${\bf ClassName:}~{\bf Class_08.2bp\text{-}29}$

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>180000</u> InS: <u>149844</u> Rate: <u>0.832</u> UB: <u>18</u> LB0: <u>18</u>

LB: <u>18</u>

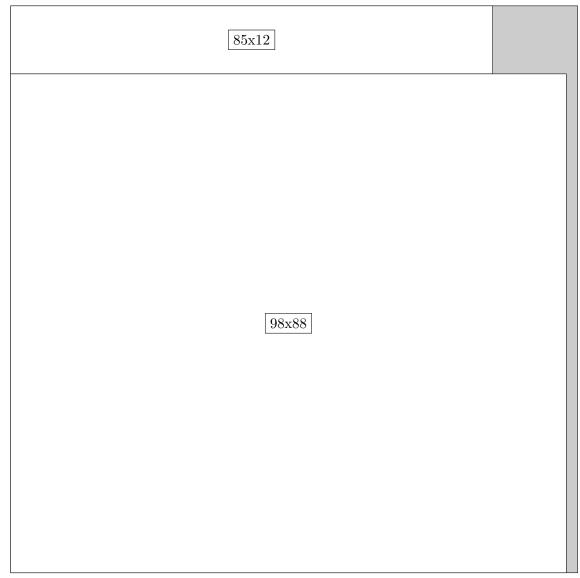
LBWithCut: $\underline{\mathbf{18}}$ NodeCut: $\underline{\mathbf{0}}$

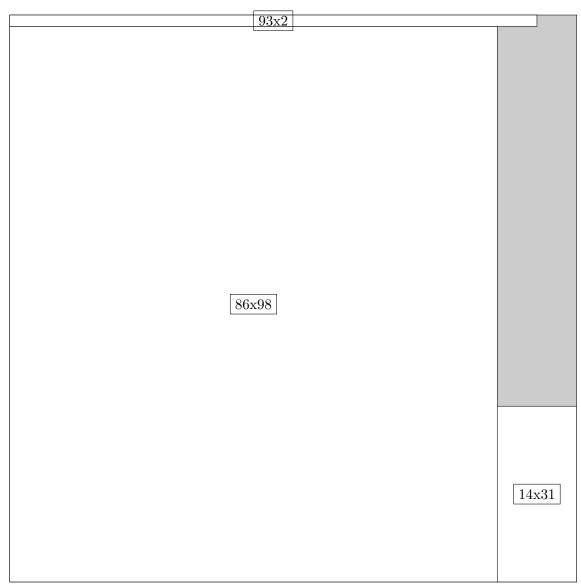
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{18}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

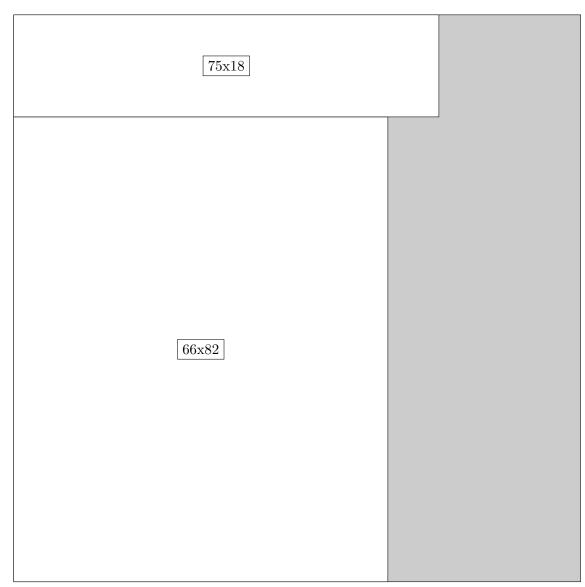
isOpt: $\underline{\mathbf{true}}$

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.250 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.094 \ s} \\ {\rm TotalTime:} \ \underline{0.422 \ s} \\ \end{array}$

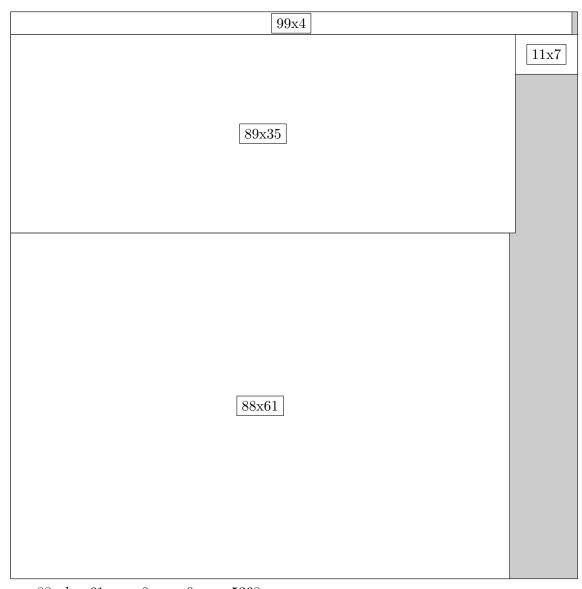




 $\begin{array}{l} w = \! 86 \ , \ h = \! 98 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 8428 \\ w = \! 14 \ , \ h = \! 31 \ , \ x = \! 86 \ , \ y = \! 0 \ , \ v = \! 434 \\ w = \! 93 \ , \ h = \! 2 \ , \ x = \! 0 \ , \ y = \! 98 \ , \ v = \! 186 \end{array}$



$$\begin{array}{c} w = \!\!\! 66 \; , \; h = \!\!\! 82 \; , \; x = \!\!\! 0 \; , \; y = \!\!\! 0 \; , \; v = \!\!\! 5412 \\ w = \!\!\! 75 \; , \; h = \!\!\! 18 \; , \; x = \!\!\! 0 \; , \; y = \!\!\! 82 \; , \; v = \!\!\! 1350 \\ \end{array}$$

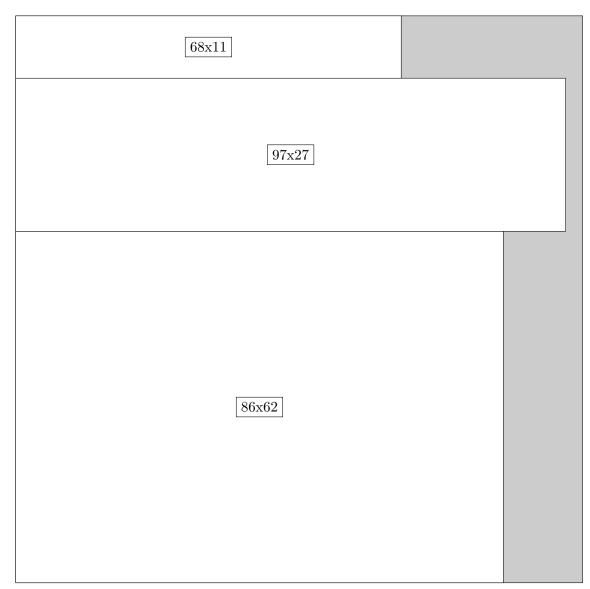


$$\begin{array}{l} w = \! 88 \ , \ h = \! 61 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5368 \\ w = \! 89 \ , \ h = \! 35 \ , \ x = \! 0 \ , \ y = \! 61 \ , \ v = \! 3115 \end{array}$$

$$\le =99$$
 , h =4 , x =0 , y =96 , v =396

$$w = 99$$
, $n = 4$, $x = 0$, $y = 90$, $v = 390$

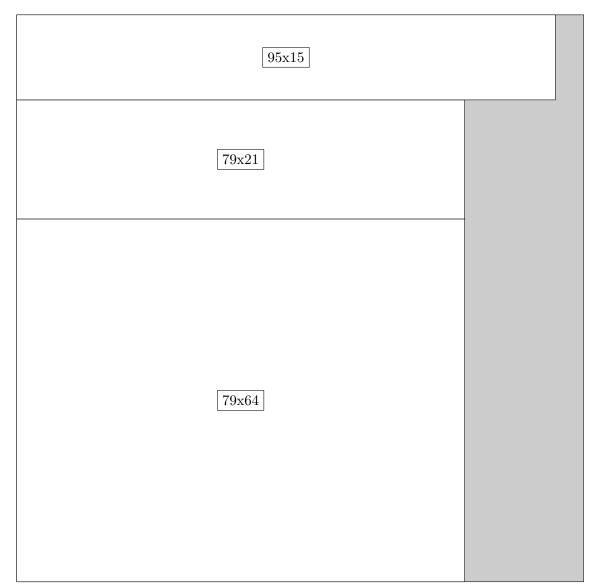
$$\le =11$$
 , h =7 , x =89 , y =89 , v =77



$$w = 86$$
, $h = 62$, $x = 0$, $y = 0$, $v = 5332$

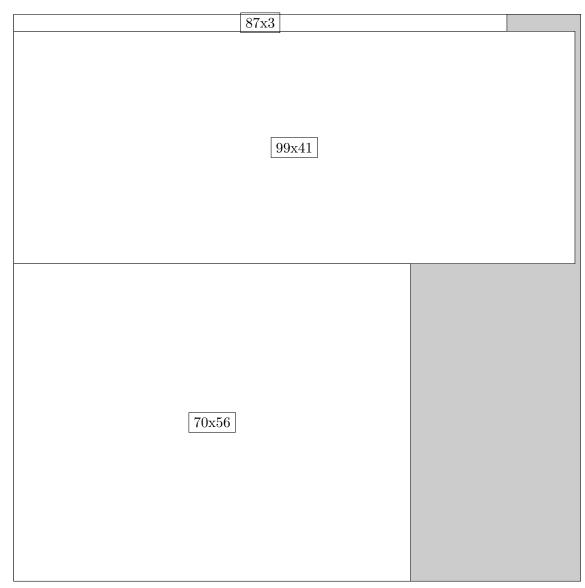
$$\le =97$$
 , h =27 , x =0 , y =62 , v =2619

$$\le =68$$
 , h =11 , x =0 , y =89 , v =748

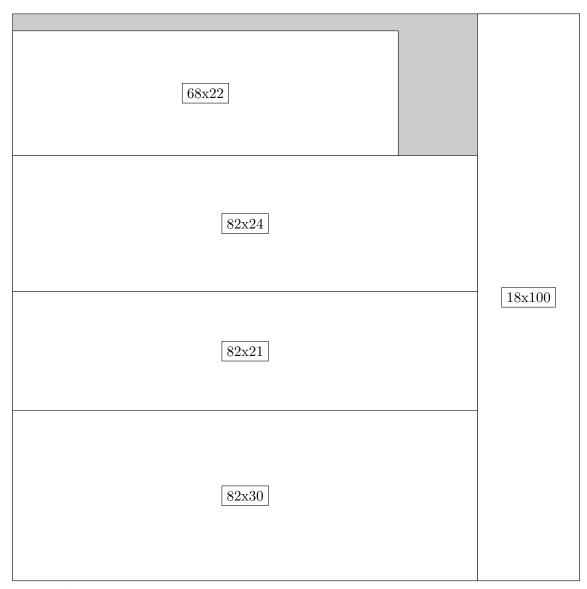


$$\begin{array}{l} w = 79 \ , \ h = 64 \ , \ x = 0 \ , \ y = 0 \ , \ v = 5056 \\ w = 79 \ , \ h = 21 \ , \ x = 0 \ , \ y = 64 \ , \ v = 1659 \end{array}$$

$$\le =95$$
 , h =15 , x =0 , y =85 , v =1425



$$\begin{array}{l} w = 99 \ , \ h = 41 \ , \ x = 0 \ , \ y = 56 \ , \ v = 4059 \\ w = 70 \ , \ h = 56 \ , \ x = 0 \ , \ y = 0 \ , \ v = 3920 \\ w = 87 \ , \ h = 3 \ , \ x = 0 \ , \ y = 97 \ , \ v = 261 \end{array}$$



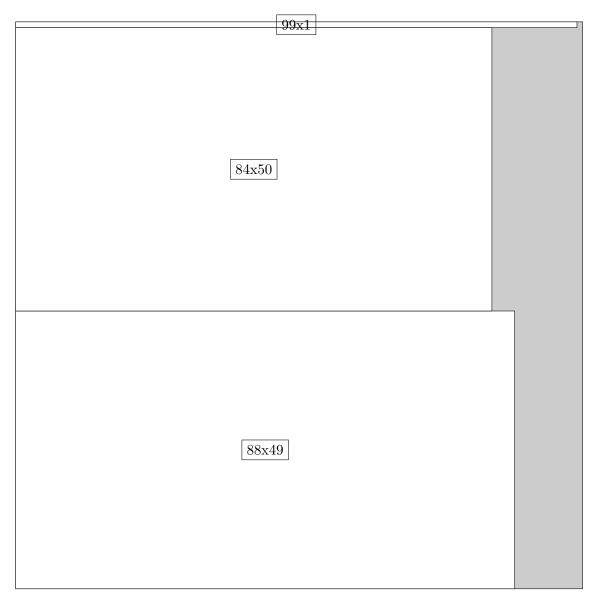
$$\le =82$$
 , h =30 , x =0 , y =0 , v =2460

$$\le =82$$
 , h =21 , x =0 , y =30 , v =1722

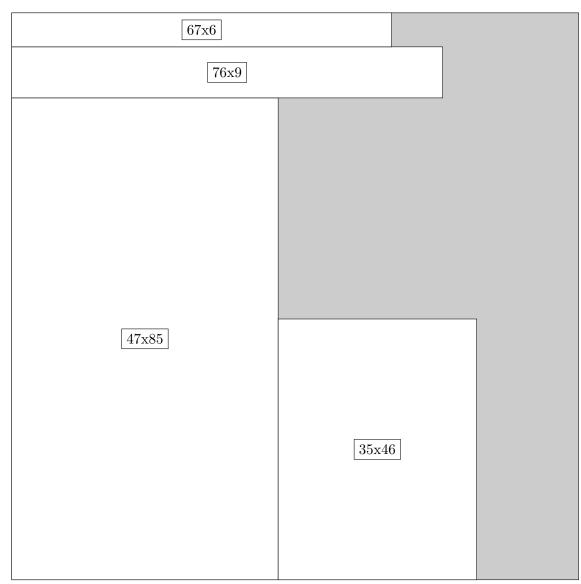
$$\le =82$$
 , h =24 , x =0 , y =51 , v =1968

$$\le =18$$
 , $h=100$, $x=82$, $y=0$, $v=1800$

$$w = 68$$
, $h = 22$, $x = 0$, $y = 75$, $v = 1496$



$$\begin{array}{l} w = \! 88 \ , \ h = \! 49 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4312 \\ w = \! 84 \ , \ h = \! 50 \ , \ x = \! 0 \ , \ y = \! 49 \ , \ v = \! 4200 \\ w = \! 99 \ , \ h = \! 1 \ , \ x = \! 0 \ , \ y = \! 99 \ , \ v = \! 99 \end{array}$$

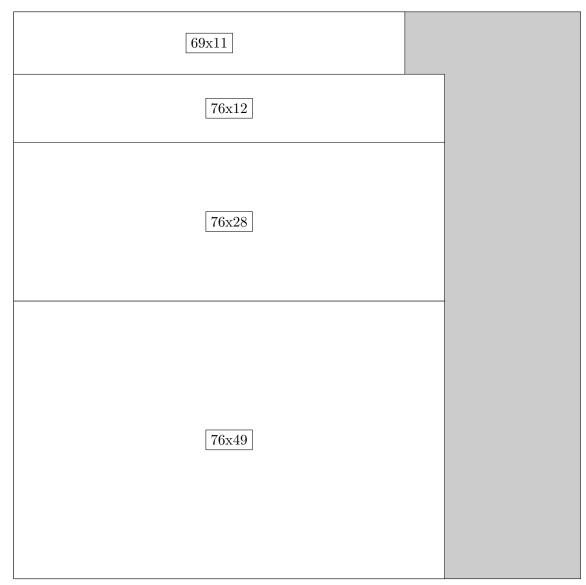


$$\le =47$$
 , $h=85$, $x=0$, $y=0$, $v=3995$

$$\le =35$$
 , h =46 , x =47 , y =0 , v =1610

$$\mathbf{w}$$
 =76 , h =9 , x =0 , y =85 , v =684

$$\mathbf{w}$$
 =67 , h =6 , x =0 , y =94 , v =402

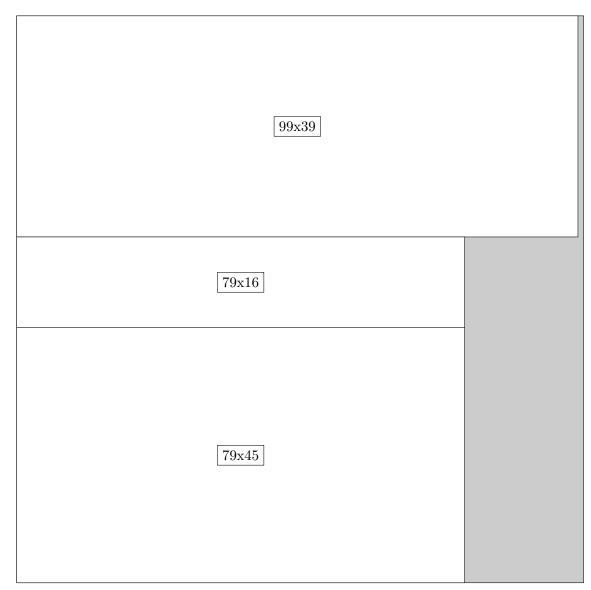


$$\mathbf{w}$$
 =76 , h =49 , x =0 , y =0 , v =3724

$$\le -76$$
 , h =
28 , x =
0 , y =
49 , v =
2128

$$\le -76$$
 , h =12 , x =0 , y =77 , v =912

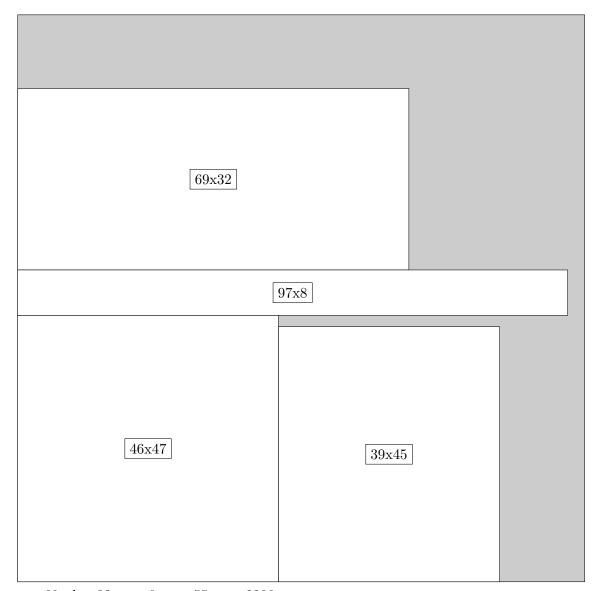
$$\le =69$$
 , h =11 , x =0 , y =89 , v =759



$$w = 99$$
, $h = 39$, $x = 0$, $y = 61$, $v = 3861$

$$\le =79$$
 , h =45 , x =0 , y =0 , v =3555

$$\le =79$$
 , h =16 , x =0 , y =45 , v =1264



$$\le =69$$
 , h =32 , x =0 , y =55 , v =2208

$$\mathbf{w}$$
 =46 , h =47 , x =0 , y =0 , v =2162

$$\le =39$$
 , h =45 , x =46 , y =0 , v =1755

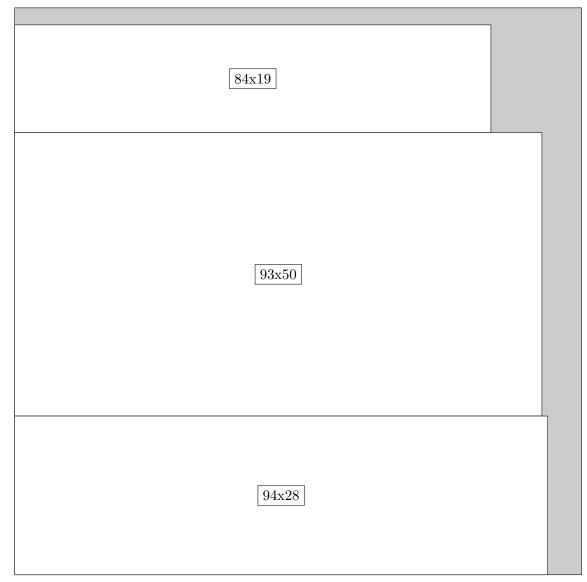
$$w=97$$
 , $h=8$, $x=0$, $y=\!47$, $v=\!776$



$$\begin{array}{l} w = \! 96 \ , \ h = \! 39 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3744 \\ w = \! 95 \ , \ h = \! 28 \ , \ x = \! 0 \ , \ y = \! 58 \ , \ v = \! 2660 \end{array}$$

$$\le =96$$
 , h =19 , x =0 , y =39 , v =1824

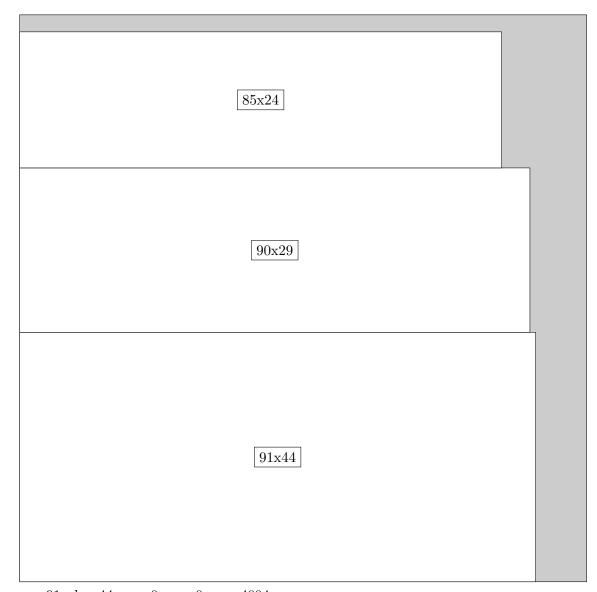
$$\le =95$$
 , h =14 , x =0 , y =86 , v =1330



$$w = 93 \; , \; h = 50 \; , \; x = 0 \; , \; y = 28 \; , \; v = 4650 \;$$

$$\le =94$$
 , h =28 , x =0 , y =0 , v =2632

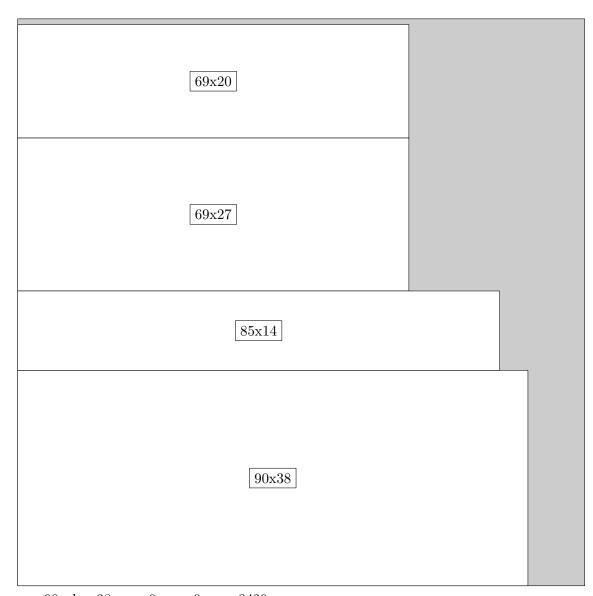
$$\le =84$$
 , h =19 , x =0 , y =78 , v =1596



$$\le =91$$
 , h =44 , x =0 , y =0 , v =4004

$$\le =90$$
 , h =29 , x =0 , y =44 , v =2610

$$\le =85$$
 , h =24 , x =0 , y =73 , v =2040

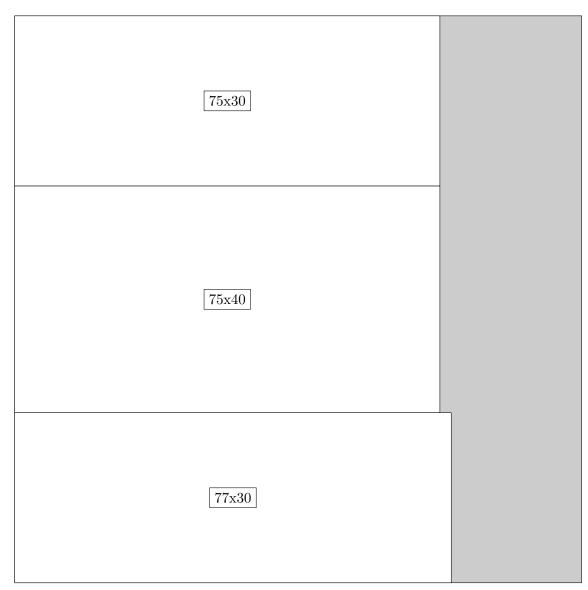


$$\le =90$$
 , h =38 , x =0 , y =0 , v =3420

$$\le =69$$
 , h =27 , x =0 , y =52 , v =1863

$$\le =69$$
 , h =20 , x =0 , y =79 , v =1380

$$\le =85$$
 , h =14 , x =0 , y =38 , v =1190



$$w = 75$$
, $h = 40$, $x = 0$, $y = 30$, $v = 3000$

$$\mathbf{w}$$
 =77 , h =30 , x =0 , y =0 , v =2310

$$\le =75$$
 , h =30 , x =0 , y =70 , v =2250