \; , \; x = 33 \; , \; y = 59 \; , \; v = 2613 \end{array}$$



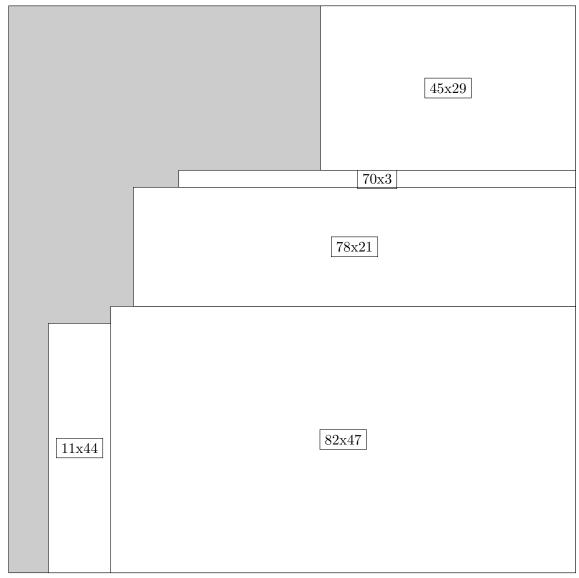
 $\begin{array}{l} w = \! 44 \; , \; h = \! 83 \; , \; x = \! 56 \; , \; y = \! 0 \; , \; v = \! 3652 \\ w = \! 3 \; , \; h = \! 79 \; , \; x = \! 53 \; , \; y = \! 0 \; , \; v = \! 237 \\ w = \! 53 \; , \; h = \! 57 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 3021 \end{array}$



$$\begin{array}{l} w = \! 4 \ , \ h = \! 97 \ , \ x = \! 96 \ , \ y = \! 0 \ , \ v = \! 388 \\ w = \! 50 \ , \ h = \! 91 \ , \ x = \! 46 \ , \ y = \! 0 \ , \ v = \! 4550 \\ w = \! 44 \ , \ h = \! 85 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 3740 \end{array}$$



 $\begin{array}{l} w = 79 \ , \ h = 72 \ , \ x = 21 \ , \ y = 0 \ , \ v = 5688 \\ w = 17 \ , \ h = 72 \ , \ x = 4 \ , \ y = 0 \ , \ v = 1224 \\ w = 4 \ , \ h = 72 \ , \ x = 0 \ , \ y = 0 \ , \ v = 288 \end{array}$



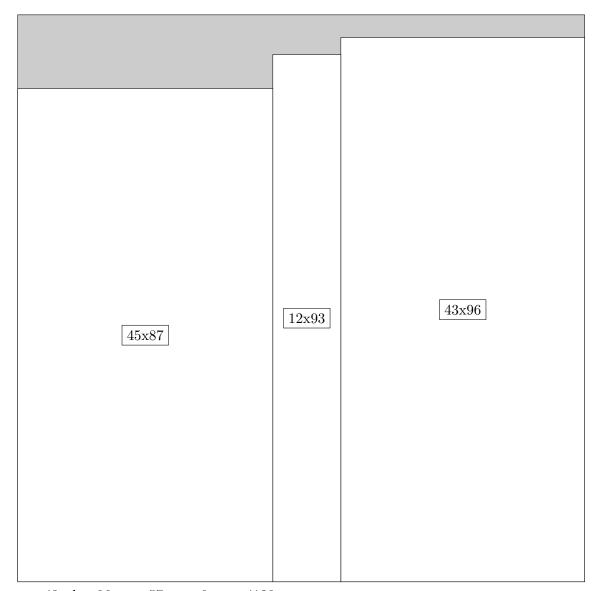
$$w$$
 =82 , h =47 , x =18 , y =0 , v =3854

$$\mathbf{w}$$
 =11 , h =44 , x =7 , y =0 , v =484

$$\le =78$$
 , h =21 , x =22 , y =47 , v =1638

$$w$$
 =70 , h =3 , x =30 , y =68 , v =210

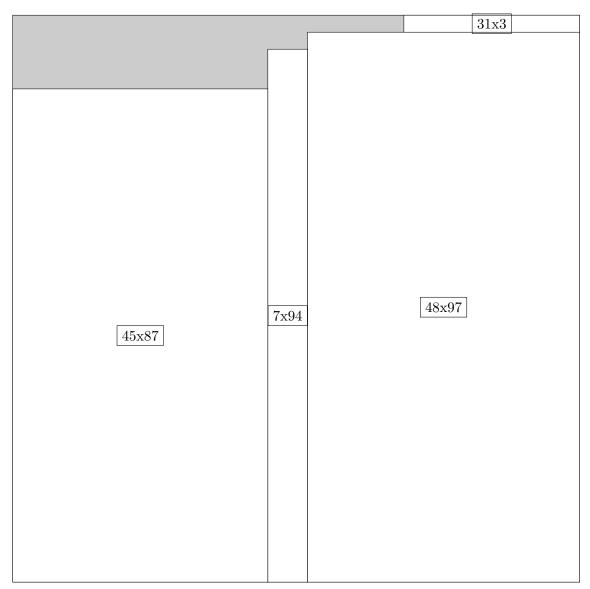
$$\le =45$$
 , h =29 , x =55 , y =71 , v =1305



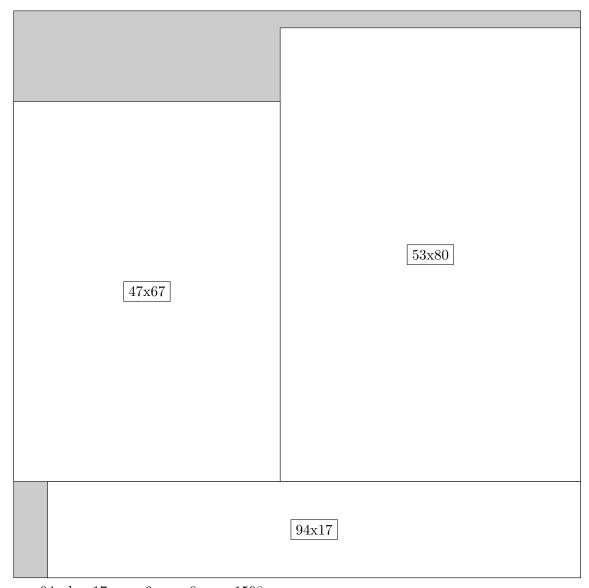
$$\le =43$$
 , h =96 , x =57 , y =0 , v =4128

$$\le =12$$
 , h =93 , x =45 , y =0 , v =1116

$$\le =45$$
 , h =87 , x =0 , y =0 , v =3915

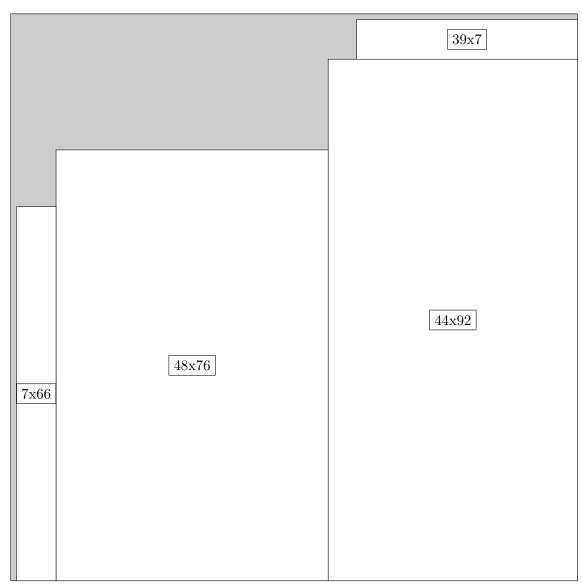


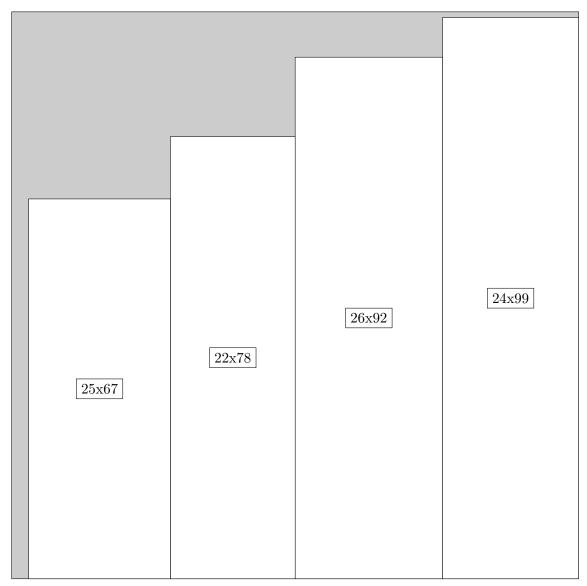
 $\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 97 \ , \ x = \!\! 52 \ , \ y = \!\! 0 \ , \ v = \!\! 4656 \\ w = \!\! 31 \ , \ h = \!\! 3 \ , \ x = \!\! 69 \ , \ y = \!\! 97 \ , \ v = \!\! 93 \\ w = \!\! 7 \ , \ h = \!\! 94 \ , \ x = \!\! 45 \ , \ y = \!\! 0 \ , \ v = \!\! 658 \\ w = \!\! 45 \ , \ h = \!\! 87 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3915 \end{array}$



$$\begin{array}{l} w = \! 94 \ , \ h = \! 17 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 1598 \\ w = \! 53 \ , \ h = \! 80 \ , \ x = \! 47 \ , \ y = \! 17 \ , \ v = \! 4240 \end{array}$$

$$\le =47$$
 , $h=67$, $x=0$, $y=17$, $v=3149$



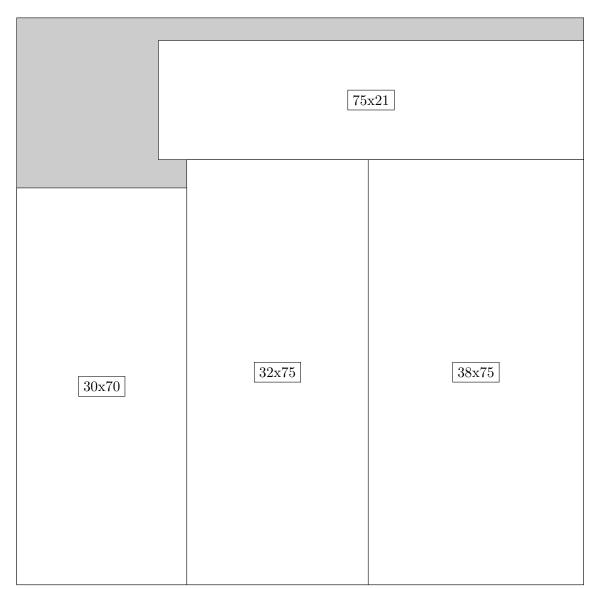


$$w = 24$$
, $h = 99$, $x = 76$, $y = 0$, $v = 2376$

$$w = 26$$
, $h = 92$, $x = 50$, $y = 0$, $v = 2392$

$$\le =22$$
 , h =78 , x =28 , y =0 , v =1716

$$\le =25$$
 , h =67 , x =3 , y =0 , v =1675

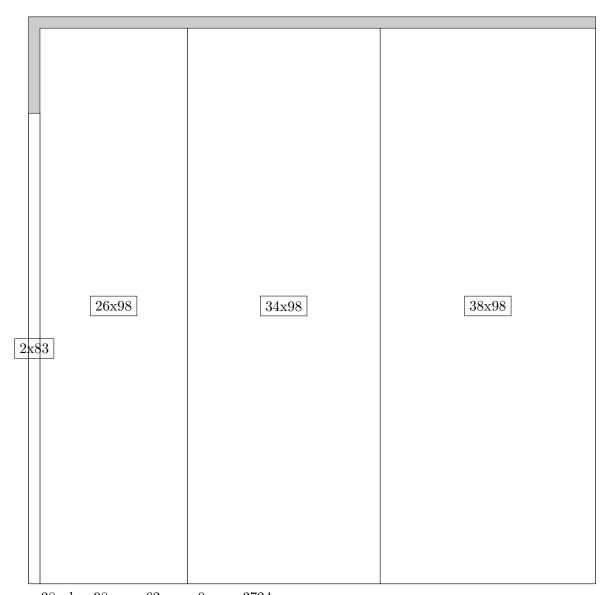


$$\le =38$$
 , h =75 , x =62 , y =0 , v =2850

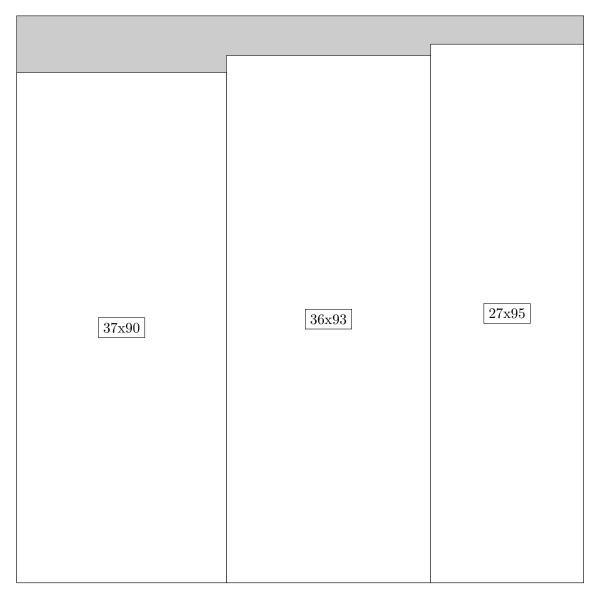
$$\le =32$$
 , h =75 , x =30 , y =0 , v =2400

$$\le =30$$
 , h =70 , x =0 , y =0 , v =2100

$$\le -75$$
 , h =
21 , x =
25 , y =
75 , v =
1575



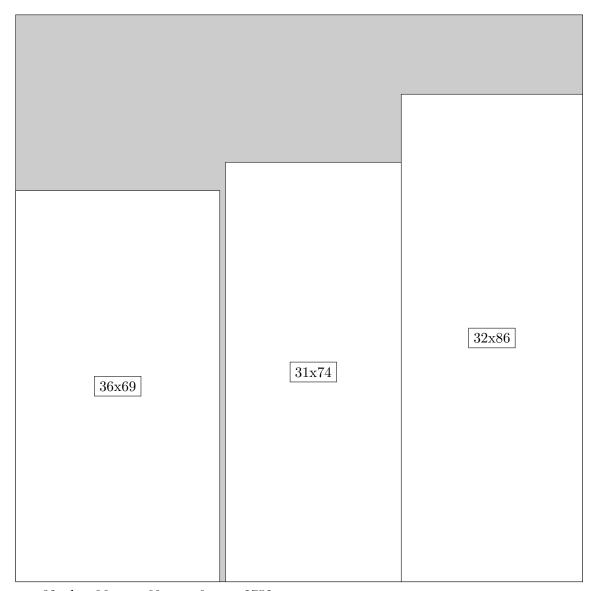
 $\begin{array}{l} w = & 38 \ , \ h = & 98 \ , \ x = & 62 \ , \ y = & 0 \ , \ v = & 3724 \\ w = & 34 \ , \ h = & 98 \ , \ x = & 28 \ , \ y = & 0 \ , \ v = & 3332 \\ w = & 26 \ , \ h = & 98 \ , \ x = & 2 \ , \ y = & 0 \ , \ v = & 2548 \\ w = & 2 \ , \ h = & 83 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 166 \end{array}$



$$w = 27$$
, $h = 95$, $x = 73$, $y = 0$, $v = 2565$

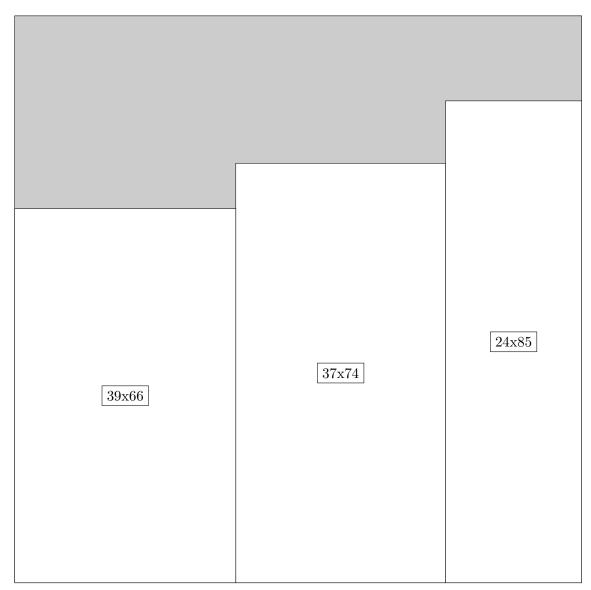
$$\le =36$$
 , h =93 , x =37 , y =0 , v =3348

$$\le =37$$
 , h =90 , x =0 , y =0 , v =3330



 $\begin{array}{l} w = & 32 \ , \ h = & 86 \ , \ x = & 68 \ , \ y = & 0 \ , \ v = & 2752 \\ w = & 31 \ , \ h = & 74 \ , \ x = & 37 \ , \ y = & 0 \ , \ v = & 2294 \end{array}$

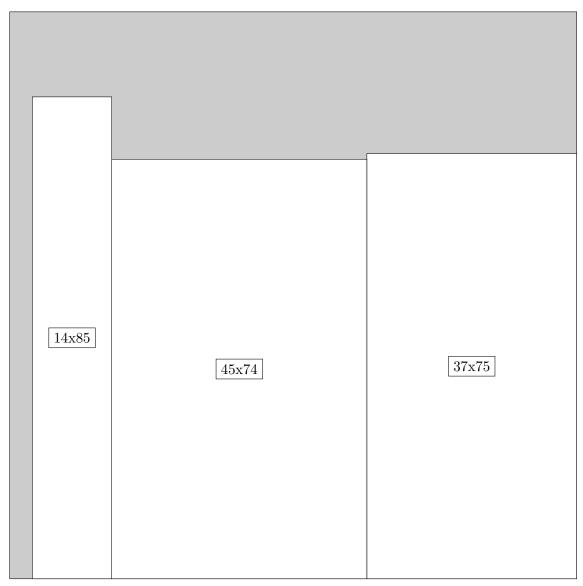
 \mathbf{w} =36 , h =69 , x =0 , y =0 , v =2484



$$w = 24$$
, $h = 85$, $x = 76$, $y = 0$, $v = 2040$

$$\le =37$$
 , h =74 , x =39 , y =0 , v =2738

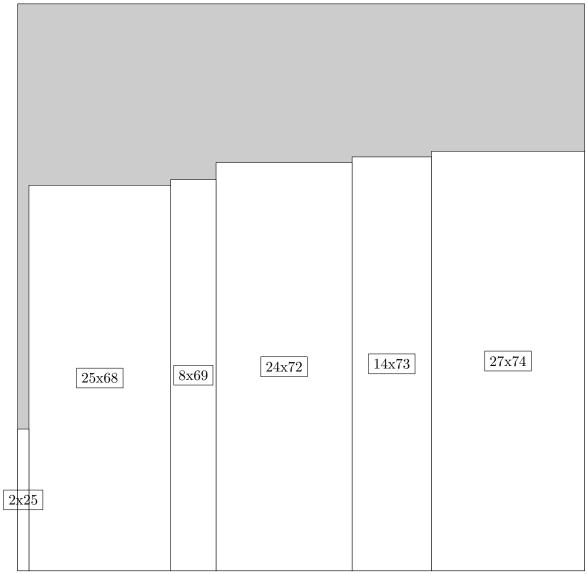
$$\le =39$$
 , h =66 , x =0 , y =0 , v =2574



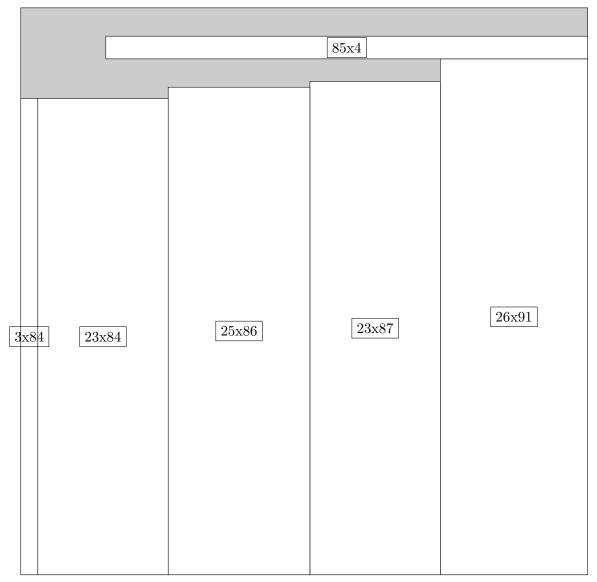
$$w = 37$$
, $h = 75$, $x = 63$, $y = 0$, $v = 2775$

$$\le =45$$
 , $h=74$, $x=18$, $y=0$, $v=3330$

$$\le =14$$
 , h =85 , x =4 , y =0 , v =1190



$$\begin{array}{l} w=27 \;,\; h=74 \;,\; x=73 \;,\; y=0 \;,\; v=1998 \\ w=14 \;,\; h=73 \;,\; x=59 \;,\; y=0 \;,\; v=1022 \\ w=24 \;,\; h=72 \;,\; x=35 \;,\; y=0 \;,\; v=1728 \\ w=8 \;,\; h=69 \;,\; x=27 \;,\; y=0 \;,\; v=552 \\ w=25 \;,\; h=68 \;,\; x=2 \;,\; y=0 \;,\; v=1700 \\ w=2 \;,\; h=25 \;,\; x=0 \;,\; y=0 \;,\; v=50 \end{array}$$



$$\mathbf{w}$$
 =26 , h =91 , x =74 , y =0 , v =2366

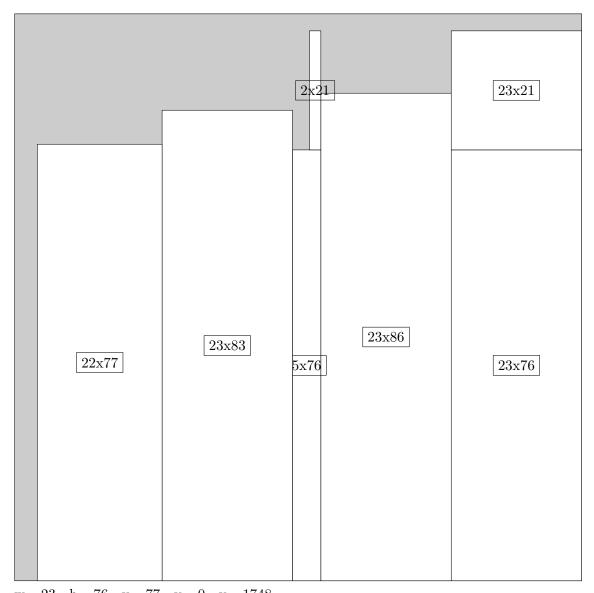
$$\le =23$$
 , h =87 , x =51 , y =0 , v =2001

$$\le =25$$
 , h =86 , x =26 , y =0 , v =
2150

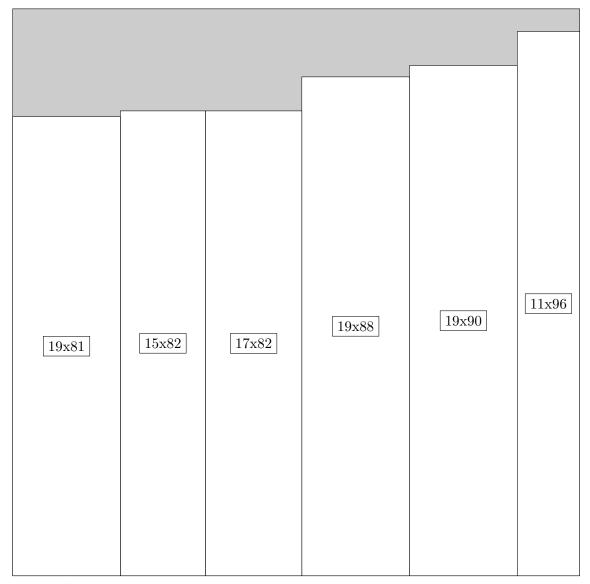
$$\le =23$$
 , h =84 , x =3 , y =0 , v =1932

$$\le 3$$
 , h =
84 , x =0 , y =
0 , v =
252

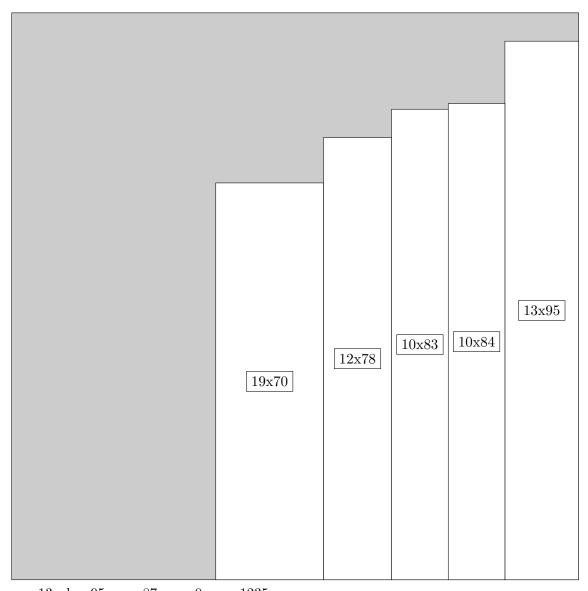
$$w$$
 =85 , h =4 , x =15 , y =91 , v =340



$$\begin{array}{l} w=23 \ , \ h=76 \ , \ x=77 \ , \ y=0 \ , \ v=1748 \\ w=23 \ , \ h=21 \ , \ x=77 \ , \ y=76 \ , \ v=483 \\ w=23 \ , \ h=86 \ , \ x=54 \ , \ y=0 \ , \ v=1978 \\ w=5 \ , \ h=76 \ , \ x=49 \ , \ y=0 \ , \ v=380 \\ w=2 \ , \ h=21 \ , \ x=52 \ , \ y=76 \ , \ v=42 \\ w=23 \ , \ h=83 \ , \ x=26 \ , \ y=0 \ , \ v=1909 \\ w=22 \ , \ h=77 \ , \ x=4 \ , \ y=0 \ , \ v=1694 \end{array}$$



$$\begin{array}{l} w = & 11 \;,\; h = & 96 \;,\; x = & 89 \;,\; y = & 0 \;,\; v = & 1056 \\ w = & 19 \;,\; h = & 90 \;,\; x = & 70 \;,\; y = & 0 \;,\; v = & 1710 \\ w = & 19 \;,\; h = & 88 \;,\; x = & 51 \;,\; y = & 0 \;,\; v = & 1672 \\ w = & 17 \;,\; h = & 82 \;,\; x = & 34 \;,\; y = & 0 \;,\; v = & 1394 \\ w = & 15 \;,\; h = & 82 \;,\; x = & 19 \;,\; y = & 0 \;,\; v = & 1230 \\ w = & 19 \;,\; h = & 81 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 1539 \end{array}$$



$$\le =13$$
 , h =95 , x =87 , y =0 , v =1235

$$\le =10$$
 , $h=84$, $x=77$, $y=0$, $v=840$

$$\le =10$$
 , $h=83$, $x=67$, $y=0$, $v=830$

$$\le =12$$
 , h =78 , x =55 , y =0 , v =936

$$w = 19$$
, $h = 70$, $x = 36$, $y = 0$, $v = 1330$