$ClassName: {\bf Class_05.2bp-21}$

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>170000</u> InS: <u>144220</u> Rate: <u>0.848</u> UB: <u>17</u> LB0: <u>17</u>

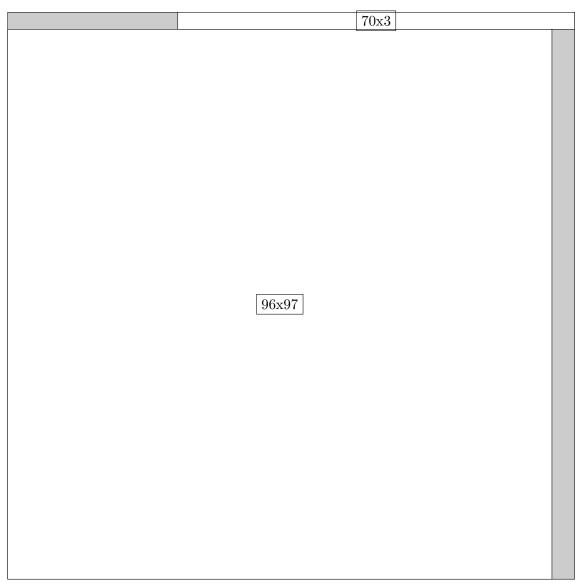
LB: $\underline{17}$ LBWithCut: $\underline{17}$ NodeCut: $\underline{0}$

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

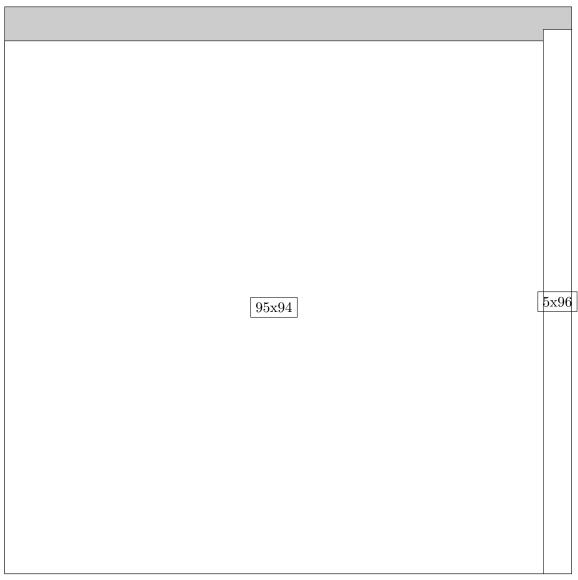
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{17}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

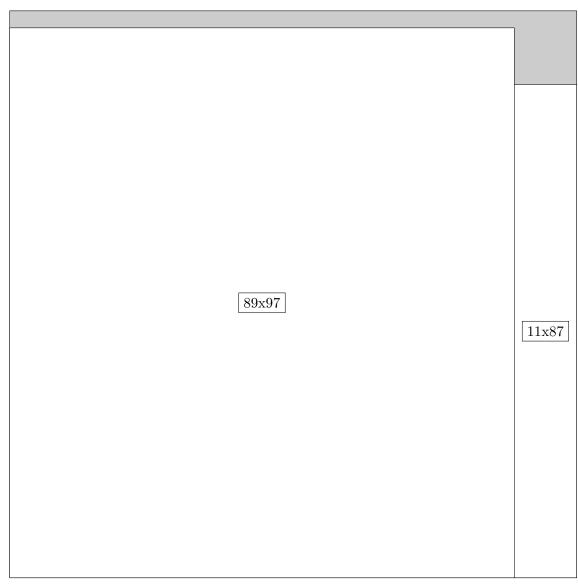
TimeOnInitSolution: $\underline{0.070 \text{ s}}$ TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{0.000 \text{ s}}$ TimeOnRmp: $\underline{0.078 \text{ s}}$ TotalTime: $\underline{0.226 \text{ s}}$



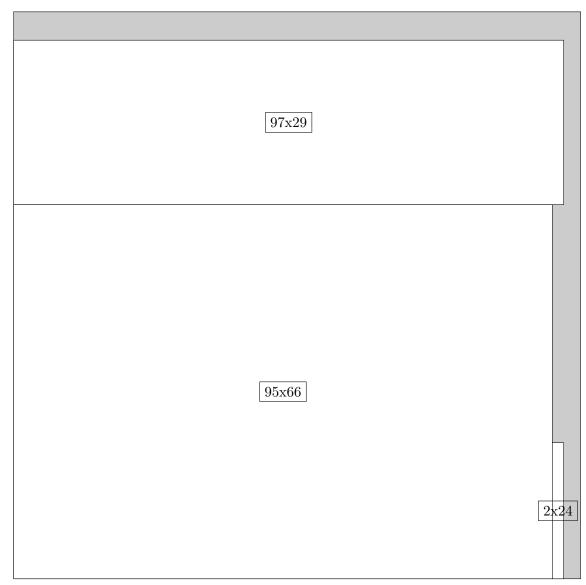
 $\begin{array}{l} w = \! 96 \ , \, h = \! 97 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 9312 \\ w = \! 70 \ , \, h = \! 3 \ , \, x = \! 30 \ , \, y = \! 97 \ , \, v = \! 210 \end{array}$



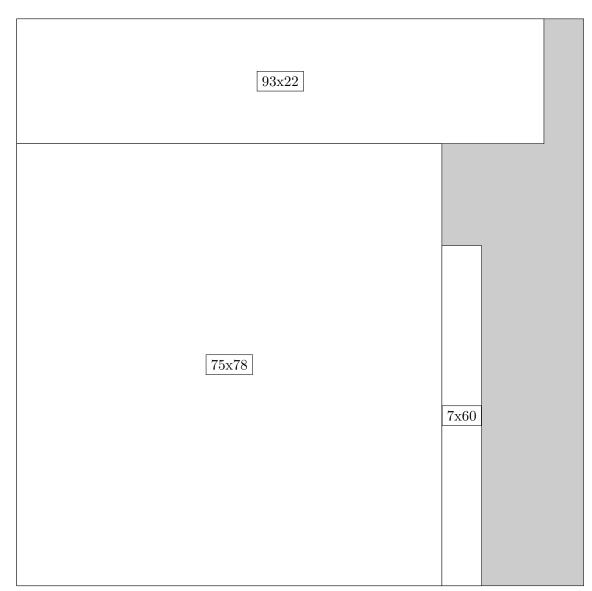
$$\begin{array}{l} w = \! 95 \ , \, h = \! 94 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 8930 \\ w = \! 5 \ , \, h = \! 96 \ , \, x = \! 95 \ , \, y = \! 0 \ , \, v = \! 480 \end{array}$$



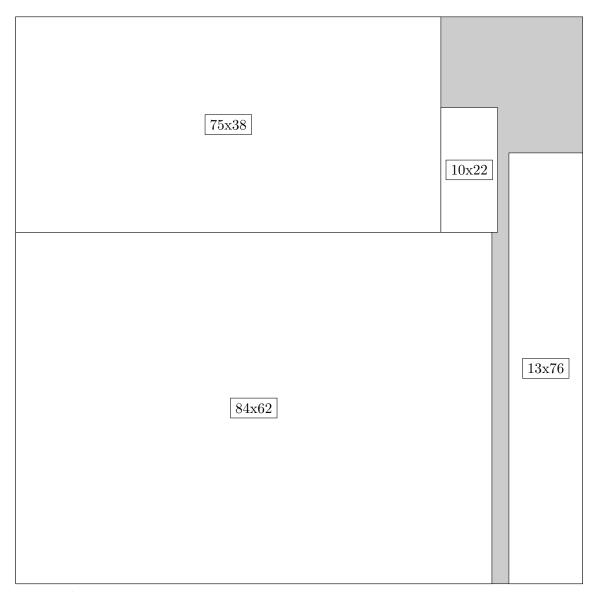
$$\begin{array}{c} w = 89 \; , \; h = 97 \; , \; x = 0 \; , \; y = 0 \; , \; v = 8633 \\ w = 11 \; , \; h = 87 \; , \; x = 89 \; , \; y = 0 \; , \; v = 957 \\ \end{array}$$



$$\begin{array}{l} w = \! 95 \ , \ h = \! 66 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6270 \\ w = \! 97 \ , \ h = \! 29 \ , \ x = \! 0 \ , \ y = \! 66 \ , \ v = \! 2813 \\ w = \! 2 \ , \ h = \! 24 \ , \ x = \! 95 \ , \ y = \! 0 \ , \ v = \! 48 \end{array}$$



$$\begin{array}{l} w = \! 75 \ , \ h = \! 78 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5850 \\ w = \! 93 \ , \ h = \! 22 \ , \ x = \! 0 \ , \ y = \! 78 \ , \ v = \! 2046 \\ w = \! 7 \ , \ h = \! 60 \ , \ x = \! 75 \ , \ y = \! 0 \ , \ v = \! 420 \end{array}$$

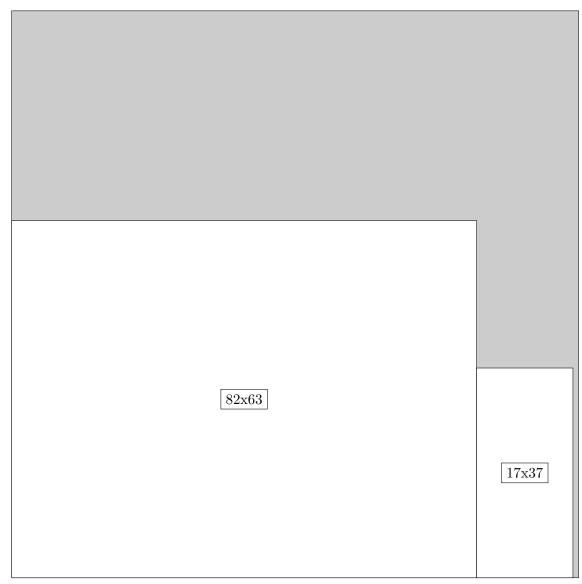


$$\le =84$$
 , h =62 , x =0 , y =0 , v =5208

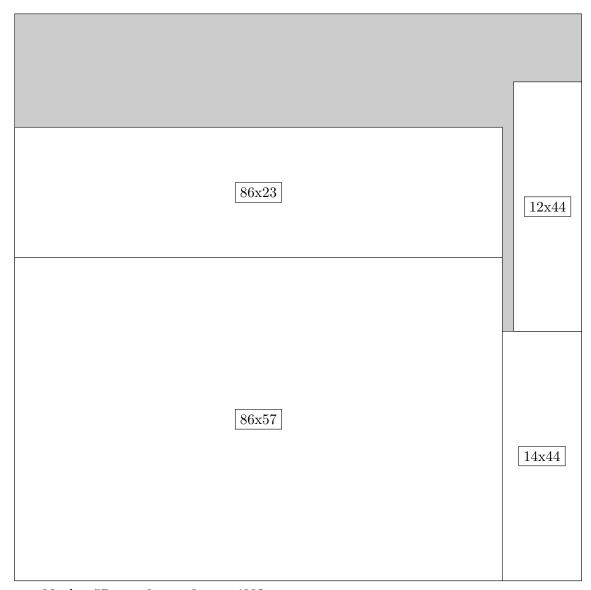
$$w = 75$$
, $h = 38$, $x = 0$, $y = 62$, $v = 2850$

$$\le =13$$
 , h =76 , x =87 , y =0 , v =988

$$\mathbf{w}$$
 =10 , h =22 , x =75 , y =62 , v =220



$$\begin{array}{c} w = 82 \; , \; h = 63 \; , \; x = 0 \; , \; y = 0 \; , \; v = \! 5166 \\ w = \! 17 \; , \; h = \! 37 \; , \; x = \! 82 \; , \; y = \! 0 \; , \; v = \! 629 \\ \end{array}$$

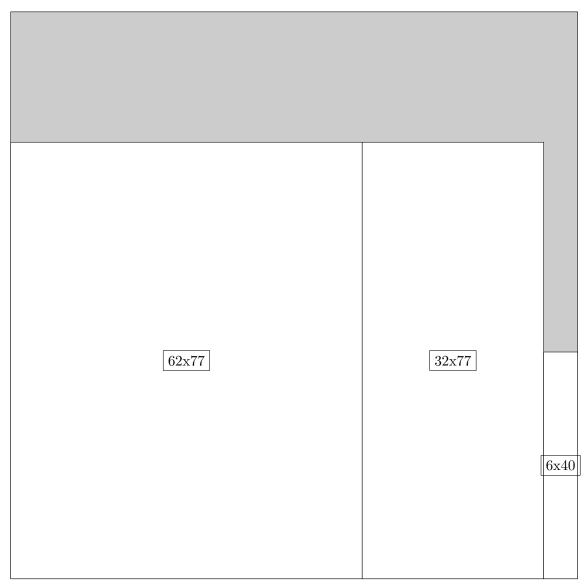


$$\le =86$$
 , h =57 , x =0 , y =0 , v =4902

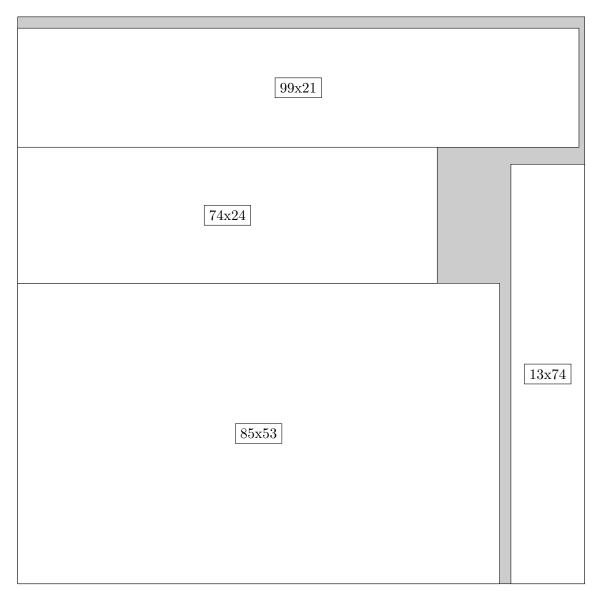
$$\le =86$$
 , h =23 , x =0 , y =57 , v =1978

$$\le =14$$
 , h =44 , x =86 , y =0 , v =616

$$w$$
 =12 , h =44 , x =88 , y =44 , v =528



 $\begin{array}{l} w = \!\!62 \ , \ h = \!\!77 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!4774 \\ w = \!\!32 \ , \ h = \!\!77 \ , \ x = \!\!62 \ , \ y = \!\!0 \ , \ v = \!\!2464 \\ w = \!\!6 \ , \ h = \!\!40 \ , \ x = \!\!94 \ , \ y = \!\!0 \ , \ v = \!\!240 \end{array}$

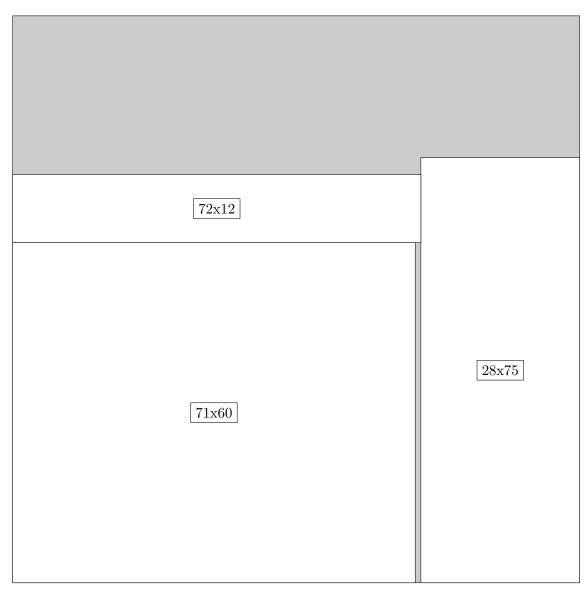


$$\le 85$$
 , $h=53$, $x=0$, $y=0$, $v=4505$

$$w = 99$$
, $h = 21$, $x = 0$, $y = 77$, $v = 2079$

$$\le =74$$
 , h =24 , x =0 , y =53 , v =1776

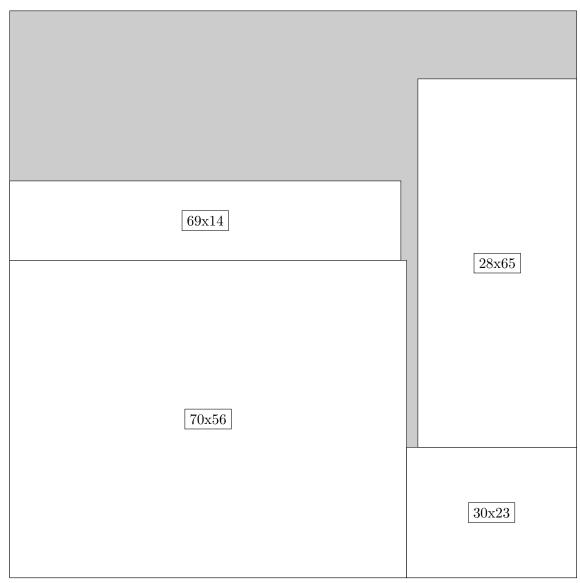
$$\le =13$$
 , h =74 , x =87 , y =0 , v =962



$$w = 71$$
, $h = 60$, $x = 0$, $y = 0$, $v = 4260$

$$\le =28$$
 , h =75 , x =72 , y =0 , v =2100

$$w$$
 =72 , h =12 , x =0 , y =60 , v =864

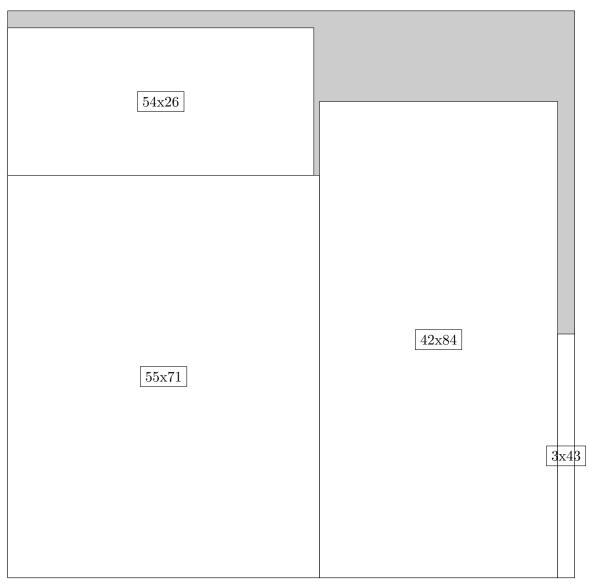


$$\le =70$$
 , h =
56 , x =
0 , y =
0 , v =
3920

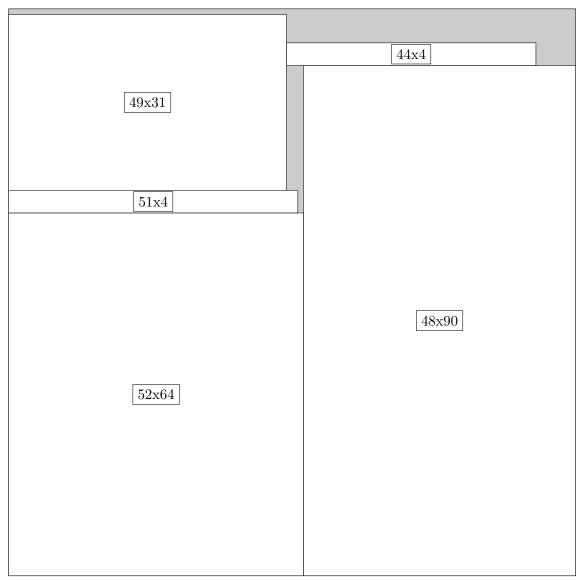
$$\le =28$$
 , h =65 , x =72 , y =23 , v =1820

$$\le =69$$
 , h =14 , x =0 , y =
56 , v =966

$$\le =30$$
 , h =23 , x =70 , y =0 , v =690



$$\begin{array}{l} w = \!\!55 \ , \ h = \!\!71 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!3905 \\ w = \!\!42 \ , \ h = \!\!84 \ , \ x = \!\!55 \ , \ y = \!\!0 \ , \ v = \!\!3528 \\ w = \!\!54 \ , \ h = \!\!26 \ , \ x = \!\!0 \ , \ y = \!\!71 \ , \ v = \!\!1404 \\ w = \!\!3 \ , \ h = \!\!43 \ , \ x = \!\!97 \ , \ y = \!\!0 \ , \ v = \!\!129 \end{array}$$



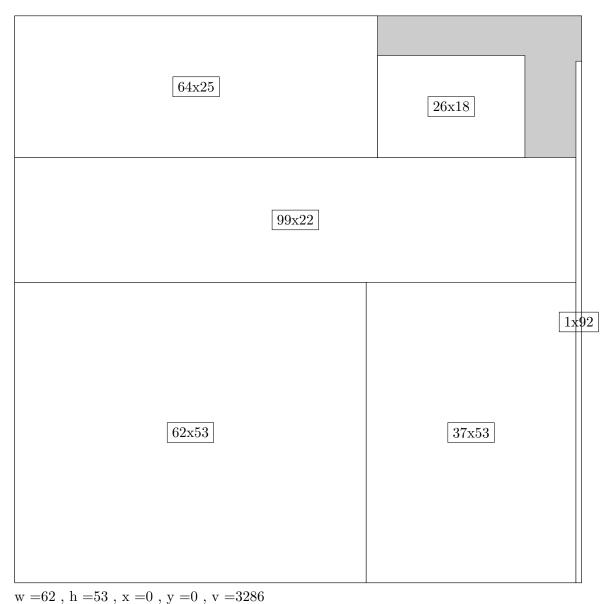
$$\mathbf{w}$$
 =48 , h =90 , x =52 , y =0 , v =4320

$$\le 52$$
 , h =64 , x =0 , y =0 , v =3328

$$\le =49$$
 , h =31 , x =0 , y =68 , v =1519

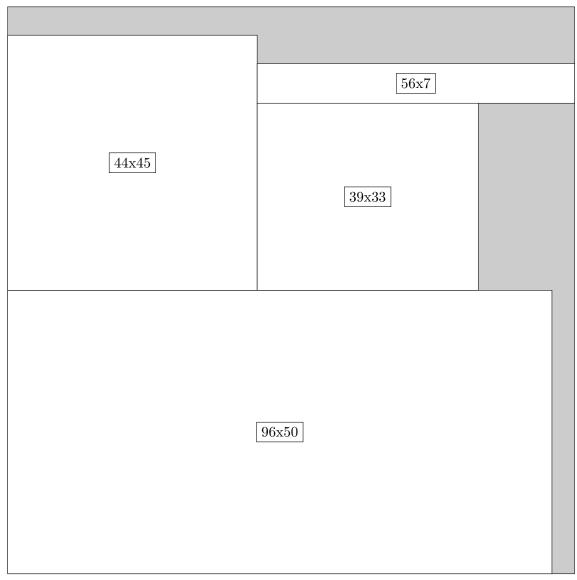
$$\mathbf{w}$$
 =51 , h =4 , x =0 , y =64 , v =204

$$\mathbf{w}$$
 =44 , h =4 , x =49 , y =90 , v =176



$$w = 64$$
, $h = 25$, $x = 0$, $y = 75$, $v = 1600$

$$w = 1$$
, $h = 92$, $x = 99$, $y = 0$, $v = 92$

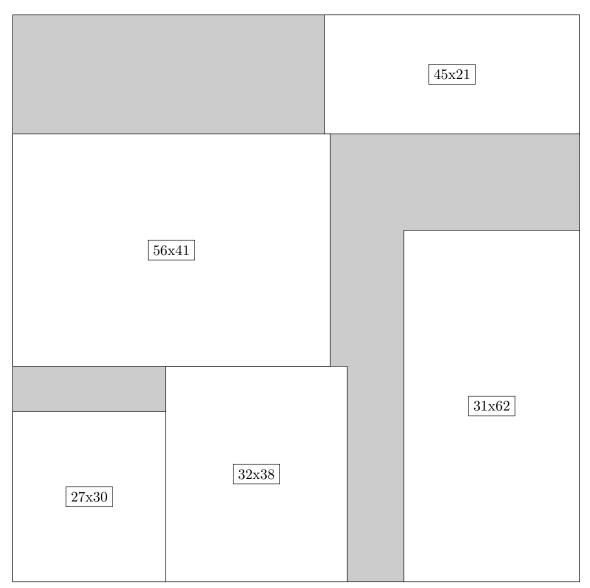


$$\le =96$$
 , $h=\!50$, $x=\!0$, $y=\!0$, $v=\!4800$

$$\le =44$$
 , h =45 , x =0 , y =50 , v =1980

$$\le =39$$
 , h =33 , x =44 , y =50 , v =1287

$$w$$
 =56 , h =7 , x =44 , y =83 , v =392



$$w = 27$$
, $h = 30$, $x = 0$, $y = 0$, $v = 810$

$$w=\!31$$
 , $h=\!62$, $x=\!69$, $y=\!0$, $v=\!1922$

$$\le =32$$
 , h =38 , x =27 , y =0 , v =1216

$$w$$
 =45 , h =21 , x =55 , y =79 , v =945

$$w = 56$$
, $h = 41$, $x = 0$, $y = 38$, $v = 2296$