$ClassName: \ Class_07.2bp-44$

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

TypeNum: <u>99</u> Num: <u>100</u> OutS: <u>250000</u> InS: <u>215416</u> Rate: <u>0.862</u> UB: <u>25</u> LB0: <u>25</u> LB: <u>25</u>

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

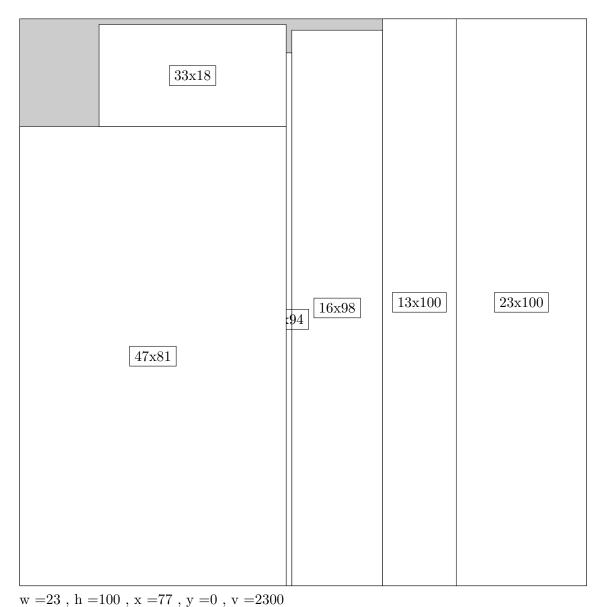
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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: <u>true</u>

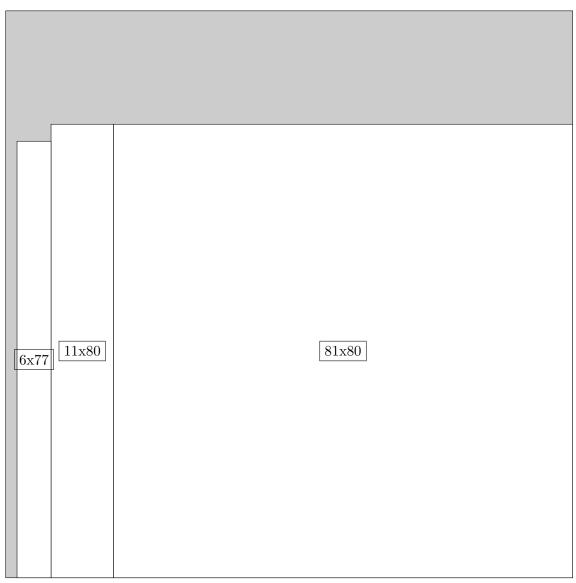
TimeOnInitSolution: $\underline{600.000 \text{ s}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 600.343 s



w =23, h =100, x =77, y =0, v =2300 w =13, h =100, x =64, y =0, v =1300 w =16, h =98, x =48, y =0, v =1568 w =1, h =94, x =47, y =0, v =94 w =47, h =81, x =0, y =0, v =3807

 $\le =33$, h =18 , x =14 , y =81 , v =594



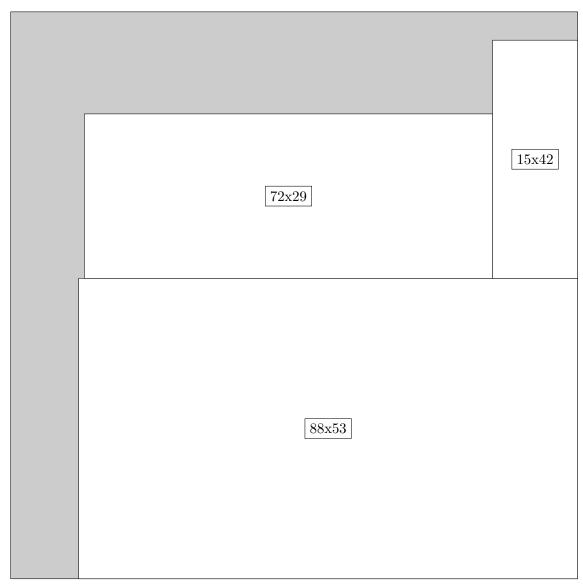
 $\begin{array}{l} w = \! 81 \; , \; h = \! 80 \; , \; x = \! 19 \; , \; y = \! 0 \; , \; v = \! 6480 \\ w = \! 11 \; , \; h = \! 80 \; , \; x = \! 8 \; , \; y = \! 0 \; , \; v = \! 880 \\ w = \! 6 \; , \; h = \! 77 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 462 \end{array}$



$$\le =32$$
 , $h=97$, $x=68$, $y=0$, $v=3104$

$$\mathbf{w}$$
 =68 , h =65 , x =0 , y =0 , v =4420

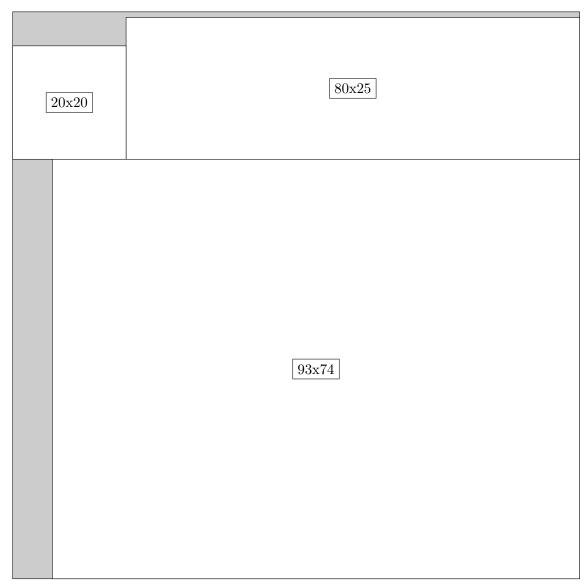
$$\le =66$$
 , h =31 , x =2 , y =65 , v =2046



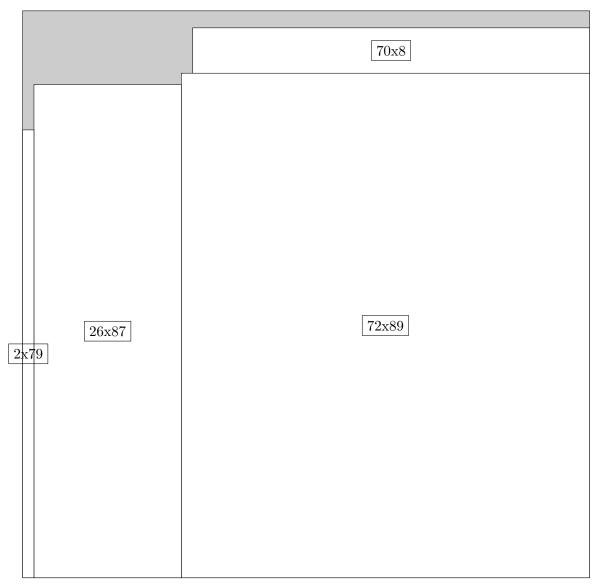
$$w = 88$$
, $h = 53$, $x = 12$, $y = 0$, $v = 4664$

$$\le =15$$
 , h =42 , x =85 , y =53 , v =630

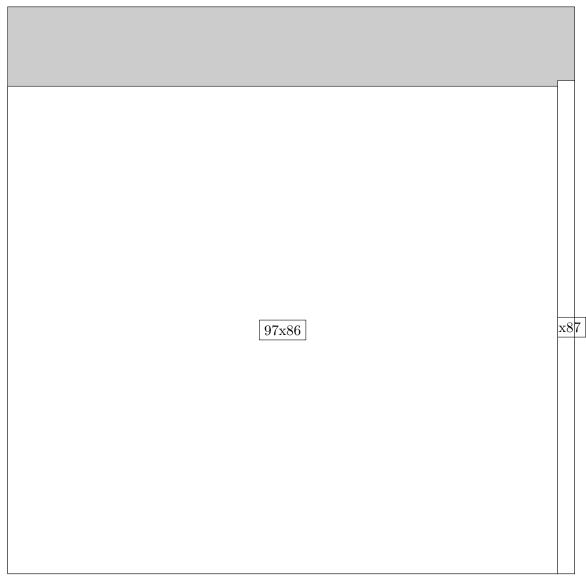
$$\le =72$$
 , h =29 , x =13 , y =53 , v =2088



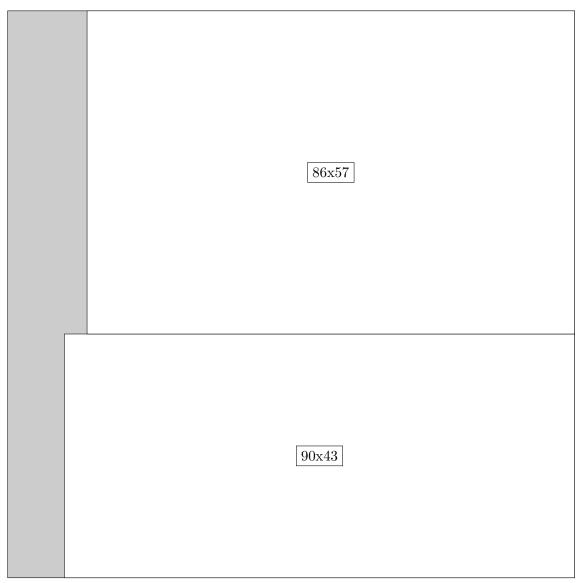
$$\begin{array}{l} w = \! 93 \ , \ h = \! 74 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 6882 \\ w = \! 80 \ , \ h = \! 25 \ , \ x = \! 20 \ , \ y = \! 74 \ , \ v = \! 2000 \\ w = \! 20 \ , \ h = \! 20 \ , \ x = \! 0 \ , \ y = \! 74 \ , \ v = \! 400 \end{array}$$



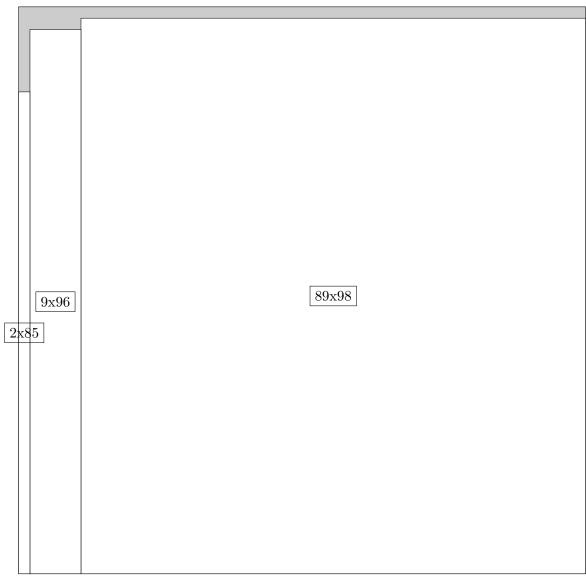
 $\begin{array}{l} w = 72 \ , \ h = 89 \ , \ x = 28 \ , \ y = 0 \ , \ v = 6408 \\ w = 70 \ , \ h = 8 \ , \ x = 30 \ , \ y = 89 \ , \ v = 560 \\ w = 26 \ , \ h = 87 \ , \ x = 2 \ , \ y = 0 \ , \ v = 2262 \\ w = 2 \ , \ h = 79 \ , \ x = 0 \ , \ y = 0 \ , \ v = 158 \end{array}$



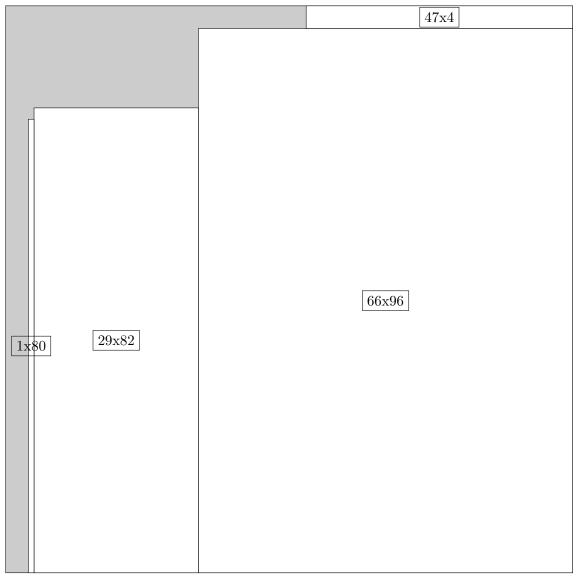
$$\begin{array}{c} w = 3 \ , \ h = \! 87 \ , \ x = \! 97 \ , \ y = \! 0 \ , \ v = \! 261 \\ w = \! 97 \ , \ h = \! 86 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 8342 \end{array}$$



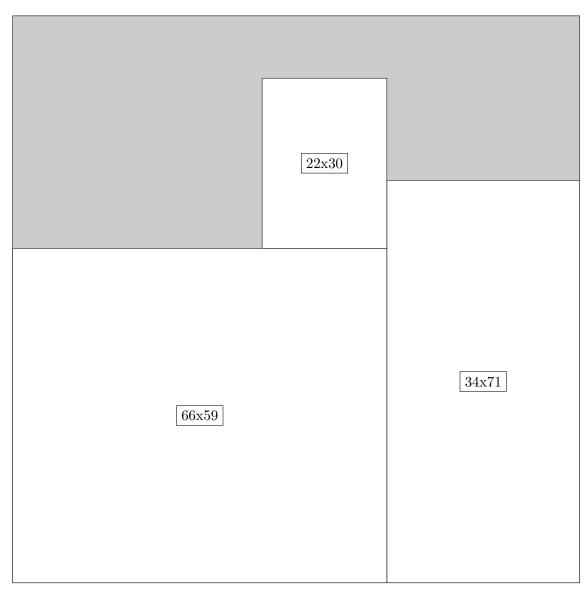
$$\begin{array}{l} w = \! 90 \ , \ h = \! 43 \ , \ x = \! 10 \ , \ y = \! 0 \ , \ v = \! 3870 \\ w = \! 86 \ , \ h = \! 57 \ , \ x = \! 14 \ , \ y = \! 43 \ , \ v = \! 4902 \end{array}$$



 $\begin{array}{l} w = \! 89 \ , \ h = \! 98 \ , \ x = \! 11 \ , \ y = \! 0 \ , \ v = \! 8722 \\ w = \! 9 \ , \ h = \! 96 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 864 \\ w = \! 2 \ , \ h = \! 85 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 170 \end{array}$



 $\begin{array}{l} w = \!66 \;,\; h = \!96 \;,\; x = \!34 \;,\; y = \!0 \;,\; v = \!6336 \\ w = \!29 \;,\; h = \!82 \;,\; x = \!5 \;,\; y = \!0 \;,\; v = \!2378 \\ w = \!1 \;,\; h = \!80 \;,\; x = \!4 \;,\; y = \!0 \;,\; v = \!80 \\ w = \!47 \;,\; h = \!4 \;,\; x = \!53 \;,\; y = \!96 \;,\; v = \!188 \end{array}$



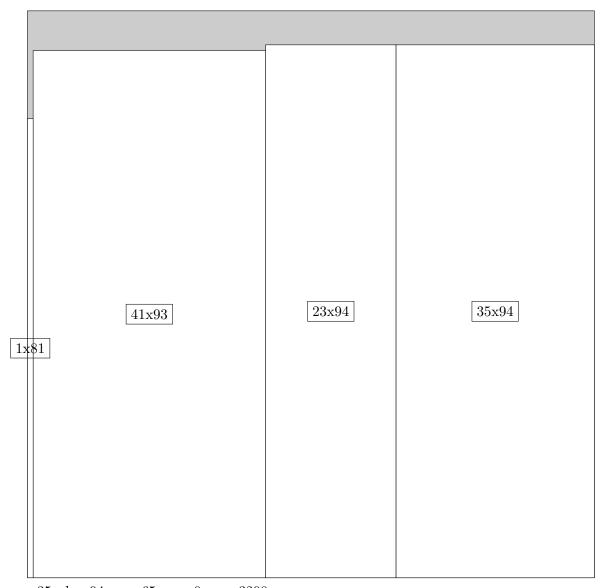
$$w = 34$$
, $h = 71$, $x = 66$, $y = 0$, $v = 2414$

$$\le =66$$
 , $h=59$, $x=0$, $y=0$, $v=3894$

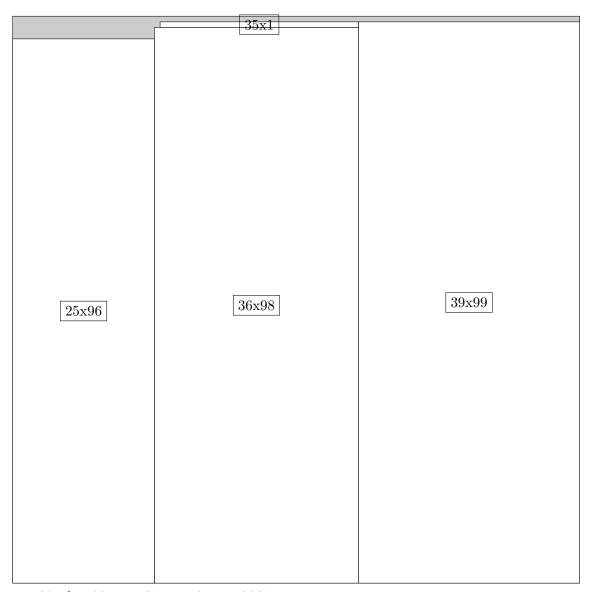
$$\le =22$$
 , h =30 , x =44 , y =59 , v =660

14x72	2	35x72	49x72

 $\begin{array}{l} w = \! 49 \ , \ h = \! 72 \ , \ x = \! 51 \ , \ y = \! 0 \ , \ v = \! 3528 \\ w = \! 35 \ , \ h = \! 72 \ , \ x = \! 16 \ , \ y = \! 0 \ , \ v = \! 2520 \\ w = \! 14 \ , \ h = \! 72 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 1008 \end{array}$



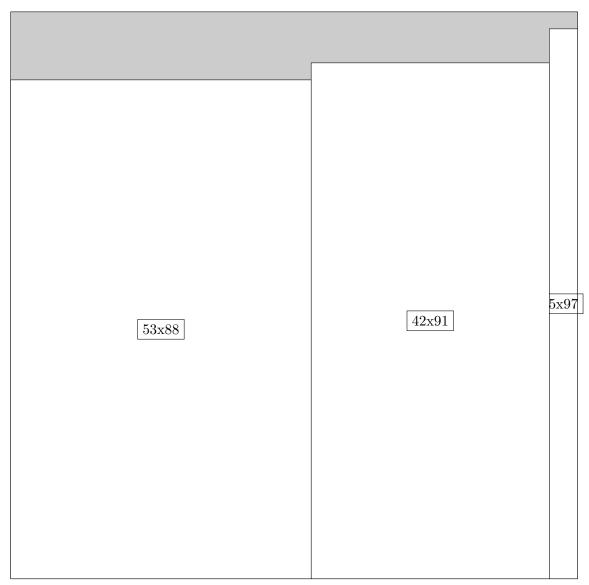
 $\begin{array}{l} w = & 35 \ , \ h = & 94 \ , \ x = & 65 \ , \ y = & 0 \ , \ v = & 3290 \\ w = & 23 \ , \ h = & 94 \ , \ x = & 42 \ , \ y = & 0 \ , \ v = & 2162 \\ w = & 41 \ , \ h = & 93 \ , \ x = & 1 \ , \ y = & 0 \ , \ v = & 3813 \\ w = & 1 \ , \ h = & 81 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 81 \end{array}$



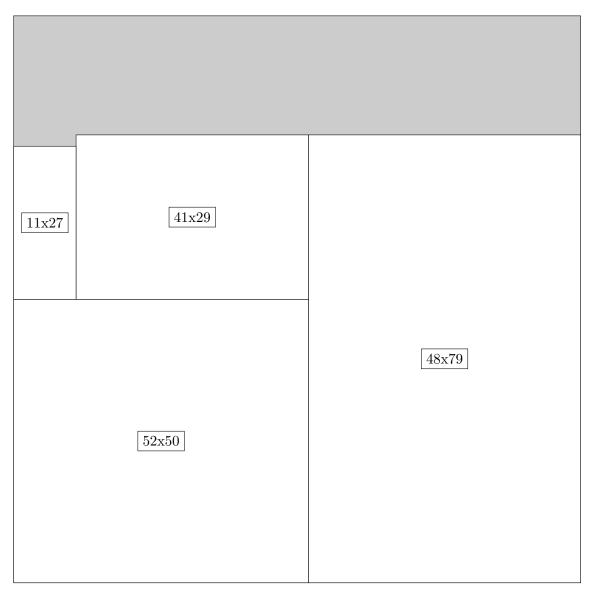
 $\begin{array}{l} w = & 39 \ , \ h = & 99 \ , \ x = & 61 \ , \ y = & 0 \ , \ v = & 3861 \\ w = & 36 \ , \ h = & 98 \ , \ x = & 25 \ , \ y = & 0 \ , \ v = & 3528 \end{array}$

 $\le =35$, h =1 , x =26 , y =98 , v =35

 $\le =25$, h =96 , x =0 , y =0 , v =2400



 $\begin{array}{l} w = 5 \ , \ h = \! 97 \ , \ x = \! 95 \ , \ y = \! 0 \ , \ v = \! 485 \\ w = \! 42 \ , \ h = \! 91 \ , \ x = \! 53 \ , \ y = \! 0 \ , \ v = \! 3822 \\ w = \! 53 \ , \ h = \! 88 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4664 \end{array}$

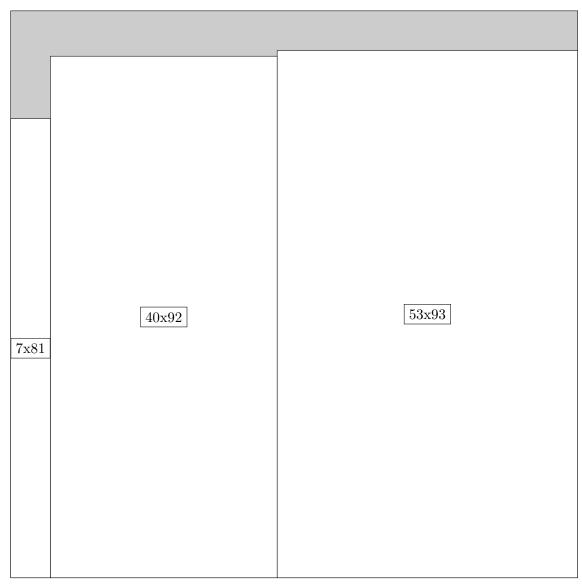


$$\mathbf{w}$$
 =48 , h =79 , x =52 , y =0 , v =3792

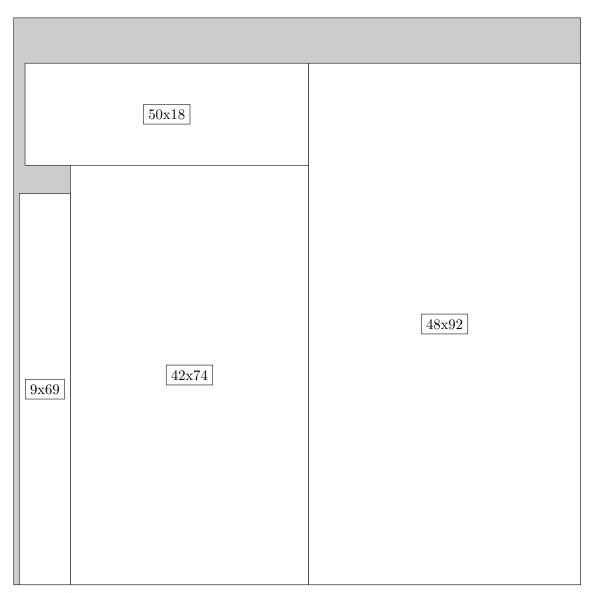
$$w = 52$$
, $h = 50$, $x = 0$, $y = 0$, $v = 2600$

$$\le =41$$
 , h =29 , x =11 , y =50 , v =1189

$$\mathbf{w}$$
 =11 , h =27 , x =0 , y =50 , v =297



 $\begin{array}{l} w = \! 53 \ , \ h = \! 93 \ , \ x = \! 47 \ , \ y = \! 0 \ , \ v = \! 4929 \\ w = \! 40 \ , \ h = \! 92 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 3680 \\ w = \! 7 \ , \ h = \! 81 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 567 \end{array}$



$$\begin{array}{l} w = \!\! 48 \; , \; h = \!\! 92 \; , \; x = \!\! 52 \; , \; y = \!\! 0 \; , \; v = \!\! 4416 \\ w = \!\! 42 \; , \; h = \!\! 74 \; , \; x = \!\! 10 \; , \; y = \!\! 0 \; , \; v = \!\! 3108 \\ w = \!\! 9 \; , \; h = \!\! 69 \; , \; x = \!\! 1 \; , \; y = \!\! 0 \; , \; v = \!\! 621 \\ w = \!\! 50 \; , \; h = \!\! 18 \; , \; x = \!\! 2 \; , \; y = \!\! 74 \; , \; v = \!\! 900 \end{array}$$

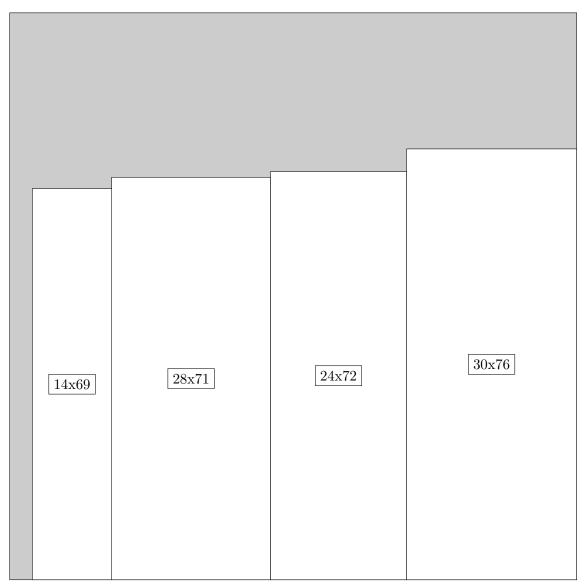
		25x14
32x87	42x87	26x86

$$\le =26$$
 , h =86 , x =74 , y =0 , v =2236

$$\le =25$$
 , h =14 , x =75 , y =86 , v =350

$$\le 42$$
 , h =87 , x =32 , y =0 , v =3654

$$\mathbf{w}$$
 =32 , h =87 , x =0 , y =0 , v =2784

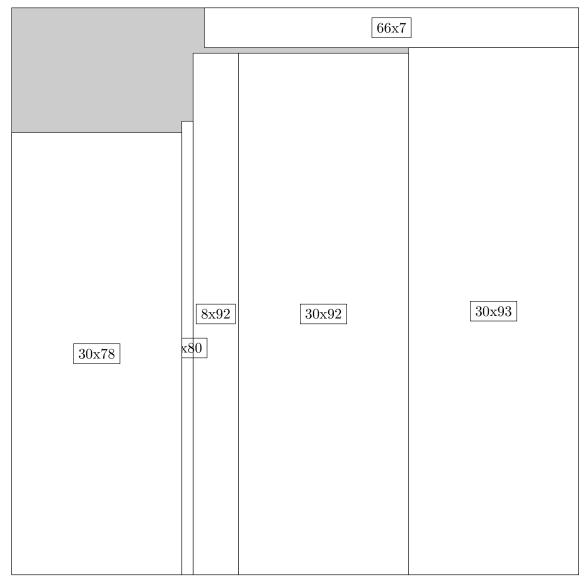


$$\mathbf{w}$$
 =30 , \mathbf{h} =76 , \mathbf{x} =70 , \mathbf{y} =0 , \mathbf{v} =2280

$$w = 24$$
, $h = 72$, $x = 46$, $y = 0$, $v = 1728$

$$\le =28$$
 , h =71 , x =18 , y =0 , v =1988

$$\mathbf{w}$$
 =14 , h =69 , x =4 , y =0 , v =966



$$\begin{array}{l} w = & 30 \ , \ h = & 93 \ , \ x = & 70 \ , \ y = & 0 \ , \ v = & 2790 \\ w = & 30 \ , \ h = & 92 \ , \ x = & 40 \ , \ y = & 0 \ , \ v = & 2760 \\ w = & 8 \ , \ h = & 92 \ , \ x = & 32 \ , \ y = & 0 \ , \ v = & 736 \\ w = & 2 \ , \ h = & 80 \ , \ x = & 30 \ , \ y = & 0 \ , \ v = & 160 \\ w = & 30 \ , \ h = & 78 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 2340 \\ w = & 66 \ , \ h = & 7 \ , \ x = & 34 \ , \ y = & 93 \ , \ v = & 462 \end{array}$$



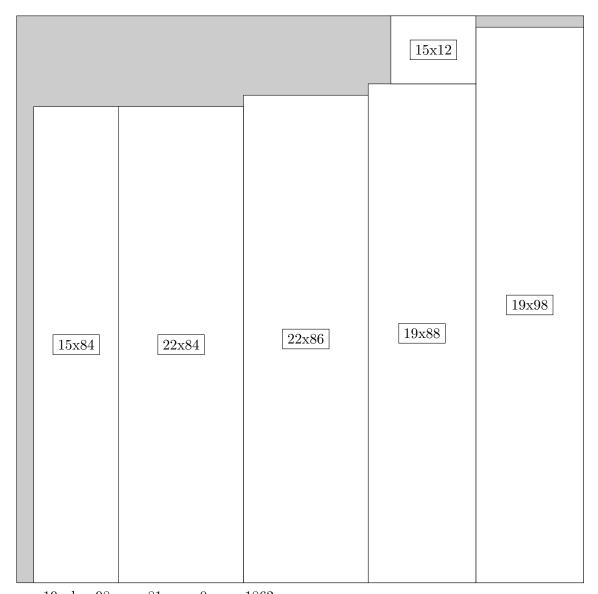
$$w$$
 =30 , h =83 , x =70 , y =0 , v =2490

$$\le =16$$
 , $h=77$, $x=54$, $y=0$, $v=1232$

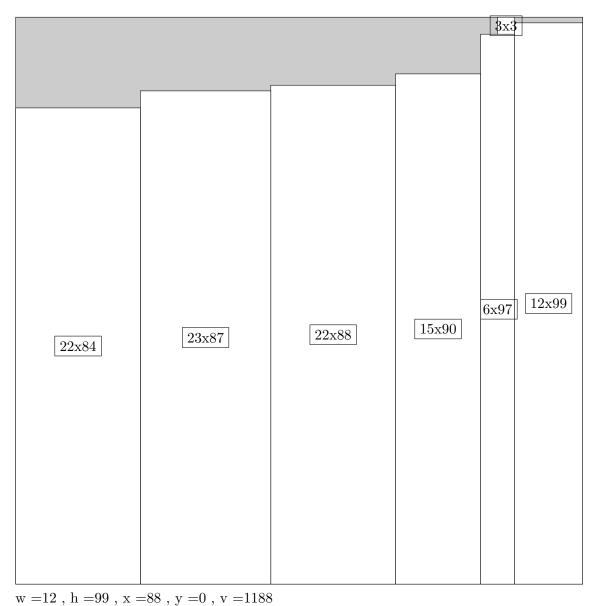
$$\le =26$$
 , h =70 , x =28 , y =0 , v =1820

$$\le =25$$
 , h =4 , x =29 , y =70 , v =100

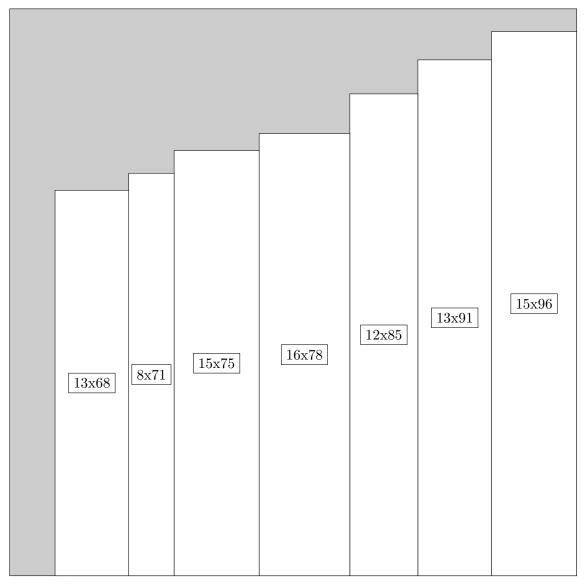
$$\mathbf{w}$$
 =28 , h =70 , x =0 , y =0 , v =1960



$$\begin{array}{l} w = 19 \ , \ h = 98 \ , \ x = 81 \ , \ y = 0 \ , \ v = 1862 \\ w = 19 \ , \ h = 88 \ , \ x = 62 \ , \ y = 0 \ , \ v = 1672 \\ w = 15 \ , \ h = 12 \ , \ x = 66 \ , \ y = 88 \ , \ v = 180 \\ w = 22 \ , \ h = 86 \ , \ x = 40 \ , \ y = 0 \ , \ v = 1892 \\ w = 22 \ , \ h = 84 \ , \ x = 18 \ , \ y = 0 \ , \ v = 1848 \\ w = 15 \ , \ h = 84 \ , \ x = 3 \ , \ y = 0 \ , \ v = 1260 \end{array}$$



w =12, h =99, x =88, y =0, v =1188 w =6, h =97, x =82, y =0, v =582 w =3, h =3, x =85, y =97, v =9 w =15, h =90, x =67, y =0, v =1350 w =22, h =88, x =45, y =0, v =1936 w =23, h =87, x =22, y =0, v =2001 w =22, h =84, x =0, y =0, v =1848



$$\begin{array}{l} w=15 \ , \ h=96 \ , \ x=85 \ , \ y=0 \ , \ v=1440 \\ w=13 \ , \ h=91 \ , \ x=72 \ , \ y=0 \ , \ v=1183 \\ w=12 \ , \ h=85 \ , \ x=60 \ , \ y=0 \ , \ v=1020 \\ w=16 \ , \ h=78 \ , \ x=44 \ , \ y=0 \ , \ v=1248 \\ w=15 \ , \ h=75 \ , \ x=29 \ , \ y=0 \ , \ v=1125 \\ w=8 \ , \ h=71 \ , \ x=21 \ , \ y=0 \ , \ v=568 \\ w=13 \ , \ h=68 \ , \ x=8 \ , \ y=0 \ , \ v=884 \end{array}$$