$ClassName: \ Class_07.2bp-36$

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>240000</u> InS: <u>206353</u> Rate: <u>0.860</u> UB: <u>24</u> LB0: <u>24</u>

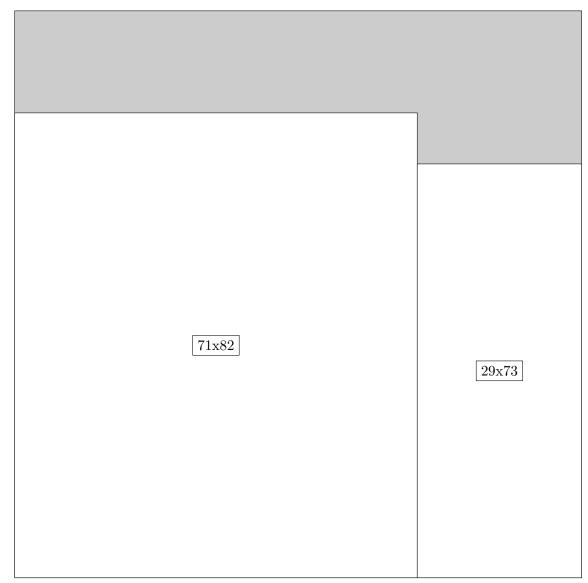
LB: <u>24</u> LBWithCut: <u>24</u>

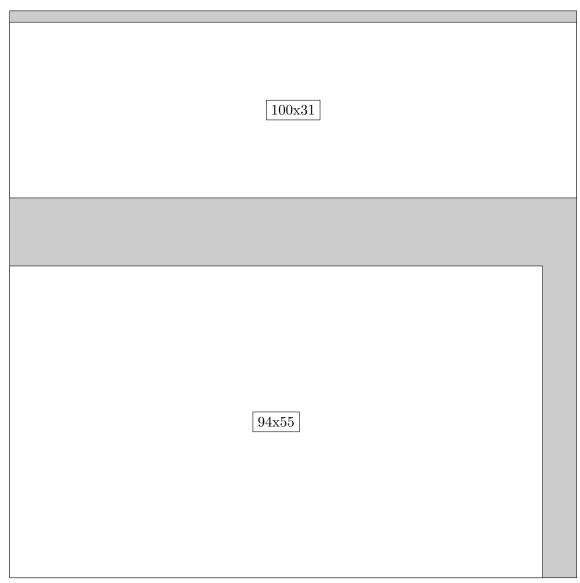
NodeCut: $\underline{0}$ ExtendedNodeCnt: $\underline{9}$ GenNodeCnt: $\underline{14}$ PrimalNode: $\underline{220}$ ColumnCount: $\underline{369}$ TotalCutCount: $\underline{94}$ RootCutCount: $\underline{94}$ LPSolverCnt: $\underline{1758}$ PricingSolverCnt: $\underline{1748}$

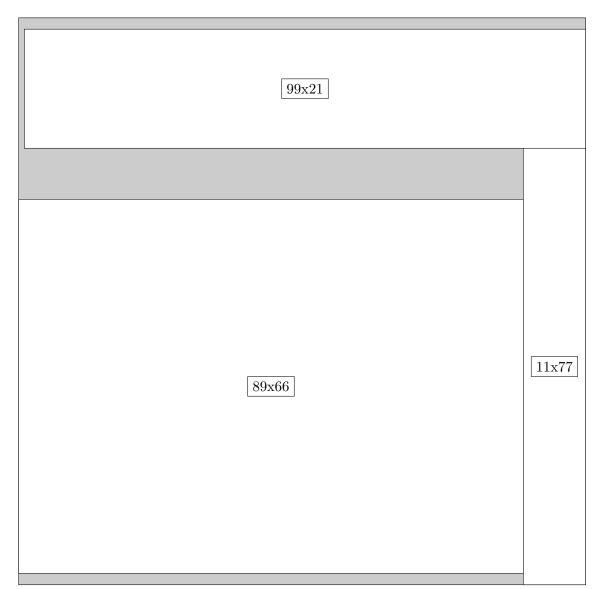
isOpt: **true**

TimeOnPrimal: $\underline{49.204}$ s TimeOnPricing: $\underline{82.202}$ s TimeOnRmp: $\underline{0.937}$ s TotalTime: $\underline{84.192}$ s

BranchAndBoundNum: $\underline{14}$



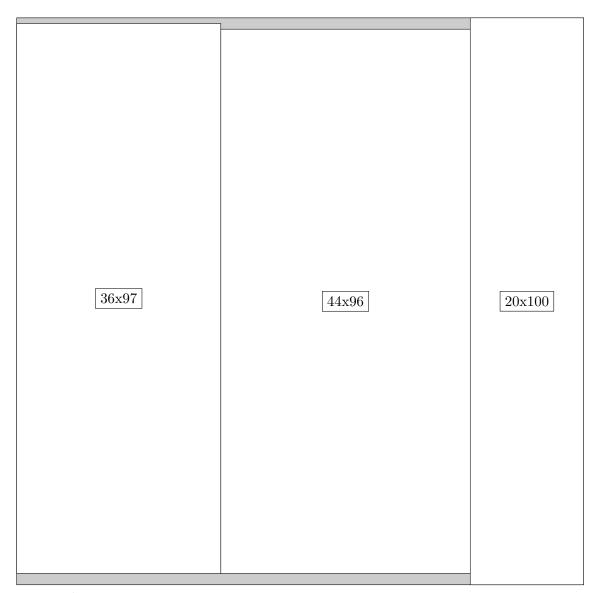




$$\le =11$$
 , h =77 , x =89 , y =0 , v =847

$$\le =89$$
 , h =66 , x =0 , y =2 , v =5874

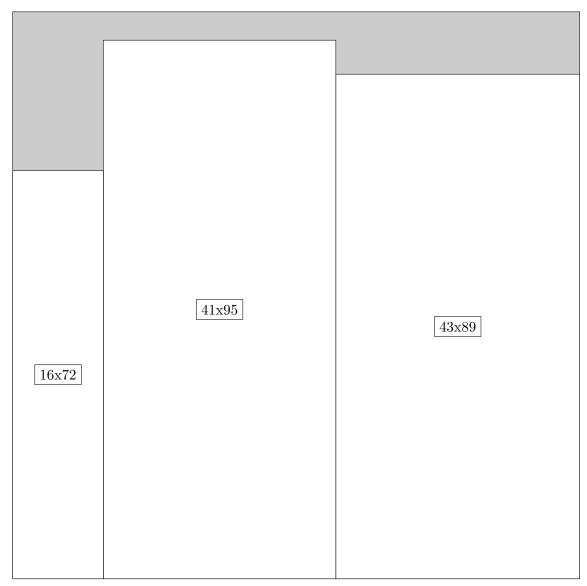
$$\le =99$$
 , h =21 , x =1 , y =77 , v =2079



$$\le =20$$
 , $h=100$, $x=\!80$, $y=\!0$, $v=\!2000$

$$\mathbf{w}$$
 =44 , h =96 , x =36 , y =2 , v =4224

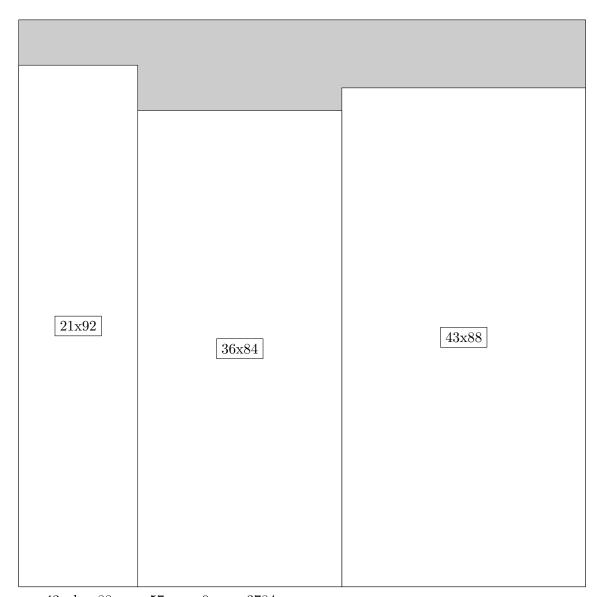
$$\le =36$$
 , h =97 , x =0 , y =2 , v =3492



w = 43, h = 89, x = 57, y = 0, v = 3827

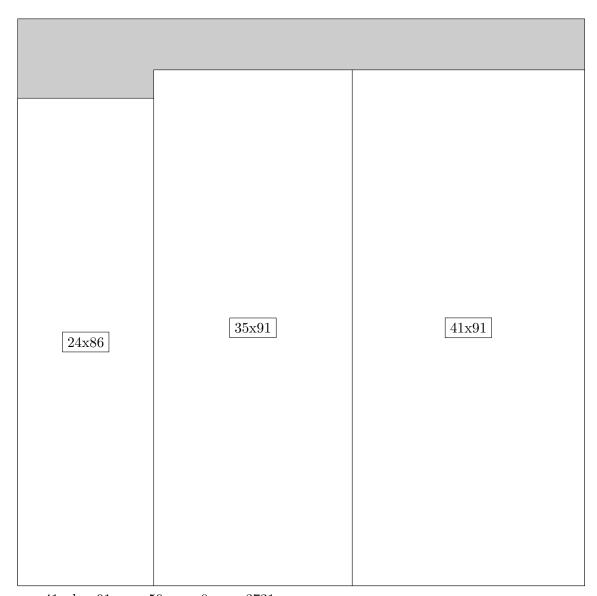
 $\le =41$, h=95 , x=16 , y=0 , v=3895

 $\le =16$, h =72 , x =0 , y =0 , v =1152

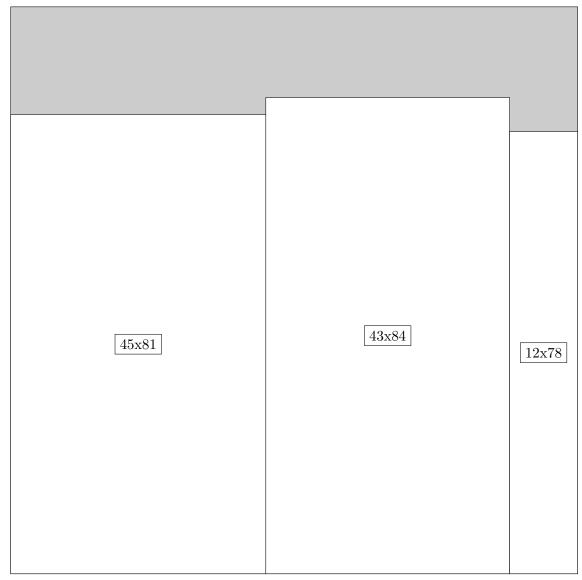


 $\begin{array}{l} w = \! 43 \ , \ h = \! 88 \ , \ x = \! 57 \ , \ y = \! 0 \ , \ v = \! 3784 \\ w = \! 36 \ , \ h = \! 84 \ , \ x = \! 21 \ , \ y = \! 0 \ , \ v = \! 3024 \end{array}$

 $\le =21$, h =92 , x =0 , y =0 , v =1932



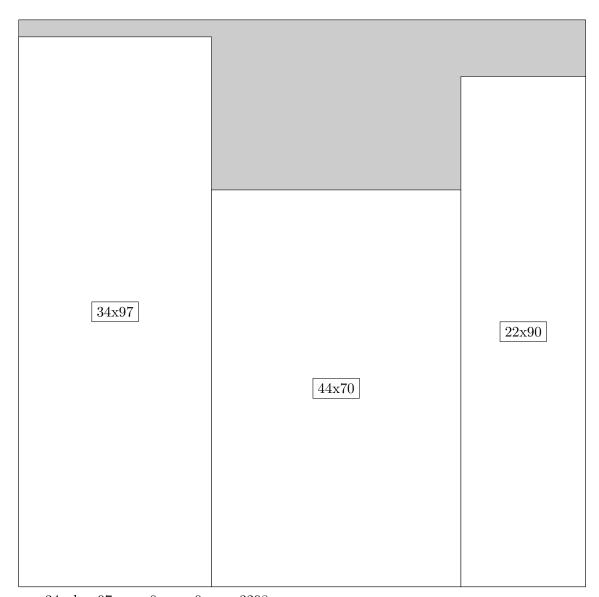
 $\begin{array}{l} w = \! 41 \ , \ h = \! 91 \ , \ x = \! 59 \ , \ y = \! 0 \ , \ v = \! 3731 \\ w = \! 35 \ , \ h = \! 91 \ , \ x = \! 24 \ , \ y = \! 0 \ , \ v = \! 3185 \\ w = \! 24 \ , \ h = \! 86 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2064 \end{array}$



$$w = 45$$
, $h = 81$, $x = 0$, $y = 0$, $v = 3645$

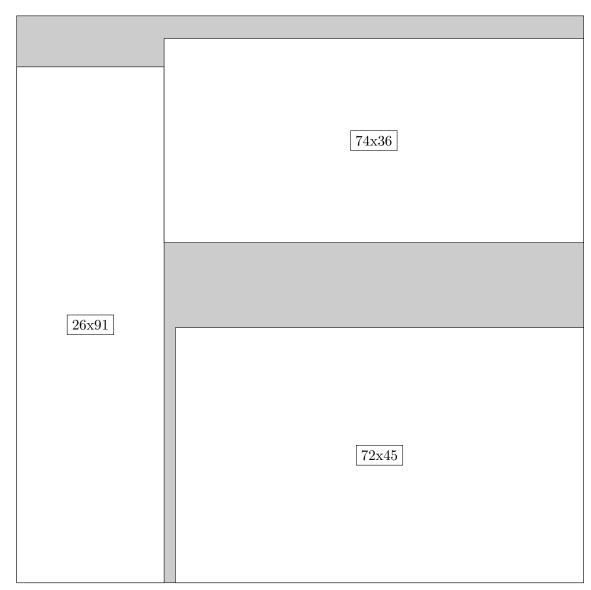
$$\le =43$$
 , h =84 , x =45 , y =0 , v =3612

$$\le =12$$
 , h =78 , x =88 , y =0 , v =936



$$\le =44$$
 , $h=70$, $x=34$, $y=0$, $v=3080$

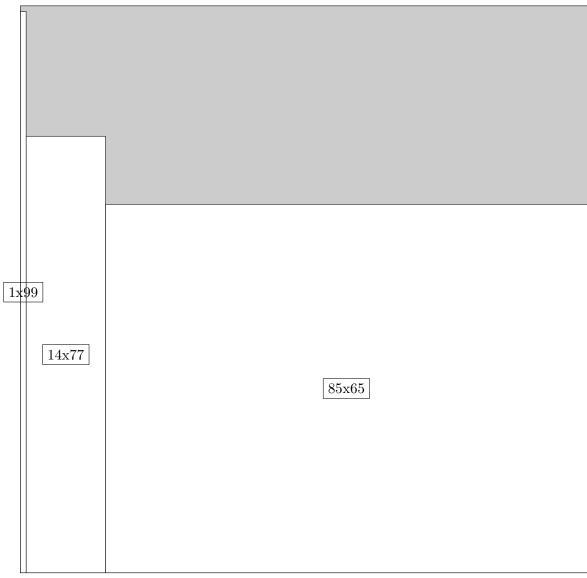
$$\le =22$$
 , h =90 , x =78 , y =0 , v =1980



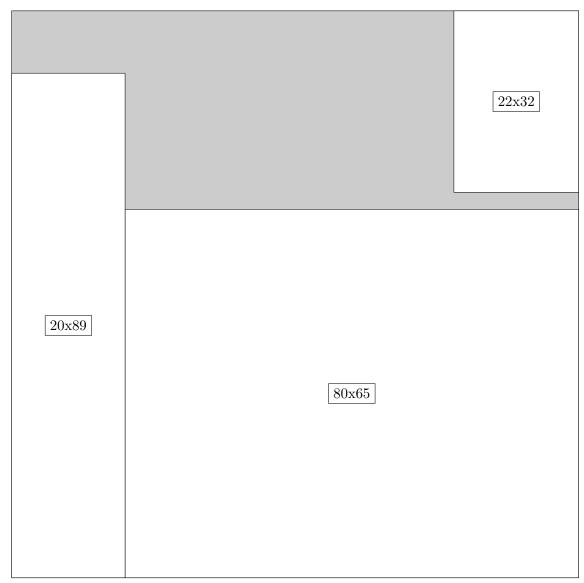
$$w = 72$$
, $h = 45$, $x = 28$, $y = 0$, $v = 3240$

$$\le =26$$
 , h =91 , x =0 , y =0 , v =2366

$$\le =74$$
 , h =36 , x =26 , y =60 , v =2664



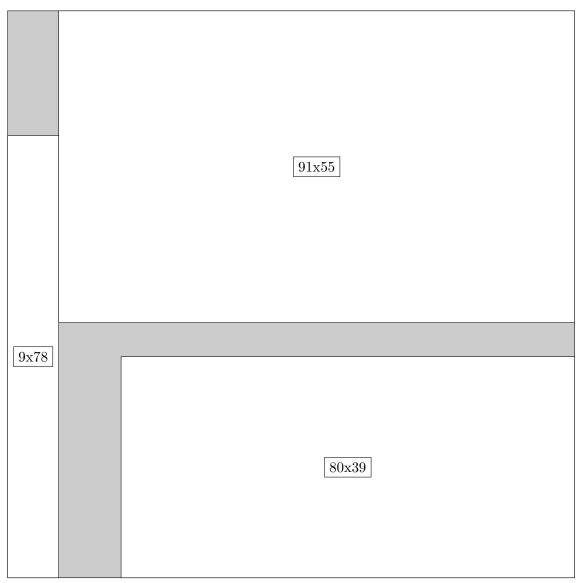
 $\begin{array}{l} w = & 85 \ , \ h = & 65 \ , \ x = & 15 \ , \ y = & 0 \ , \ v = & 5525 \\ w = & 14 \ , \ h = & 77 \ , \ x = & 1 \ , \ y = & 0 \ , \ v = & 1078 \\ w = & 1 \ , \ h = & 99 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 99 \end{array}$



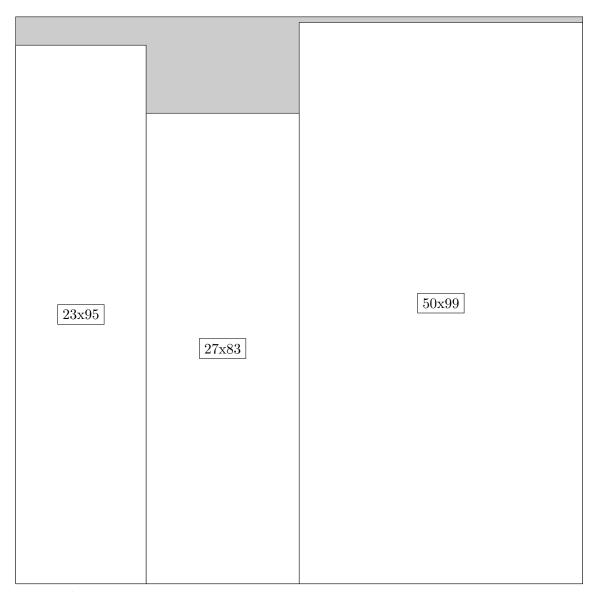
$$\le =80$$
 , h =65 , x =20 , y =0 , v =5200

$$\le =20$$
 , h =89 , x =0 , y =0 , v =1780

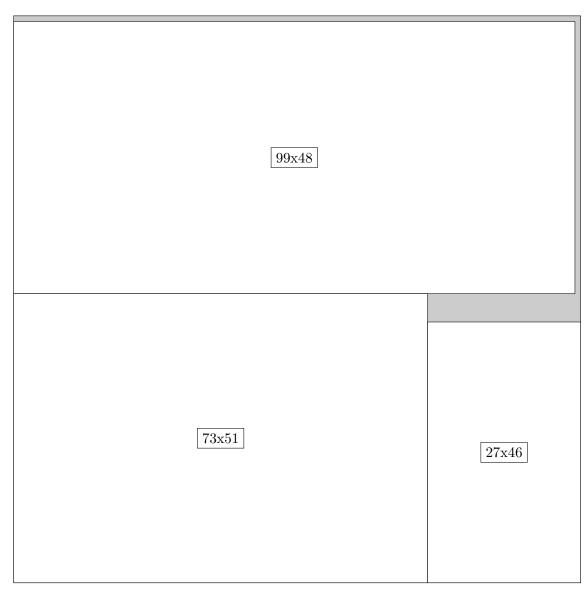
$$\le =22$$
 , h =32 , x =78 , y =68 , v =704



 $\begin{array}{l} w = \! 80 \ , \ h = \! 39 \ , \ x = \! 20 \ , \ y = \! 0 \ , \ v = \! 3120 \\ w = \! 9 \ , \ h = \! 78 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 702 \\ w = \! 91 \ , \ h = \! 55 \ , \ x = \! 9 \ , \ y = \! 45 \ , \ v = \! 5005 \end{array}$



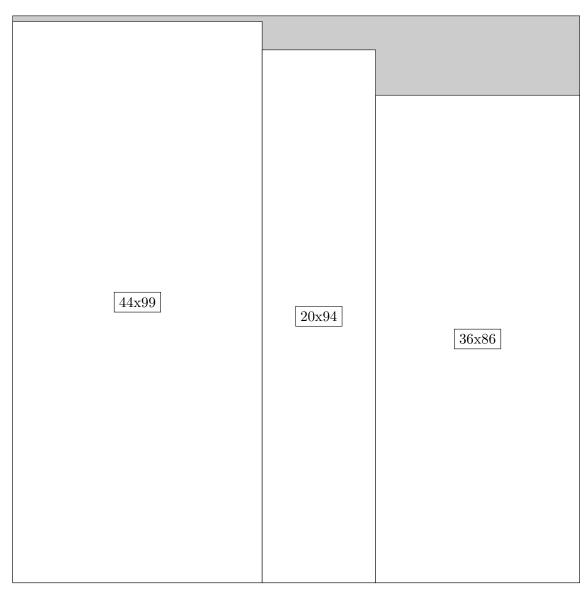
 $\begin{array}{l} w = \! 50 \ , \ h = \! 99 \ , \ x = \! 50 \ , \ y = \! 0 \ , \ v = \! 4950 \\ w = \! 27 \ , \ h = \! 83 \ , \ x = \! 23 \ , \ y = \! 0 \ , \ v = \! 2241 \\ w = \! 23 \ , \ h = \! 95 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2185 \end{array}$



$$w = 99$$
, $h = 48$, $x = 0$, $y = 51$, $v = 4752$

$$\mathbf{w}$$
 =73 , h =51 , x =0 , y =0 , v =3723

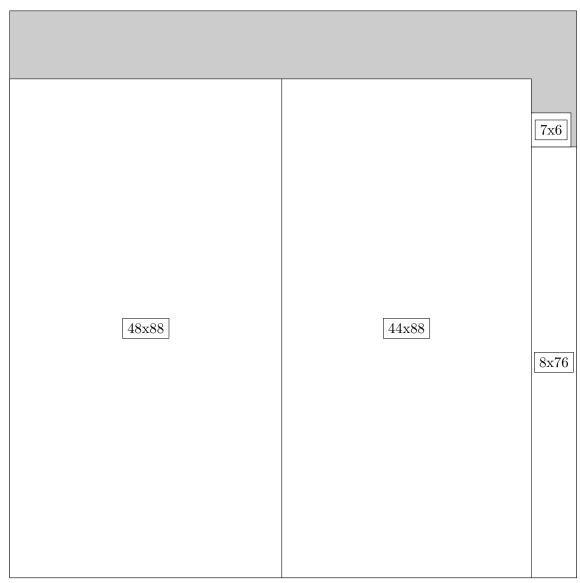
$$\le =27$$
 , h =46 , x =73 , y =0 , v =1242



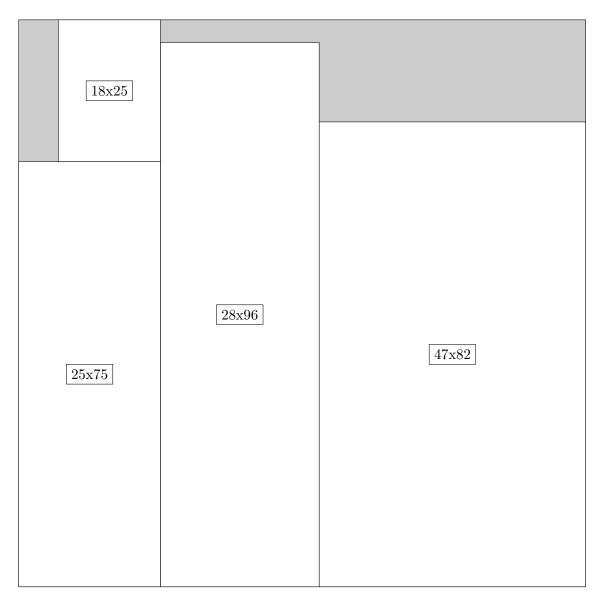
w = 44, h = 99, x = 0, y = 0, v = 4356

 $\le =36$, h = 86 , x = 64 , y = 0 , v = 3096

 $\le =20$, h =94 , x =44 , y =0 , v =1880



 $\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 88 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4224 \\ w = \!\! 44 \ , \ h = \!\! 88 \ , \ x = \!\! 48 \ , \ y = \!\! 0 \ , \ v = \!\! 3872 \\ w = \!\! 8 \ , \ h = \!\! 76 \ , \ x = \!\! 92 \ , \ y = \!\! 0 \ , \ v = \!\! 608 \\ w = \!\! 7 \ , \ h = \!\! 6 \ , \ x = \!\! 92 \ , \ y = \!\! 76 \ , \ v = \!\! 42 \end{array}$

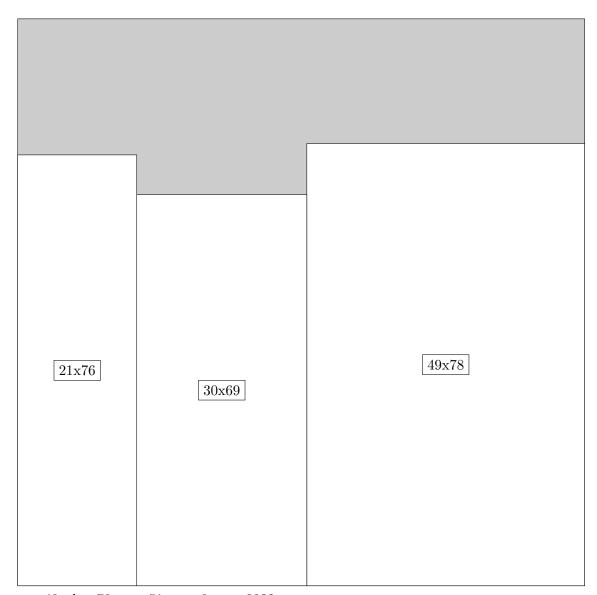


$$\begin{array}{l} w = \!\! 47 \ , \ h = \!\! 82 \ , \ x = \!\! 53 \ , \ y = \!\! 0 \ , \ v = \!\! 3854 \\ w = \!\! 28 \ , \ h = \!\! 96 \ , \ x = \!\! 25 \ , \ y = \!\! 0 \ , \ v = \!\! 2688 \end{array}$$

$$\le =25$$
 , h =75 , x =0 , y =0 , v =1875

$$w = 25$$
, $h = 75$, $x = 0$, $y = 0$, $v = 1875$

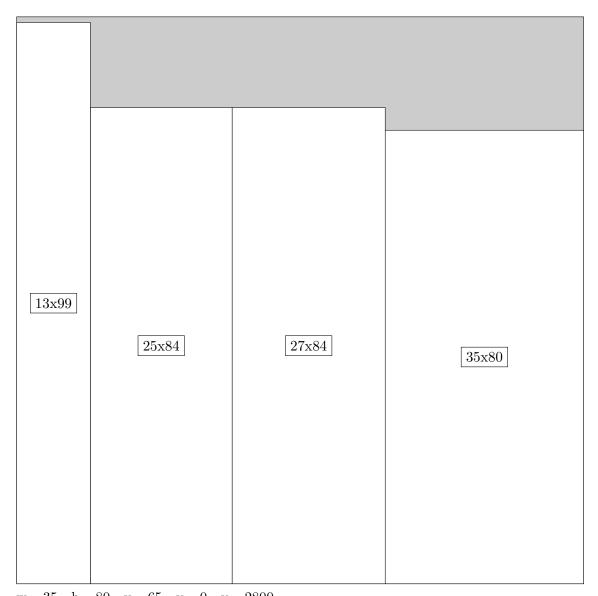
$$\mathbf{w}$$
 =18 , h =25 , x =7 , y =75 , v =450



 $\le =49$, h =78 , x =51 , y =0 , v =3822

 $\le =30$, h =69 , x =21 , y =0 , v =2070

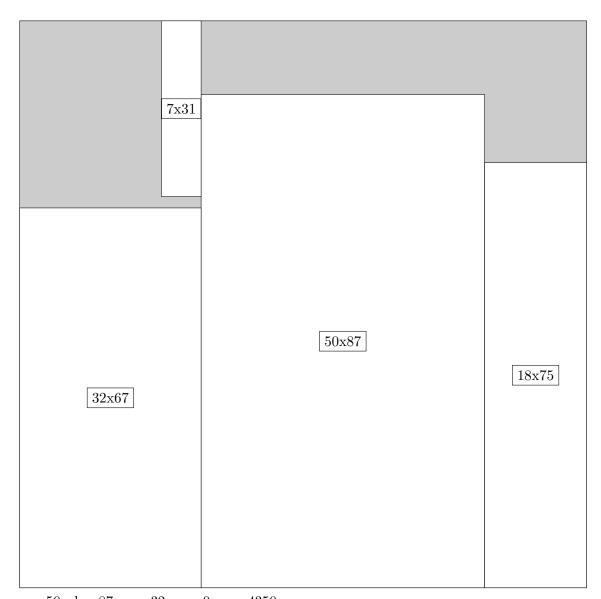
 $\le =21$, h =76 , x =0 , y =0 , v =1596



 $\begin{array}{c} w = \!\! 35 \ , \ h = \!\! 80 \ , \ x = \!\! 65 \ , \ y = \!\! 0 \ , \ v = \!\! 2800 \\ w = \!\! 27 \ , \ h = \!\! 84 \ , \ x = \!\! 38 \ , \ y = \!\! 0 \ , \ v = \!\! 2268 \\ \end{array}$

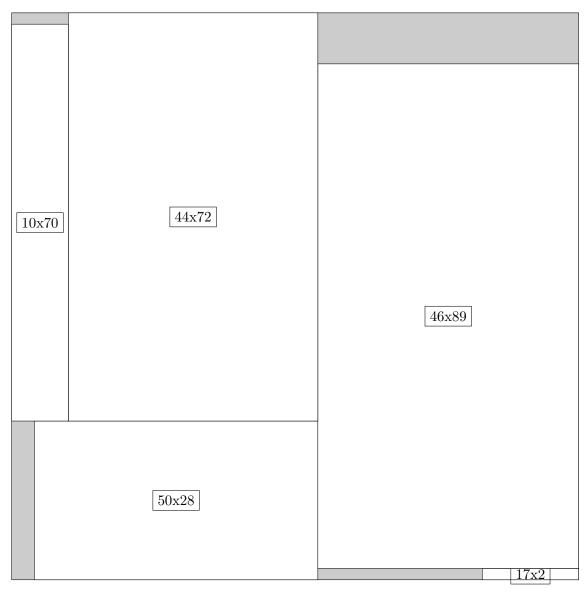
 $\le =25$, h =84 , x =13 , y =0 , v = 2100

 $\le =13$, $\le =99$, $\ge =0$, $\ge =0$, $\ge =1287$



 $\begin{array}{l} w = \! 50 \ , \ h = \! 87 \ , \ x = \! 32 \ , \ y = \! 0 \ , \ v = \! 4350 \\ w = \! 32 \ , \ h = \! 67 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2144 \\ w = \! 18 \ , \ h = \! 75 \ , \ x = \! 82 \ , \ y = \! 0 \ , \ v = \! 1350 \end{array}$

w = 7, h = 31, x = 25, y = 69, v = 217

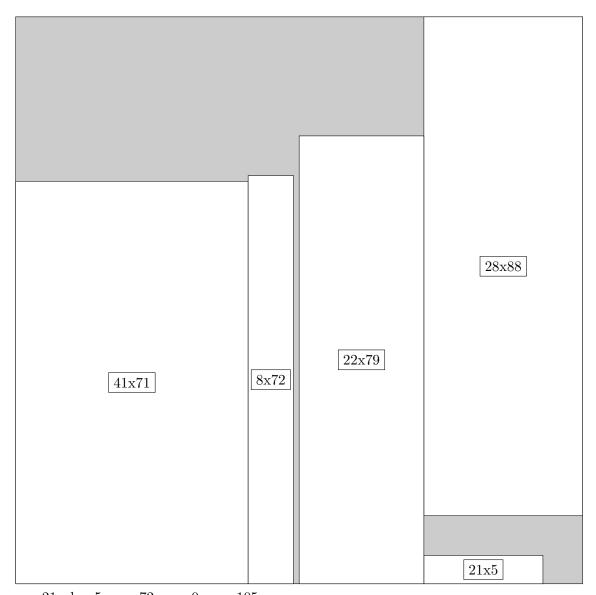


$$\begin{array}{l} w = \!\! 50 \ , \ h = \!\! 28 \ , \ x = \!\! 4 \ , \ y = \!\! 0 \ , \ v = \!\! 1400 \\ w = \!\! 17 \ , \ h = \!\! 2 \ , \ x = \!\! 83 \ , \ y = \!\! 0 \ , \ v = \!\! 34 \\ \end{array}$$

$$\le =46$$
 , h =89 , x =54 , y =2 , v =4094

$$w = 44$$
, $h = 72$, $x = 10$, $y = 28$, $v = 3168$

$$\le =10$$
 , h =70 , x =0 , y =28 , v =700



 $\begin{array}{l} w=21 \ , \ h=5 \ , \ x=72 \ , \ y=0 \ , \ v=105 \\ w=41 \ , \ h=71 \ , \ x=0 \ , \ y=0 \ , \ v=2911 \\ w=28 \ , \ h=88 \ , \ x=72 \ , \ y=12 \ , \ v=2464 \\ w=22 \ , \ h=79 \ , \ x=50 \ , \ y=0 \ , \ v=1738 \\ w=8 \ , \ h=72 \ , \ x=41 \ , \ y=0 \ , \ v=576 \end{array}$

