$ClassName: \ Class_05.2bp-12$

BinSize: 100×100 ReduceSize: 100×100

TypeNum: 40 Num: **40** OutS: 150000InS: 115372Rate: 0.769UB: <u>15</u>

LB0: **15** LB: **15**

LBWithCut: **15** NodeCut: **0**

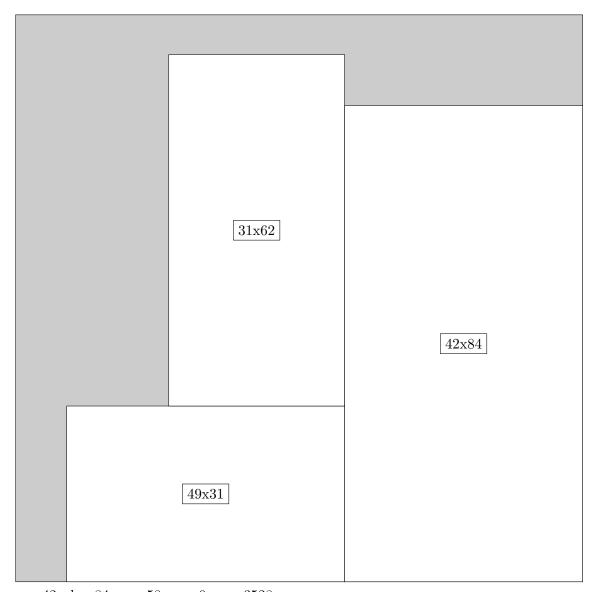
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\mathbf{1}$ PrimalNode: $\mathbf{0}$ ColumnCount: 15 $TotalCutCount: \ \mathbf{0}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

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

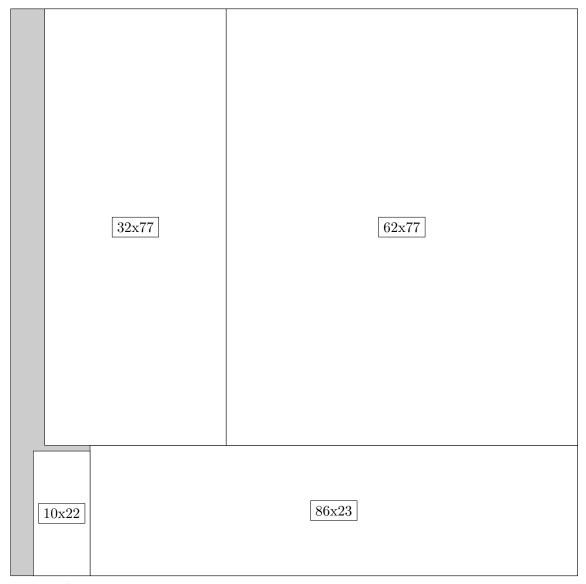
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 s TimeOnRmp: 0.078 sTotal Time: 600.328 s



$$\le =42$$
 , $h=84$, $x=58$, $y=0$, $v=3528$

$$\mathbf{w}$$
 =49 , h =31 , x =9 , y =0 , v =1519

$$\le =31$$
 , h =62 , x =27 , y =31 , v =1922



$$\le =86$$
 , h =23 , x =14 , y =0 , v =1978

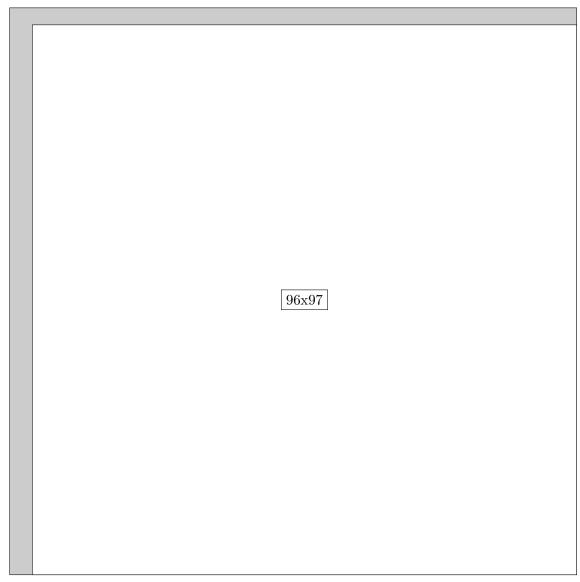
$$\le =10$$
 , $h=22$, $x=4$, $y=0$, $v=220$

$$\le =62$$
 , $h=77$, $x=38$, $y=23$, $v=4774$

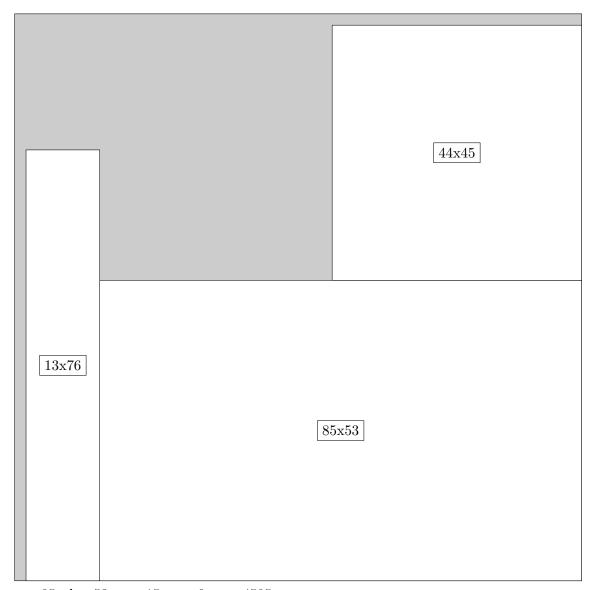
$$\le =32$$
 , h =77 , x =6 , y =23 , v =2464



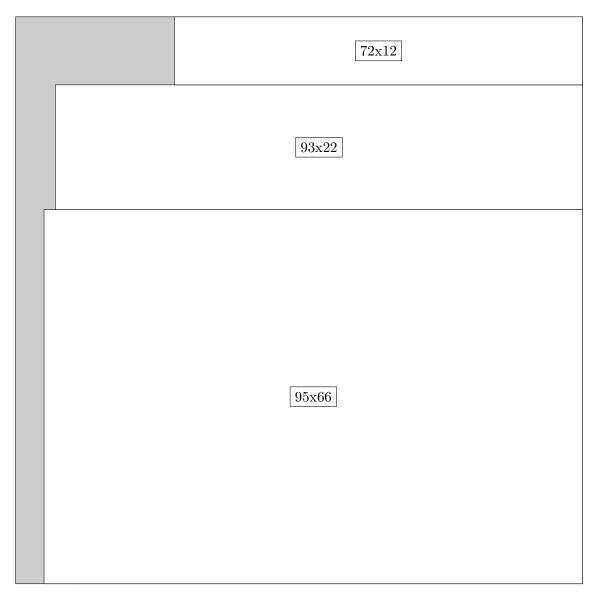
$$\begin{array}{l} w = \! 70 \ , \, h = \! 56 \ , \, x = \! 30 \ , \, y = \! 0 \ , \, v = \! 3920 \\ w = \! 54 \ , \, h = \! 26 \ , \, x = \! 46 \ , \, y = \! 56 \ , \, v = \! 1404 \end{array}$$



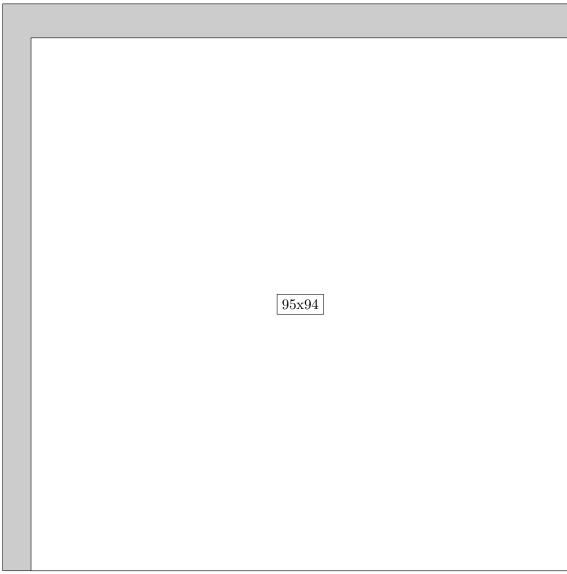
 $\le =96$, h =97 , x =4 , y =0 , v =9312



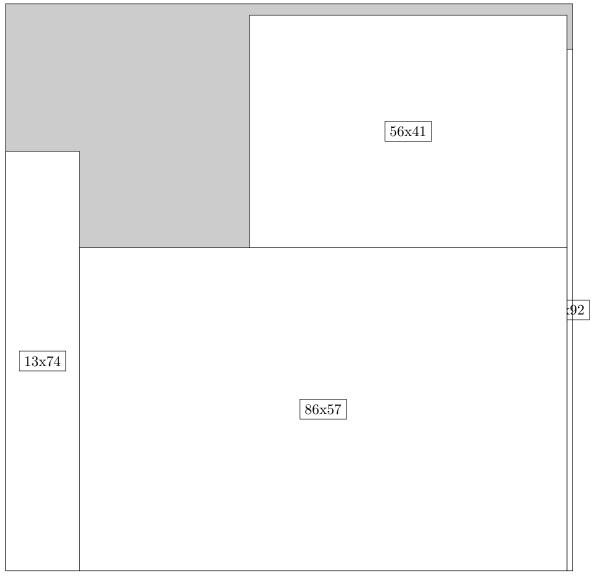
$$\begin{array}{l} w = \! 85 \ , \ h = \! 53 \ , \ x = \! 15 \ , \ y = \! 0 \ , \ v = \! 4505 \\ w = \! 44 \ , \ h = \! 45 \ , \ x = \! 56 \ , \ y = \! 53 \ , \ v = \! 1980 \\ w = \! 13 \ , \ h = \! 76 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 988 \end{array}$$



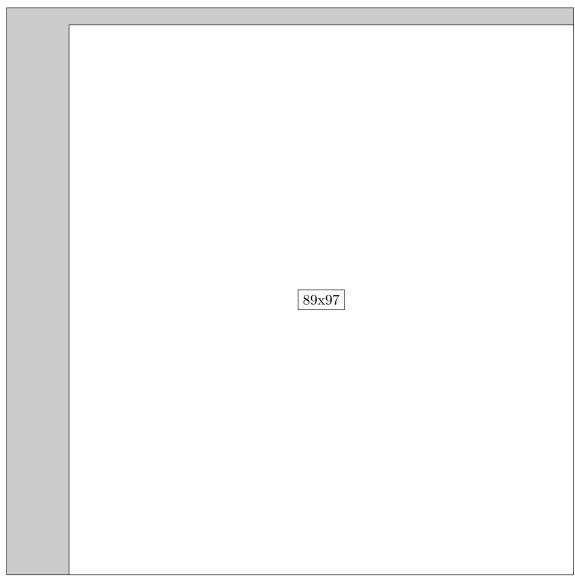
$$\begin{array}{l} w = \! 95 \ , \ h = \! 66 \ , \ x = \! 5 \ , \ y = \! 0 \ , \ v = \! 6270 \\ w = \! 93 \ , \ h = \! 22 \ , \ x = \! 7 \ , \ y = \! 66 \ , \ v = \! 2046 \\ w = \! 72 \ , \ h = \! 12 \ , \ x = \! 28 \ , \ y = \! 88 \ , \ v = \! 864 \end{array}$$



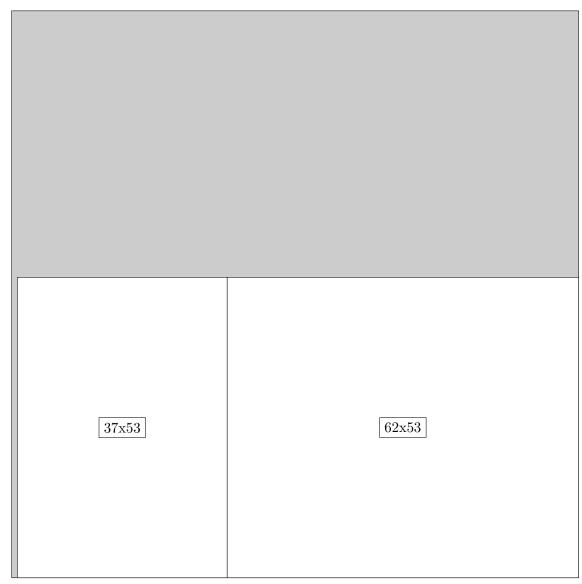
w =95 , h =94 , x =5 , y =0 , v =8930



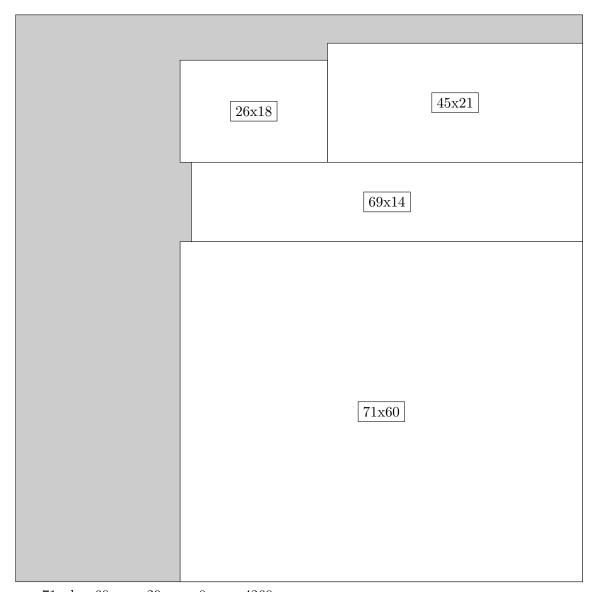
$$\begin{array}{l} w=1\ ,\ h=92\ ,\ x=99\ ,\ y=0\ ,\ v=92\\ w=86\ ,\ h=57\ ,\ x=13\ ,\ y=0\ ,\ v=4902\\ w=56\ ,\ h=41\ ,\ x=43\ ,\ y=57\ ,\ v=2296\\ w=13\ ,\ h=74\ ,\ x=0\ ,\ y=0\ ,\ v=962 \end{array}$$



 $\le =89$, h =97 , x =11 , y =0 , v =8633



$$\begin{array}{l} w = \!\!62 \ , \ h = \!\!53 \ , \ x = \!\!38 \ , \ y = \!\!0 \ , \ v = \!\!3286 \\ w = \!\!37 \ , \ h = \!\!53 \ , \ x = \!\!1 \ , \ y = \!\!0 \ , \ v = \!\!1961 \end{array}$$

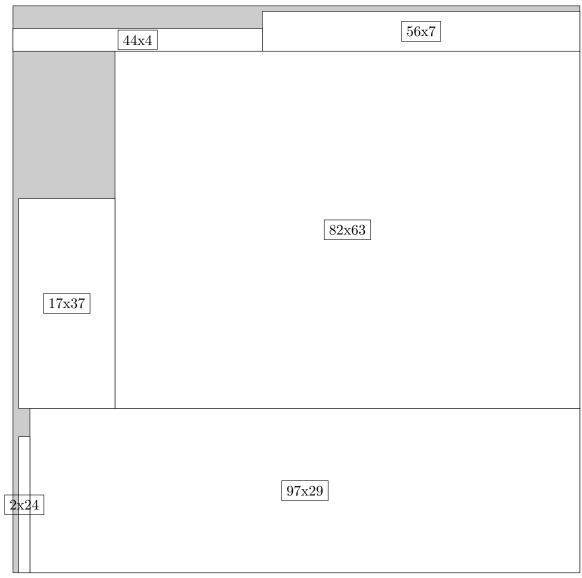


$$\le =71$$
 , h =60 , x =29 , y =0 , v =4260

$$\le =69$$
 , $h=14$, $x=31$, $y=60$, $v=966$

$$\le =45$$
 , h =21 , x =55 , y =74 , v =945

$$\le =26$$
 , h =18 , x =29 , y =74 , v =468



$$w = 97$$
, $h = 29$, $x = 3$, $y = 0$, $v = 2813$

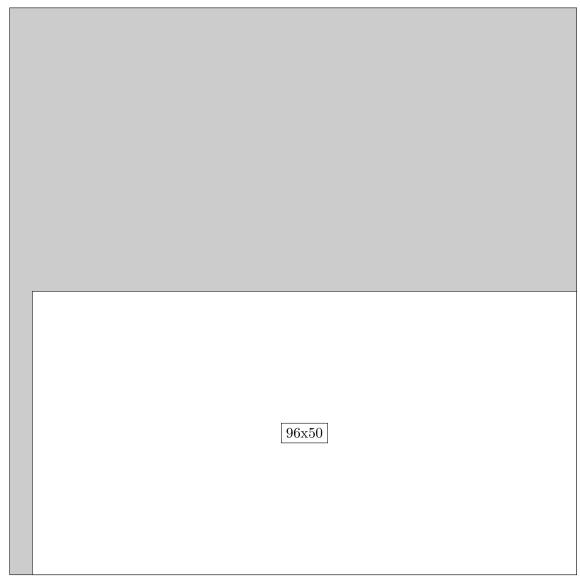
$$\mathbf{w}$$
 =2 , h =24 , x =1 , y =0 , v =48

$$\le =82$$
 , h =63 , x =18 , y =29 , v =5166

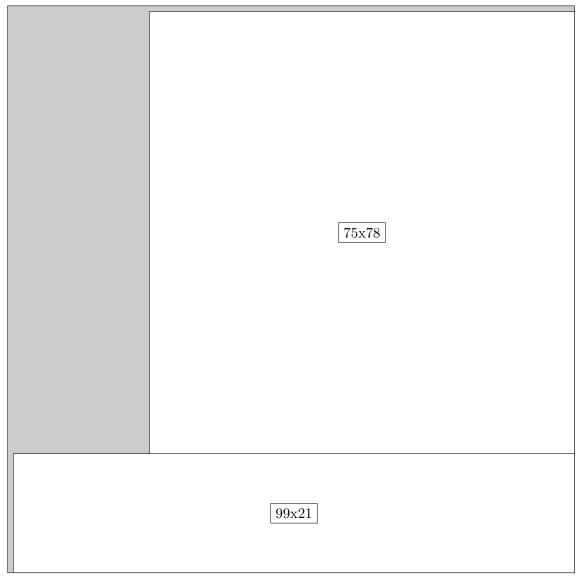
$$\le =17$$
 , h =37 , x =1 , y =29 , v =629

$$w=\!56$$
 , $h=\!7$, $x=\!44$, $y=\!92$, $v=\!392$

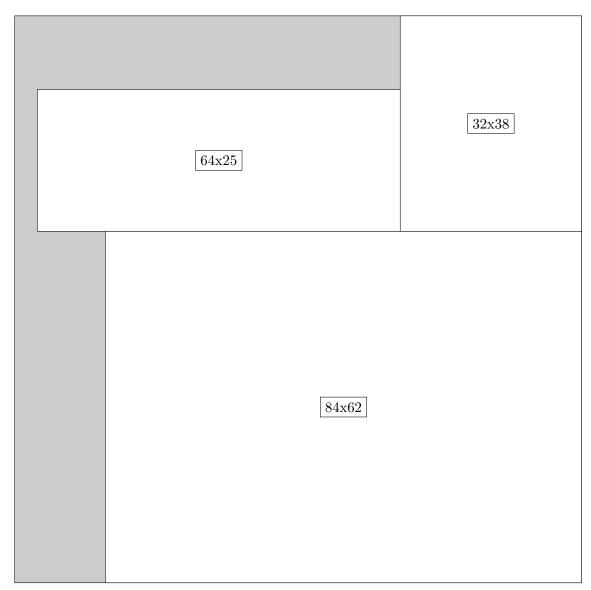
$$\mathbf{w}=\!\!44$$
 , $\mathbf{h}=\!\!4$, $\mathbf{x}=\!\!0$, $\mathbf{y}=\!\!92$, $\mathbf{v}=\!\!176$



 ≤ -96 , h = 50 , x = 4 , y = 0 , v = 4800



$$\begin{array}{l} w = \! 99 \ , \ h = \! 21 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 2079 \\ w = \! 75 \ , \ h = \! 78 \ , \ x = \! 25 \ , \ y = \! 21 \ , \ v = \! 5850 \end{array}$$



$$w = 84$$
, $h = 62$, $x = 16$, $y = 0$, $v = 5208$

$$\le =32$$
 , h =38 , x =68 , y =62 , v =1216

$$\le =64$$
 , h =25 , x =4 , y =62 , v =1600