$ClassName: \ Class_07.2bp-20$

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

TypeNum: <u>59</u> Num: <u>60</u> OutS: <u>170000</u> InS: <u>146727</u> Rate: <u>0.863</u> UB: <u>17</u> LB0: <u>17</u>

LB: $\underline{17}$ LBWithCut: $\underline{17}$ NodeCut: $\underline{0}$

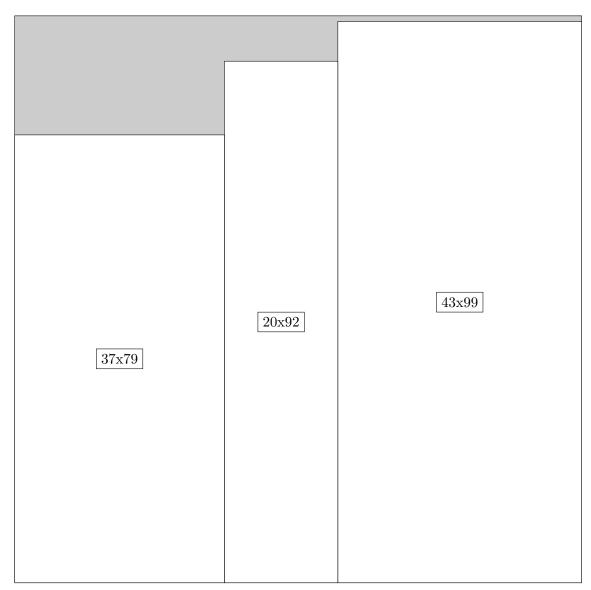
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{17}}$ 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: $\underline{600.000 \text{ s}}$

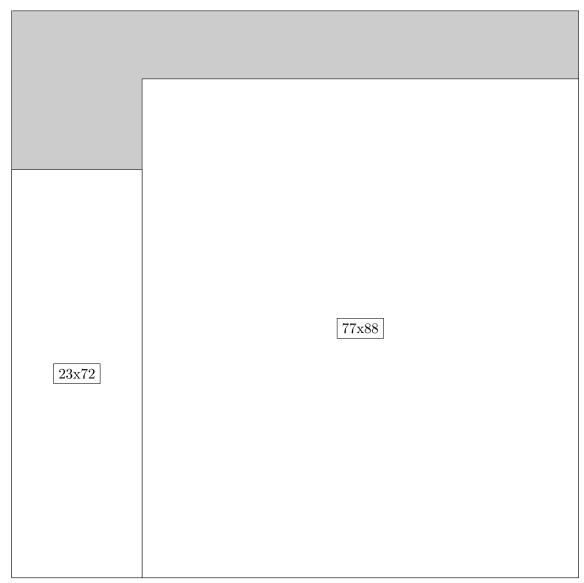
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.328 s



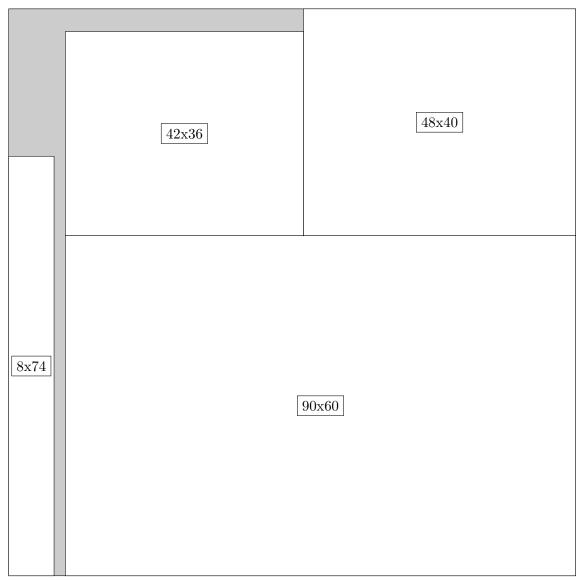
w = 43 , h = 99 , x = 57 , y = 0 , v = 4257

 $\le =20$, h =92 , x =37 , y =0 , v =1840

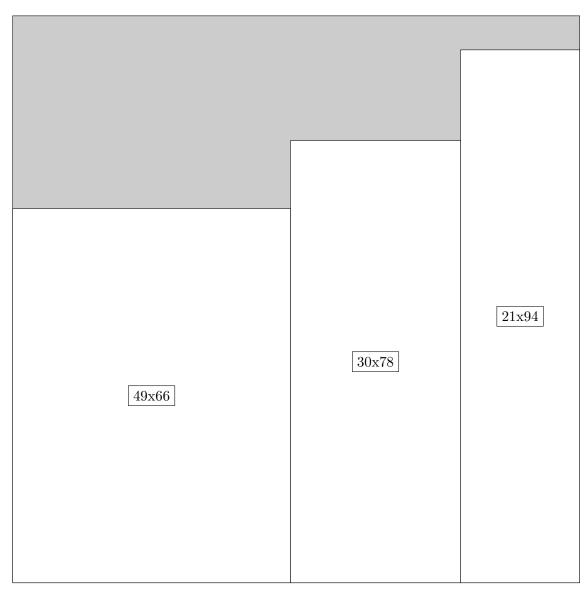
 $\le =37$, $\ge =79$, $\ge =0$, $\ge =0$, $\ge =2923$



$$\begin{array}{l} w = \!\!\! 77 \ , \ h = \!\!\! 88 \ , \ x = \!\!\! 23 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 6776 \\ w = \!\!\! 23 \ , \ h = \!\!\! 72 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 1656 \end{array}$$



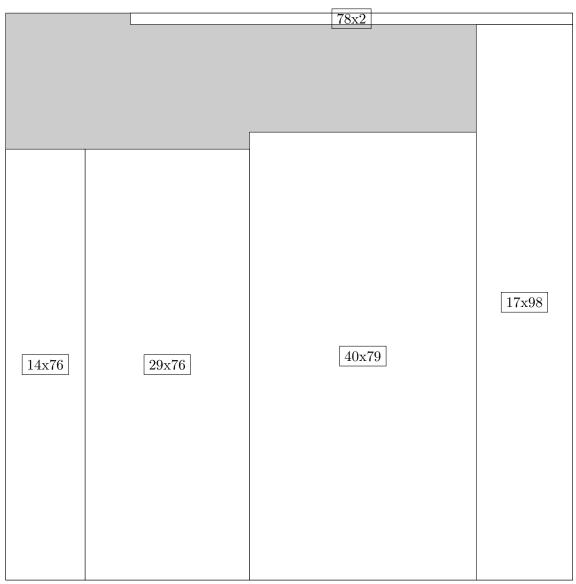
$$\begin{array}{l} w = & 90 \ , \ h = & 60 \ , \ x = & 10 \ , \ y = & 0 \ , \ v = & 5400 \\ w = & 48 \ , \ h = & 40 \ , \ x = & 52 \ , \ y = & 60 \ , \ v = & 1920 \\ w = & 42 \ , \ h = & 36 \ , \ x = & 10 \ , \ y = & 60 \ , \ v = & 1512 \\ w = & 8 \ , \ h = & 74 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 592 \end{array}$$



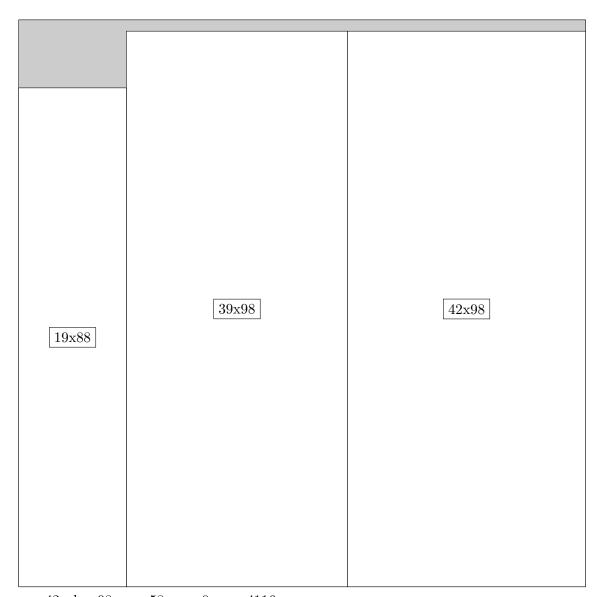
$$w = 21$$
, $h = 94$, $x = 79$, $y = 0$, $v = 1974$

$$\le =30$$
 , h =78 , x =49 , y =0 , v =2340

$$\le =49$$
 , h =66 , x =0 , y =0 , v =3234

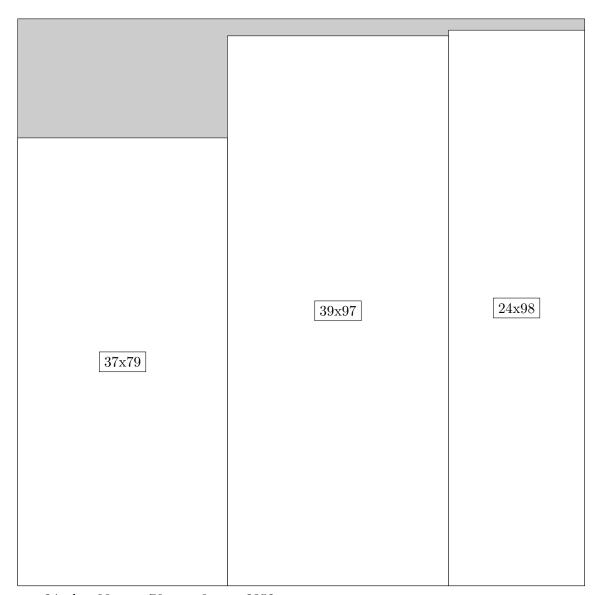


 $\begin{array}{l} w=17 \;,\; h=98 \;,\; x=83 \;,\; y=0 \;,\; v=1666 \\ w=40 \;,\; h=79 \;,\; x=43 \;,\; y=0 \;,\; v=3160 \\ w=29 \;,\; h=76 \;,\; x=14 \;,\; y=0 \;,\; v=2204 \\ w=14 \;,\; h=76 \;,\; x=0 \;,\; y=0 \;,\; v=1064 \\ w=78 \;,\; h=2 \;,\; x=22 \;,\; y=98 \;,\; v=156 \end{array}$



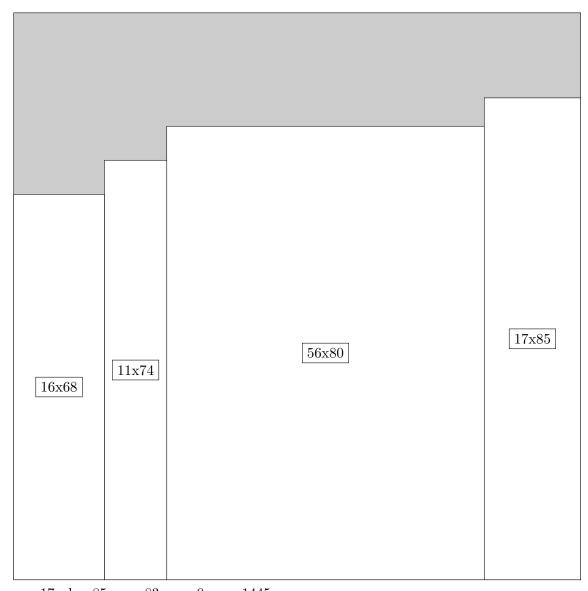
w =42, h =98, x =58, y =0, v =4116

w = 39, h = 98, x = 19, y = 0, v = 3822



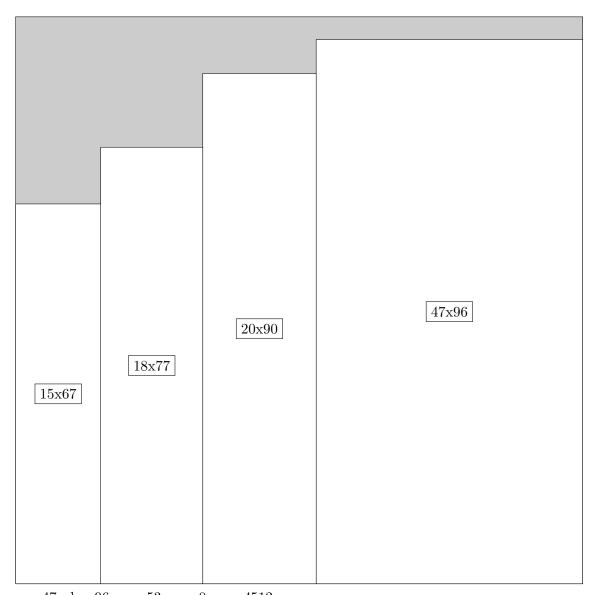
 $\begin{array}{l} w = \! 24 \ , \ h = \! 98 \ , \ x = \! 76 \ , \ y = \! 0 \ , \ v = \! 2352 \\ w = \! 39 \ , \ h = \! 97 \ , \ x = \! 37 \ , \ y = \! 0 \ , \ v = \! 3783 \end{array}$

w =37, h =79, x =0, y =0, v =2923



 $\le =17$, h =85 , x =83 , y =0 , v =1445 $\le =56$, h =80 , x =27 , y =0 , v =4480 \mathbf{w} =11 , h =74 , x =16 , y =0 , v =814

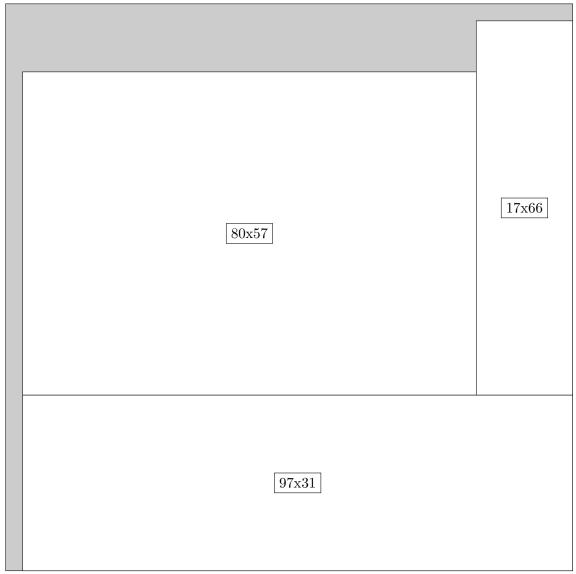
 \mathbf{w} =16 , h =68 , x =0 , y =0 , v =1088



$$\begin{array}{l} w = \!\! 47 \ , \ h = \!\! 96 \ , \ x = \!\! 53 \ , \ y = \!\! 0 \ , \ v = \!\! 4512 \\ w = \!\! 20 \ , \ h = \!\! 90 \ , \ x = \!\! 33 \ , \ y = \!\! 0 \ , \ v = \!\! 1800 \end{array}$$

$$\le =18$$
 , h =77 , x =15 , y =0 , v =1386

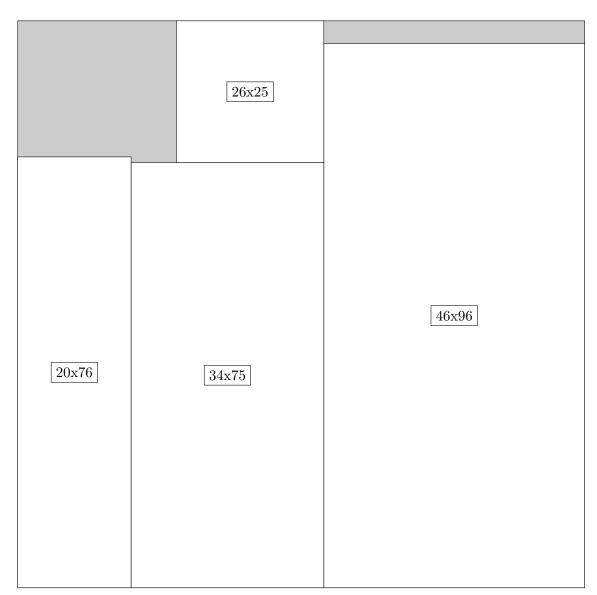
$$\le =15$$
 , h =67 , x =0 , y =0 , v =1005



$$\le =97$$
 , h =31 , x =3 , y =0 , v =3007

$$w$$
 =17 , h =66 , x =83 , y =31 , v =1122

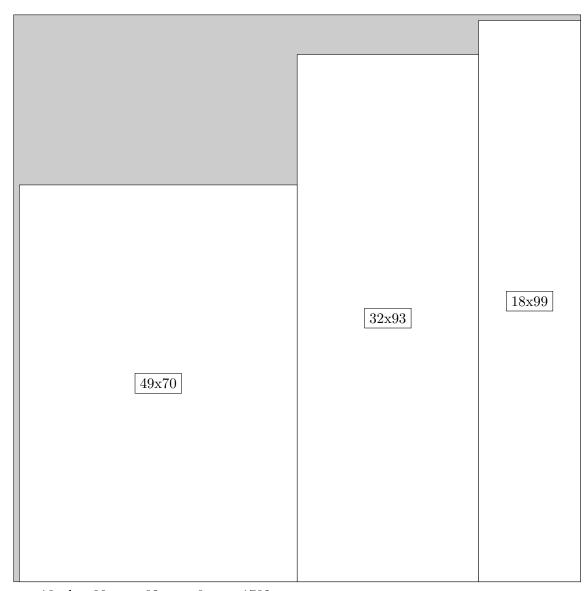
$$\le =80$$
 , h =57 , x =3 , y =31 , v =4560



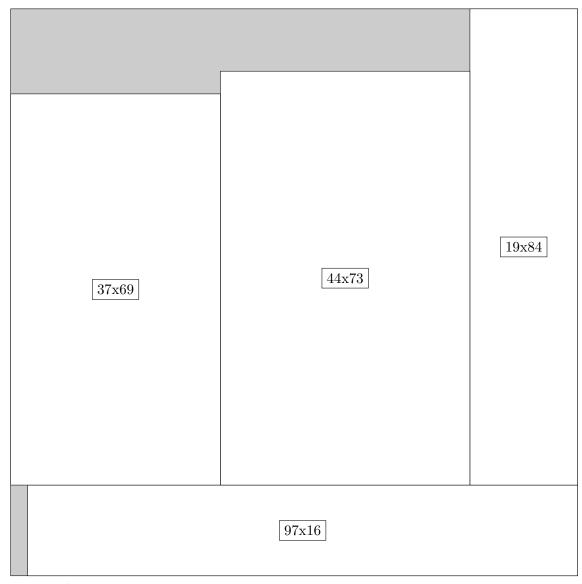
$$w = 46$$
, $h = 96$, $x = 54$, $y = 0$, $v = 4416$

$$\le =26$$
 , h =25 , x =28 , y =75 , v =650

$$\mathbf{w}$$
 =20 , h =76 , x =0 , y =0 , v =1520



$$\begin{array}{l} w = \! 18 \ , \ h = \! 99 \ , \ x = \! 82 \ , \ y = \! 0 \ , \ v = \! 1782 \\ w = \! 32 \ , \ h = \! 93 \ , \ x = \! 50 \ , \ y = \! 0 \ , \ v = \! 2976 \\ w = \! 49 \ , \ h = \! 70 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 3430 \end{array}$$

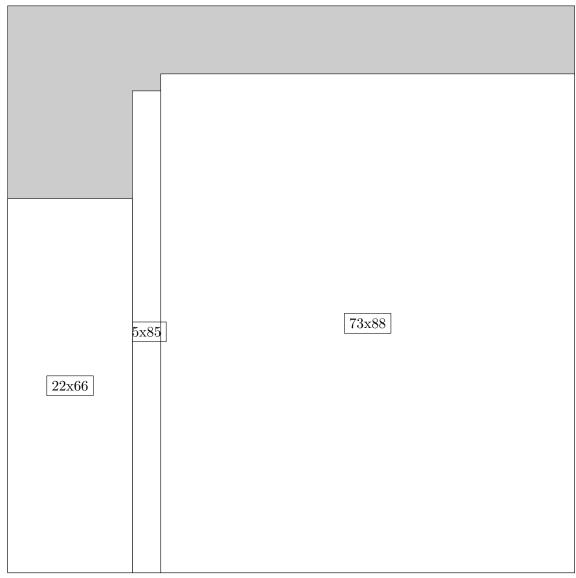


$$\le =97$$
 , h =16 , x =3 , y =0 , v =1552

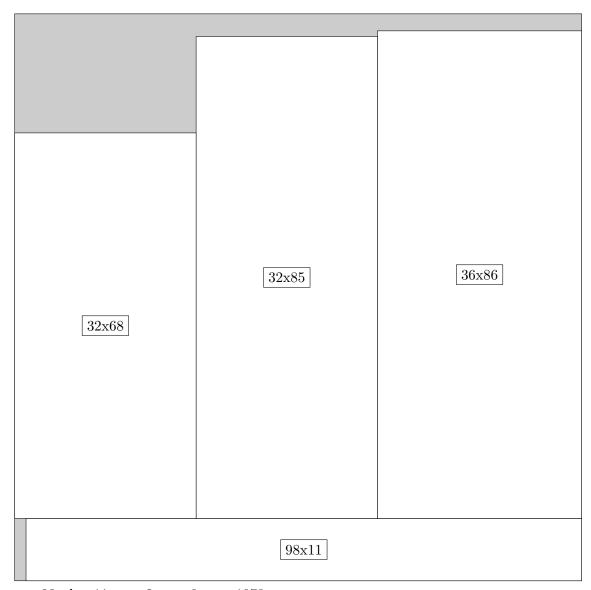
$$\le =19$$
 , h =84 , x =81 , y =16 , v =1596

$$\le =44$$
 , h =73 , x =37 , y =16 , v =3212

$$\le =37$$
 , h =69 , x =0 , y =16 , v =2553



 $\begin{array}{l} w = \!\!\! 73 \ , \ h = \!\!\! 88 \ , \ x = \!\!\! 27 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 6424 \\ w = \!\!\! 5 \ , \ h = \!\!\! 85 \ , \ x = \!\!\! 22 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 425 \\ w = \!\!\! 22 \ , \ h = \!\!\! 66 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 1452 \end{array}$

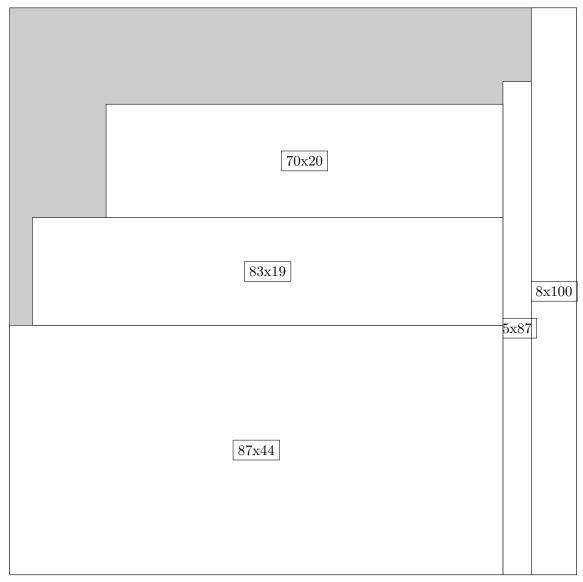


$$\le =98$$
 , h =11 , x =2 , y =0 , v =1078

$$\le =36$$
 , h =86 , x =64 , y =11 , v =3096

$$\le =32$$
 , h =85 , x =32 , y =11 , v =2720

$$\le =32$$
 , h =68 , x =0 , y =11 , v =2176

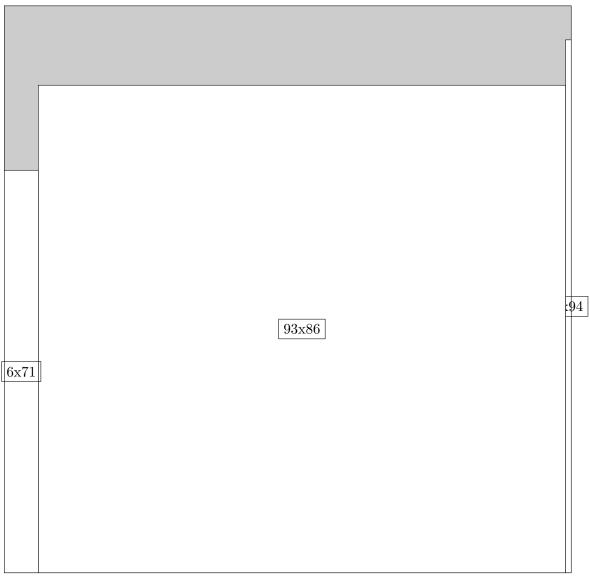


$$w = 8$$
, $h = 100$, $x = 92$, $y = 0$, $v = 800$

$$\le =87$$
 , h =44 , x =0 , y =0 , v =3828

$$\le =83$$
 , h =19 , x =4 , y =44 , v =1577

$$\le =70$$
 , h =20 , x =17 , y =63 , v =1400



 $\begin{array}{l} w=1\ ,\ h=94\ ,\ x=99\ ,\ y=0\ ,\ v=94\\ w=93\ ,\ h=86\ ,\ x=6\ ,\ y=0\ ,\ v=7998\\ w=6\ ,\ h=71\ ,\ x=0\ ,\ y=0\ ,\ v=426 \end{array}$