$ClassName: \ Class_07.2bp-38$

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>240000</u> InS: <u>197422</u> Rate: <u>0.823</u> UB: <u>24</u> LB0: <u>23</u>

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

LB: **24**

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{105}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{82}}$ PricingSolverCnt: $\underline{\mathbf{82}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

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

TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{2999.585 \text{ s}}$

TimeOnRmp: $\underline{0.125 \text{ s}}$ TotalTime: $\underline{3599.999 \text{ s}}$

13x100	17x100	22x100	44x100

 $\begin{array}{l} w = \! 44 \; , \; h = \! 100 \; , \; x = \! 56 \; , \; y = \! 0 \; , \; v = \! 4400 \\ w = \! 22 \; , \; h = \! 100 \; , \; x = \! 34 \; , \; y = \! 0 \; , \; v = \! 2200 \\ w = \! 17 \; , \; h = \! 100 \; , \; x = \! 17 \; , \; y = \! 0 \; , \; v = \! 1700 \\ w = \! 13 \; , \; h = \! 100 \; , \; x = \! 4 \; , \; y = \! 0 \; , \; v = \! 1300 \end{array}$

	79x28		12x33
28x66	20x67	41x67	

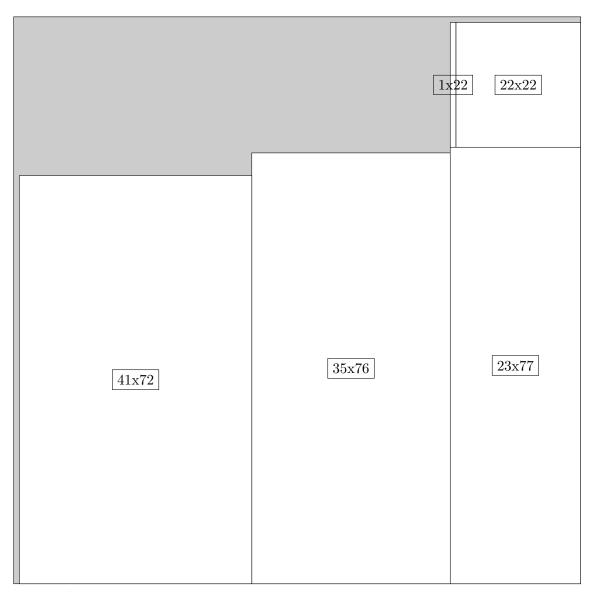
$$w = 41$$
, $h = 67$, $x = 59$, $y = 0$, $v = 2747$

$$\le =28$$
 , h =66 , x =11 , y =0 , v =1848

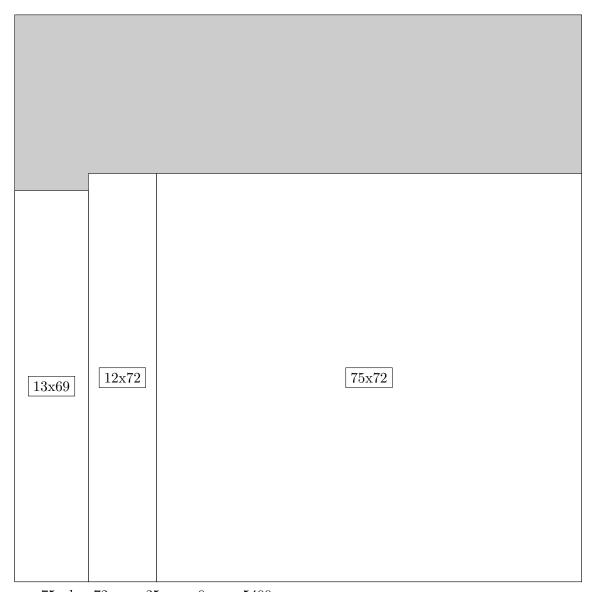
$$\le =12$$
 , h =33 , x =88 , y =67 , v =396

$$\le =79$$
 , h =28 , x =9 , y =67 , v =2212

 $[\]le =20$, h =67 , x =39 , y =0 , v =1340

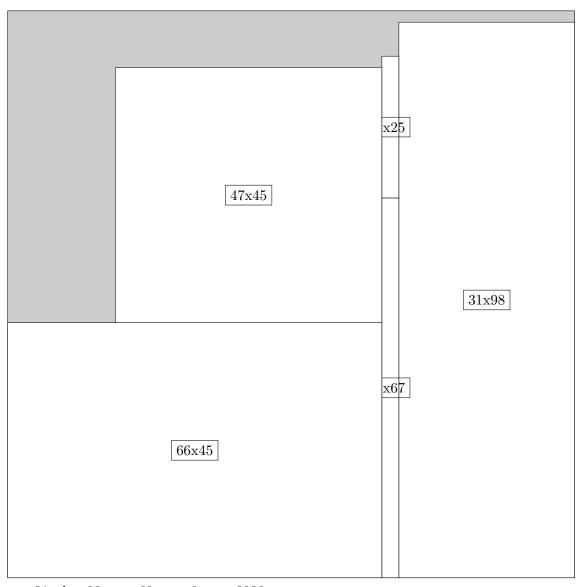


 $\begin{array}{l} w=23 \ , \ h=77 \ , \ x=77 \ , \ y=0 \ , \ v=1771 \\ w=22 \ , \ h=22 \ , \ x=78 \ , \ y=77 \ , \ v=484 \\ w=1 \ , \ h=22 \ , \ x=77 \ , \ y=77 \ , \ v=22 \\ w=35 \ , \ h=76 \ , \ x=42 \ , \ y=0 \ , \ v=2660 \\ w=41 \ , \ h=72 \ , \ x=1 \ , \ y=0 \ , \ v=2952 \end{array}$



$$\begin{array}{l} w = \!\! 75 \ , \ h = \!\! 72 \ , \ x = \!\! 25 \ , \ y = \!\! 0 \ , \ v = \!\! 5400 \\ w = \!\! 12 \ , \ h = \!\! 72 \ , \ x = \!\! 13 \ , \ y = \!\! 0 \ , \ v = \!\! 864 \end{array}$$

$$w = 13$$
, $h = 69$, $x = 0$, $y = 0$, $v = 897$



 $\le =31$, h =98 , x =69 , y =0 , v =3038

 $\le =3$, h =67 , x =66 , y =0 , v =201

 ≤ 3 , h = 25 , x = 66 , y = 67 , v = 75

 $\le =66$, h=45 , x=0 , y=0 , v=2970

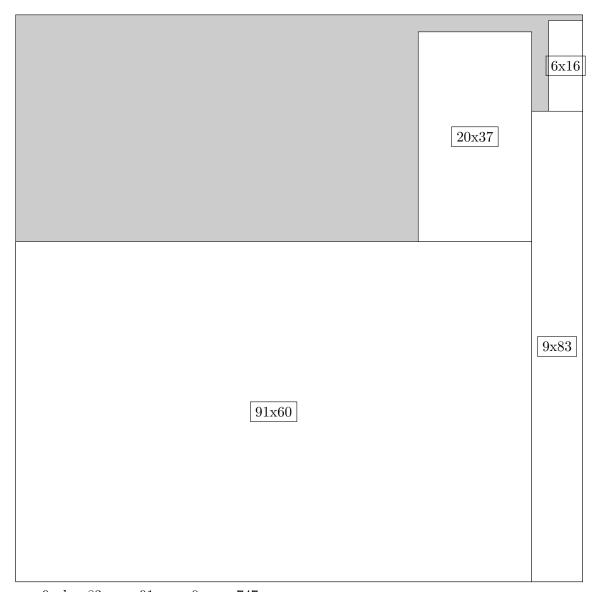
 $\le =47$, h =45 , x =19 , y =45 , v =2115



$$w = 20$$
, $h = 48$, $x = 80$, $y = 0$, $v = 960$

$$\mathbf{w}$$
 =77 , h =46 , x =3 , y =0 , v =3542

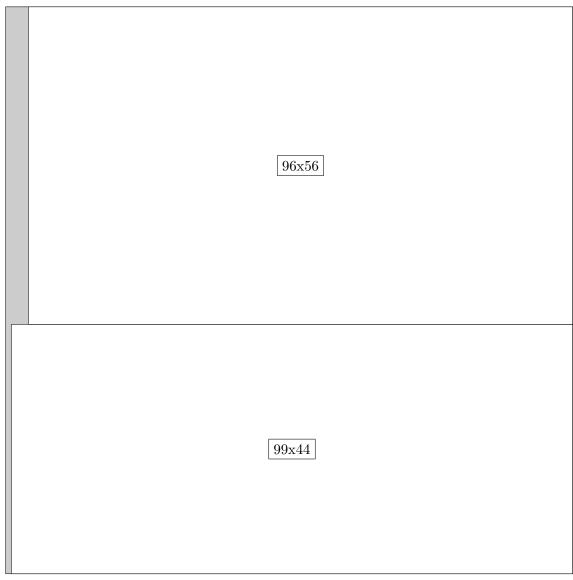
$$w$$
 =93 , h =52 , x =7 , y =48 , v =4836



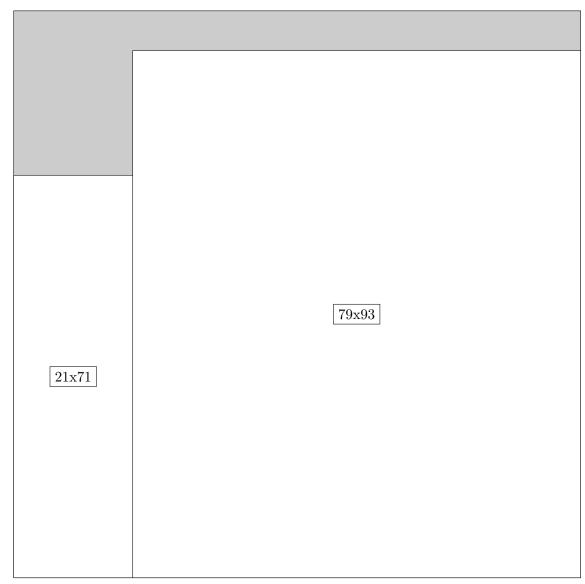
 $\begin{array}{l} w = 9 \ , \ h = \! 83 \ , \ x = \! 91 \ , \ y = \! 0 \ , \ v = \! 747 \\ w = \! 6 \ , \ h = \! 16 \ , \ x = \! 94 \ , \ y = \! 83 \ , \ v = \! 96 \end{array}$

 $\le =91$, h =60 , x =0 , y =0 , v =5460

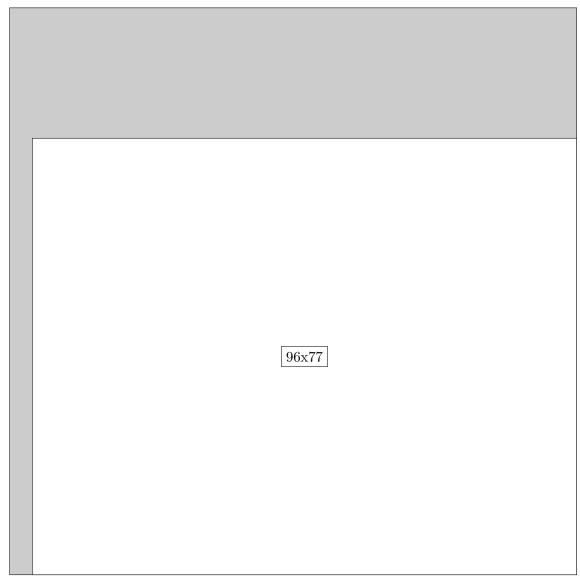
w = 20, h = 37, x = 71, y = 60, v = 740



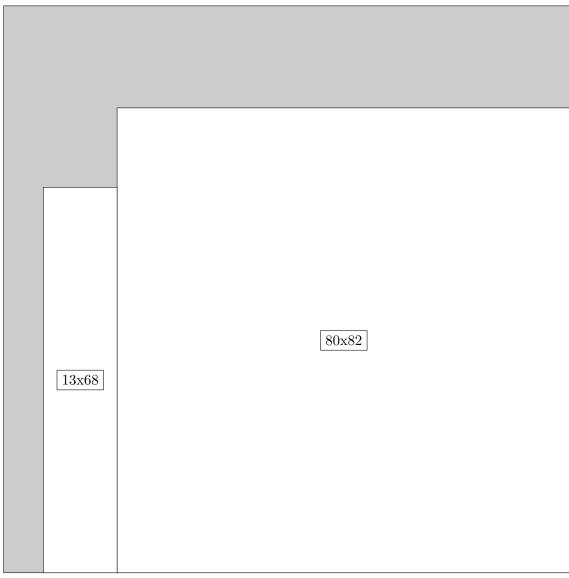
$$\begin{array}{l} w = 99 \ , \ h = \!\! 44 \ , \ x = \!\! 1 \ , \ y = \!\! 0 \ , \ v = \!\! 4356 \\ w = \!\! 96 \ , \ h = \!\! 56 \ , \ x = \!\! 4 \ , \ y = \!\! 44 \ , \ v = \!\! 5376 \end{array}$$



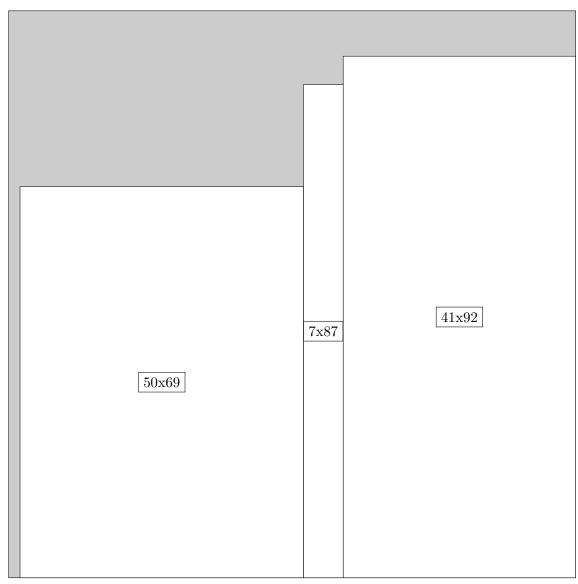
$$\begin{array}{l} w = \! 79 \ , \ h = \! 93 \ , \ x = \! 21 \ , \ y = \! 0 \ , \ v = \! 7347 \\ w = \! 21 \ , \ h = \! 71 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1491 \end{array}$$



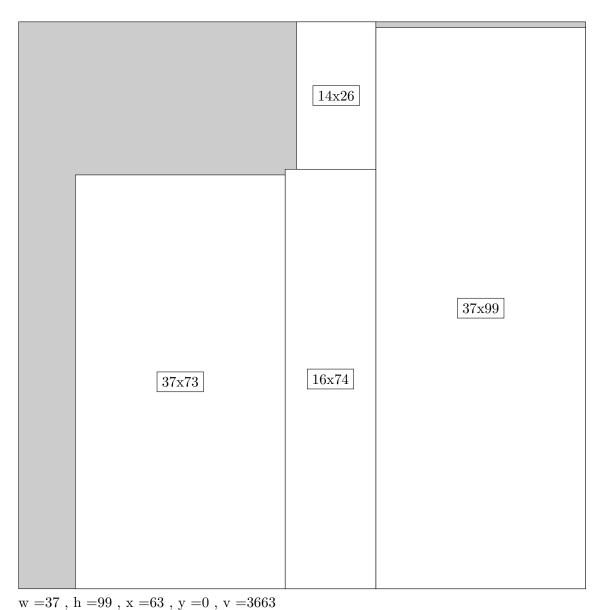
 $\le =96$, h =77 , x =4 , y =0 , v =7392



$$\begin{array}{l} w = \! 80 \ , \ h = \! 82 \ , \ x = \! 20 \ , \ y = \! 0 \ , \ v = \! 6560 \\ w = \! 13 \ , \ h = \! 68 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 884 \end{array}$$

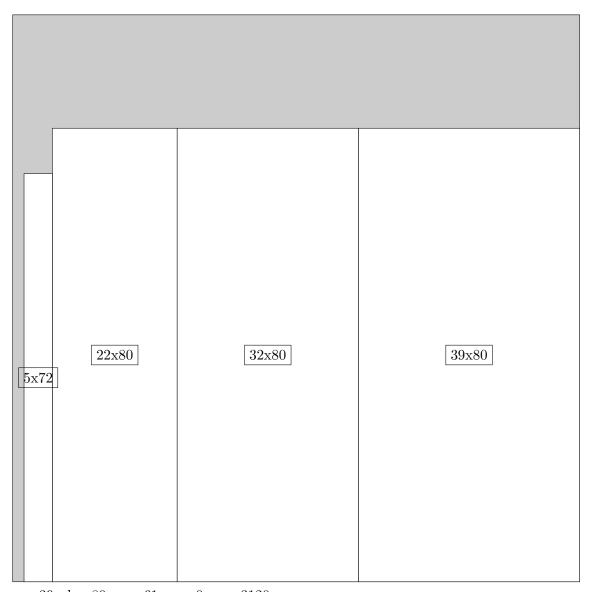


 $\begin{array}{l} w = & 41 \ , \ h = & 92 \ , \ x = & 59 \ , \ y = & 0 \ , \ v = & 3772 \\ w = & 7 \ , \ h = & 87 \ , \ x = & 52 \ , \ y = & 0 \ , \ v = & 609 \\ w = & 50 \ , \ h = & 69 \ , \ x = & 2 \ , \ y = & 0 \ , \ v = & 3450 \end{array}$

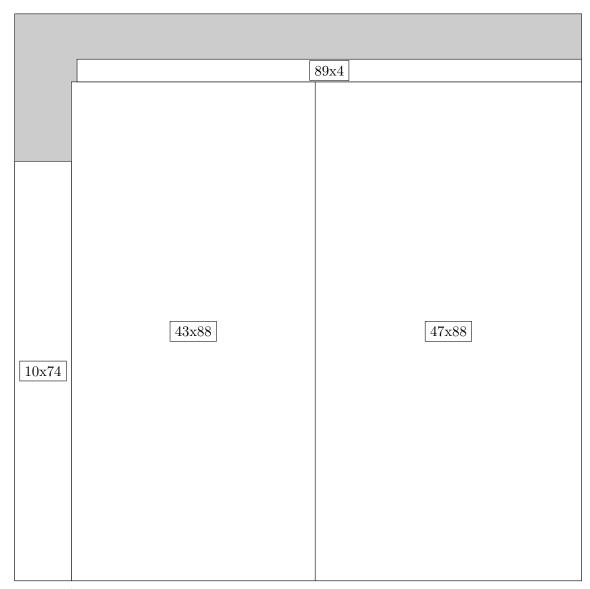


 \mathbf{w} =16 , h =74 , x =47 , y =0 , v =1184 $\le =14$, h =26 , x =49 , y =74 , v =364

 $\le =37$, h =73 , x =10 , y =0 , v =2701



 $\begin{array}{l} w = & 39 \ , \ h = & 80 \ , \ x = & 61 \ , \ y = & 0 \ , \ v = & 3120 \\ w = & 32 \ , \ h = & 80 \ , \ x = & 29 \ , \ y = & 0 \ , \ v = & 2560 \\ w = & 22 \ , \ h = & 80 \ , \ x = & 7 \ , \ y = & 0 \ , \ v = & 1760 \\ w = & 5 \ , \ h = & 72 \ , \ x = & 2 \ , \ y = & 0 \ , \ v = & 360 \end{array}$

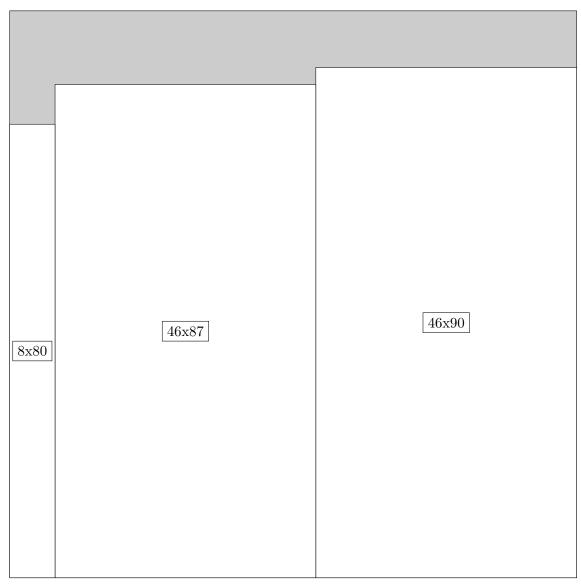


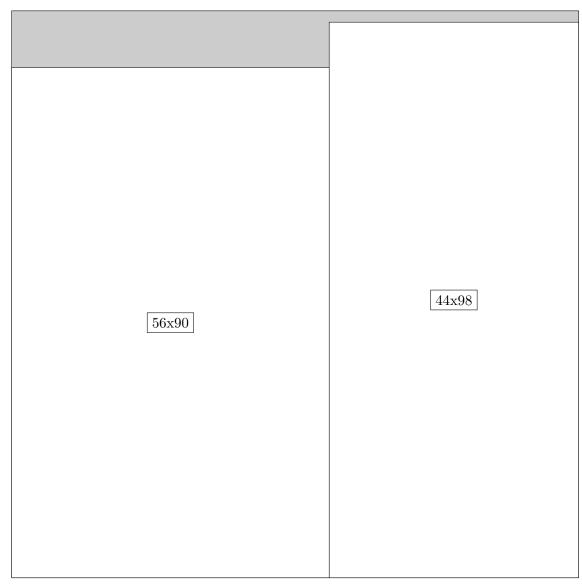
 $\le =47$, h =88 , x =53 , y =0 , v =4136

 $\le =43$, h=88 , x=10 , y=0 , v=3784

 $\le =10$, h =74 , x =0 , y =0 , v =740

 $w=\!89$, $h=\!4$, $x=\!11$, $y=\!88$, $v=\!356$





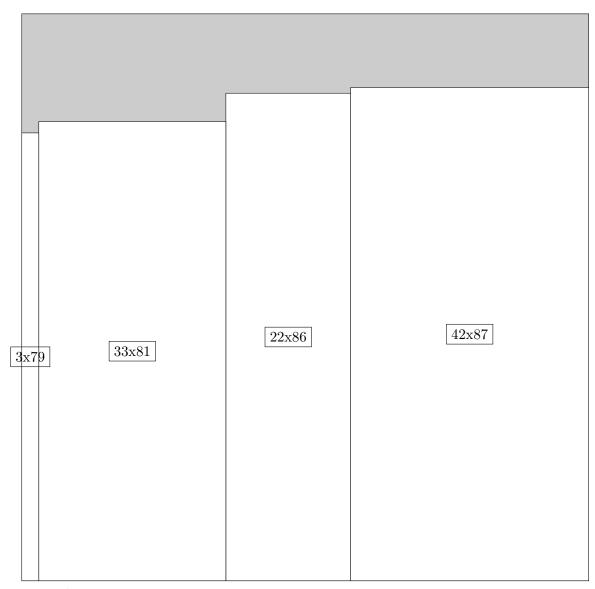
$$\begin{array}{l} w = \! 44 \ , \ h = \! 98 \ , \ x = \! 56 \ , \ y = \! 0 \ , \ v = \! 4312 \\ w = \! 56 \ , \ h = \! 90 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5040 \end{array}$$

	48x15
50x84	49x85

$$w = 49$$
, $h = 85$, $x = 51$, $y = 0$, $v = 4165$

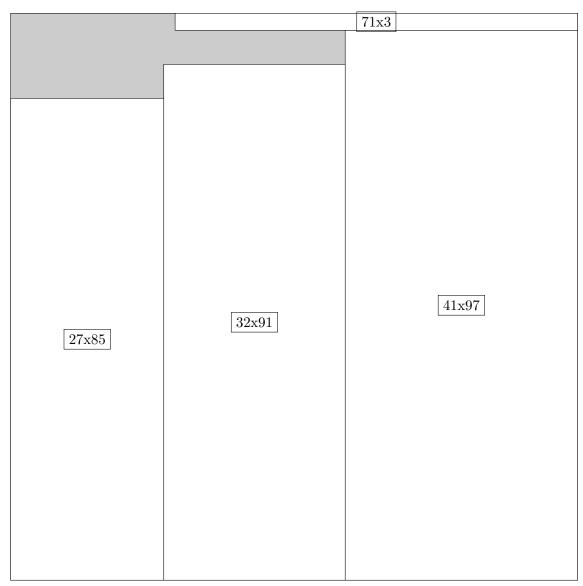
$$\le =48$$
 , h =15 , x =52 , y =85 , v =720

$$\le =50$$
 , h =84 , x =1 , y =0 , v =4200



 $\begin{array}{l} w = \! 42 \ , \ h = \! 87 \ , \ x = \! 58 \ , \ y = \! 0 \ , \ v = \! 3654 \\ w = \! 22 \ , \ h = \! 86 \ , \ x = \! 36 \ , \ y = \! 0 \ , \ v = \! 1892 \\ w = \! 33 \ , \ h = \! 81 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 2673 \end{array}$

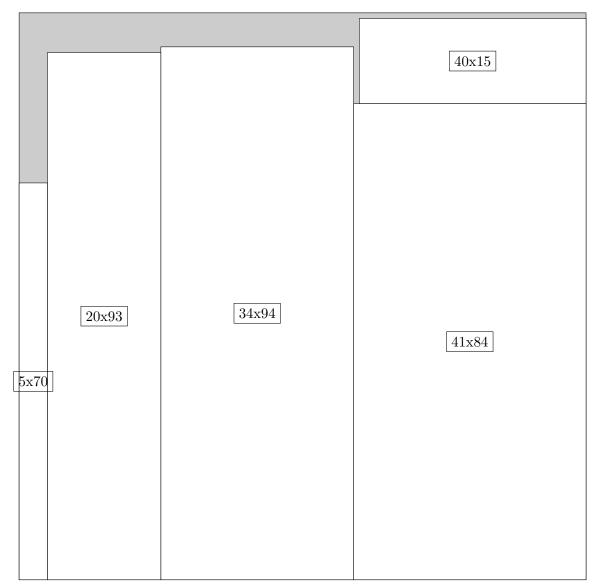
 $\le =3$, h =79 , x =0 , y =0 , v =237



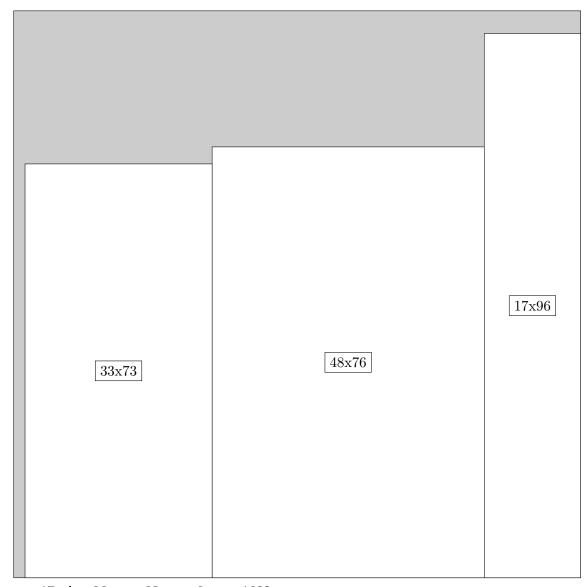
 $\le =41$, h =97 , x =59 , y =0 , v =3977 $\le =32$, h =91 , x =27 , y =0 , v =2912

 $\le =27$, h =85 , x =0 , y =0 , v =2295

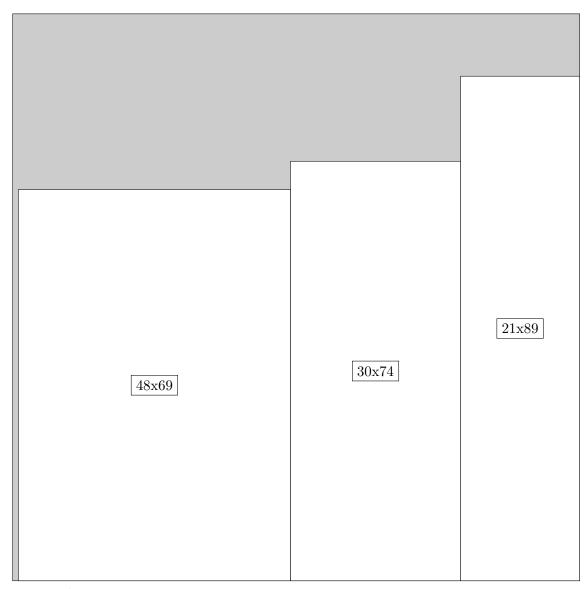
w =71 , h =3 , x =29 , y =97 , v =213



 $\begin{array}{l} w = \!\! 41 \ , \ h = \!\! 84 \ , \ x = \!\! 59 \ , \ y = \!\! 0 \ , \ v = \!\! 3444 \\ w = \!\! 40 \ , \ h = \!\! 15 \ , \ x = \!\! 60 \ , \ y = \!\! 84 \ , \ v = \!\! 600 \\ w = \!\! 34 \ , \ h = \!\! 94 \ , \ x = \!\! 25 \ , \ y = \!\! 0 \ , \ v = \!\! 3196 \\ w = \!\! 20 \ , \ h = \!\! 93 \ , \ x = \!\! 5 \ , \ y = \!\! 0 \ , \ v = \!\! 1860 \\ w = \!\! 5 \ , \ h = \!\! 70 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 350 \end{array}$



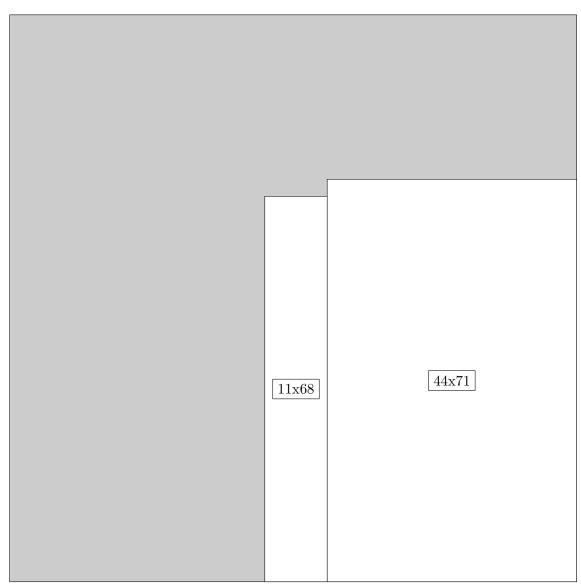
$$\begin{array}{l} w = \! 17 \; , \; h = \! 96 \; , \; x = \! 83 \; , \; y = \! 0 \; , \; v = \! 1632 \\ w = \! 48 \; , \; h = \! 76 \; , \; x = \! 35 \; , \; y = \! 0 \; , \; v = \! 3648 \\ w = \! 33 \; , \; h = \! 73 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 2409 \end{array}$$



$$\le =21$$
 , h =89 , x =79 , y =0 , v =1869

$$w = 30 , h = 74 , x = 49 , y = 0 , v = 2220$$

$$\le =48$$
 , h =69 , x =1 , y =0 , v =3312



 $\begin{array}{l} w = \! 44 \ , \ h = \! 71 \ , \ x = \! 56 \ , \ y = \! 0 \ , \ v = \! 3124 \\ w = \! 11 \ , \ h = \! 68 \ , \ x = \! 45 \ , \ y = \! 0 \ , \ v = \! 748 \end{array}$