${\bf ClassName:}\ {\bf Class_08.2bp\text{-}19}$

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>130000</u> InS: <u>105358</u> Rate: <u>0.810</u> UB: <u>13</u> LB0: <u>13</u>

 $\begin{array}{c} \overline{\text{LBWithCut: } \mathbf{13}} \\ \text{NodeCut: } \mathbf{0} \end{array}$

LB: **13**

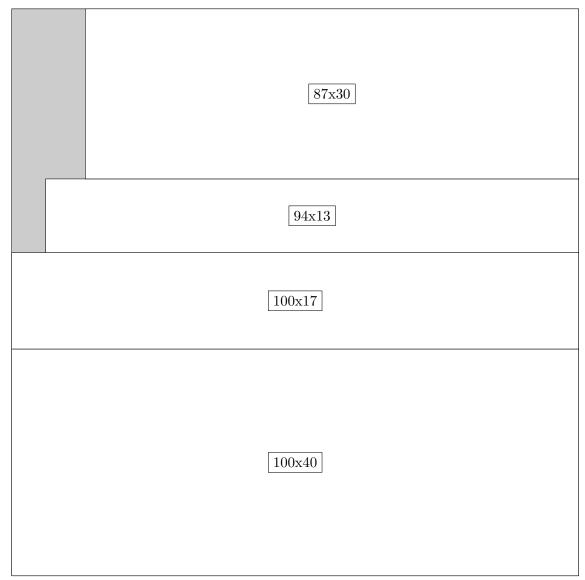
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{13}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

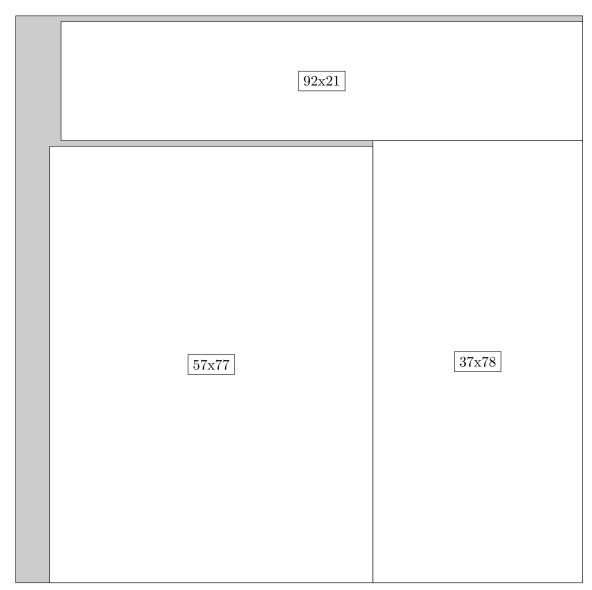
isOpt: $\underline{\mathbf{true}}$

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.058 sTotalTime: 600.325 s



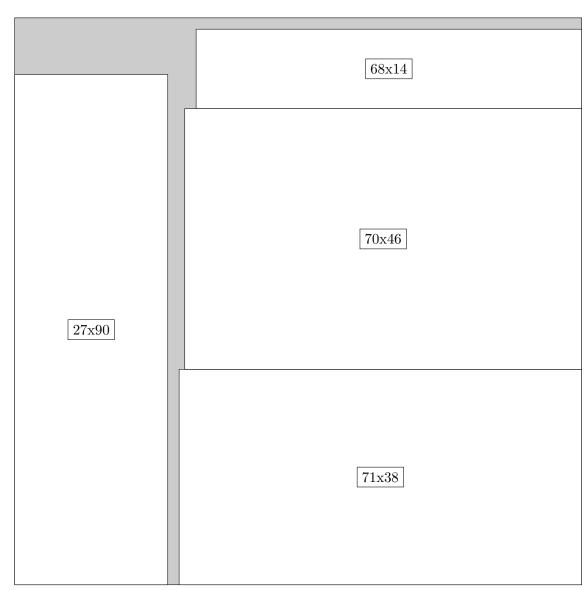
$$\begin{array}{l} w = & 100 \ , \ h = & 40 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 4000 \\ w = & 100 \ , \ h = & 17 \ , \ x = & 0 \ , \ y = & 40 \ , \ v = & 1700 \\ w = & 94 \ , \ h = & 13 \ , \ x = & 6 \ , \ y = & 57 \ , \ v = & 1222 \\ w = & 87 \ , \ h = & 30 \ , \ x = & 13 \ , \ y = & 70 \ , \ v = & 2610 \end{array}$$



$$\mathbf{w}$$
 =37 , h =78 , x =63 , y =0 , v =2886

$$\le 57$$
 , h =
77 , x =
6 , y =
0 , v =
4389

$$\le =92$$
 , h =21 , x =8 , y =78 , v =1932

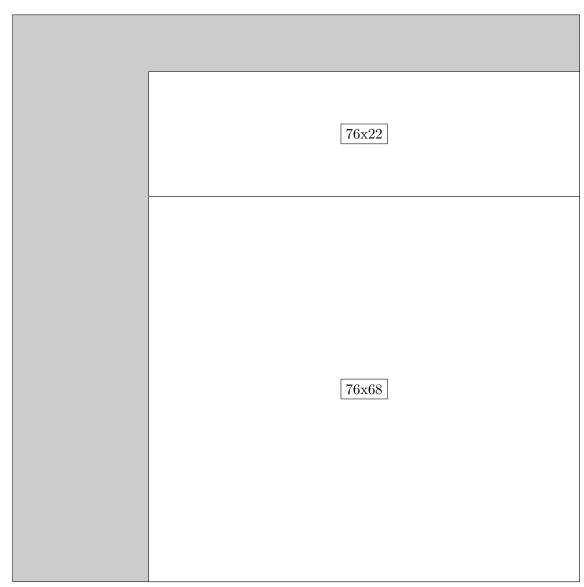


$$\le =71$$
 , h =38 , x =29 , y =0 , v =2698

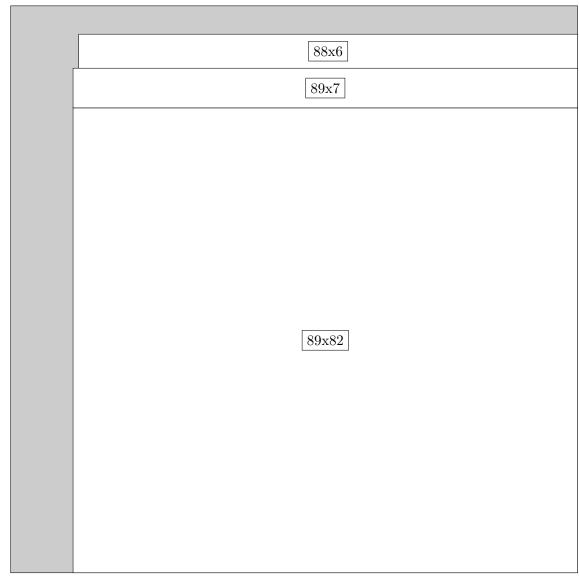
$$\le =70$$
 , h =46 , x =30 , y =38 , v =3220

$$\le =68$$
 , h =14 , x =32 , y =84 , v =952

$$\le =27$$
 , h =90 , x =0 , y =0 , v =2430



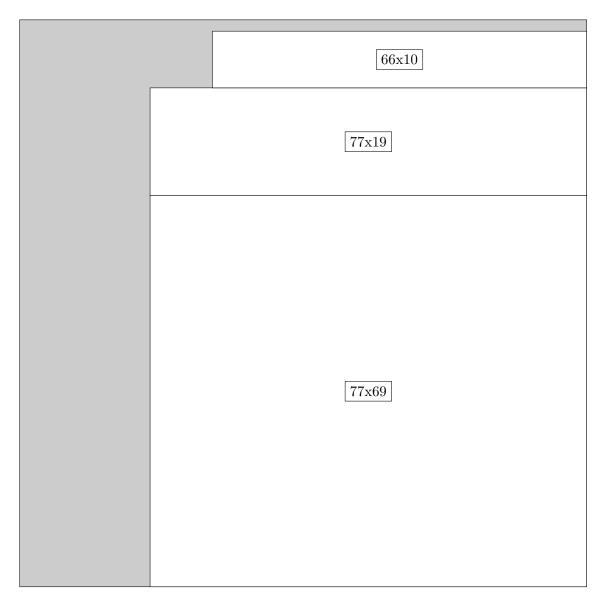
$$\begin{array}{l} w = \! 76 \ , \, h = \! 68 \ , \, x = \! 24 \ , \, y = \! 0 \ , \, v = \! 5168 \\ w = \! 76 \ , \, h = \! 22 \ , \, x = \! 24 \ , \, y = \! 68 \ , \, v = \! 1672 \end{array}$$



$$\le =89$$
 , h =82 , x =11 , y =0 , v =7298

$$\le =89$$
 , h =7 , x =11 , y =82 , v =623

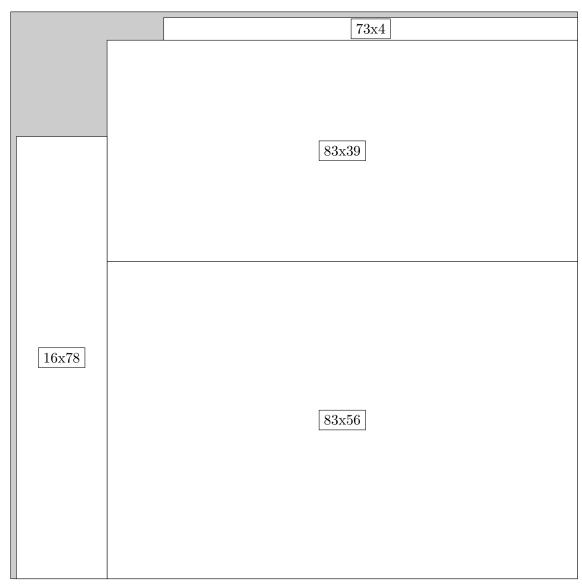
$$\le =88$$
 , h =6 , x =12 , y =89 , v =528



$$\le =77$$
 , h =69 , x =23 , y =0 , v =5313

$$w$$
 =77 , h =19 , x =23 , y =69 , v =1463

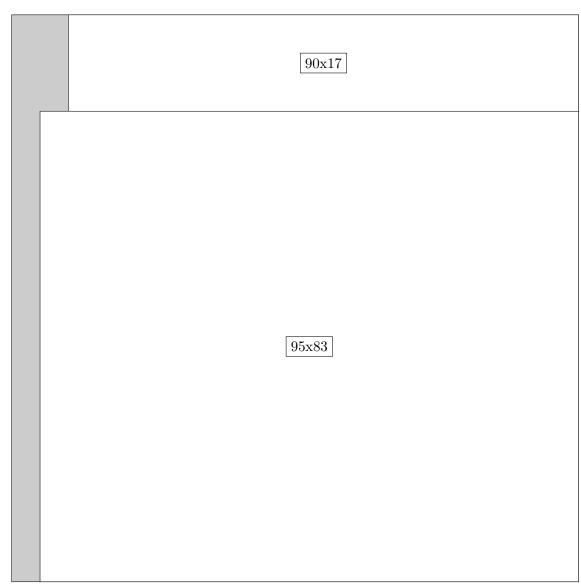
$$\le =66$$
 , $h=10$, $x=34$, $y=88$, $v=660$

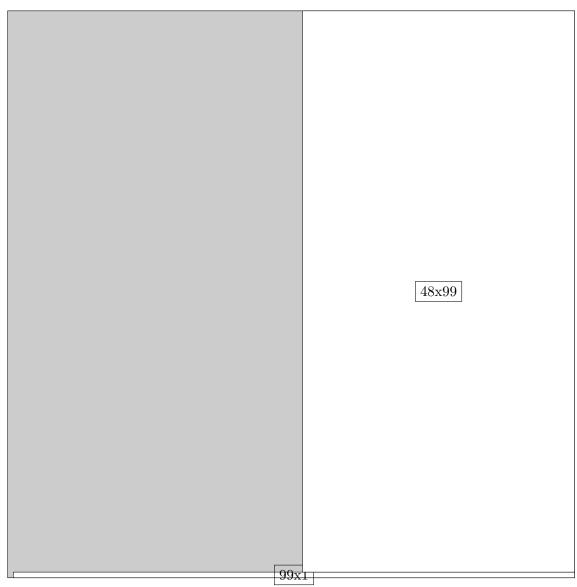


 $\begin{array}{l} w = \! 83 \ , \ h = \! 56 \ , \ x = \! 17 \ , \ y = \! 0 \ , \ v = \! 4648 \\ w = \! 83 \ , \ h = \! 39 \ , \ x = \! 17 \ , \ y = \! 56 \ , \ v = \! 3237 \end{array}$

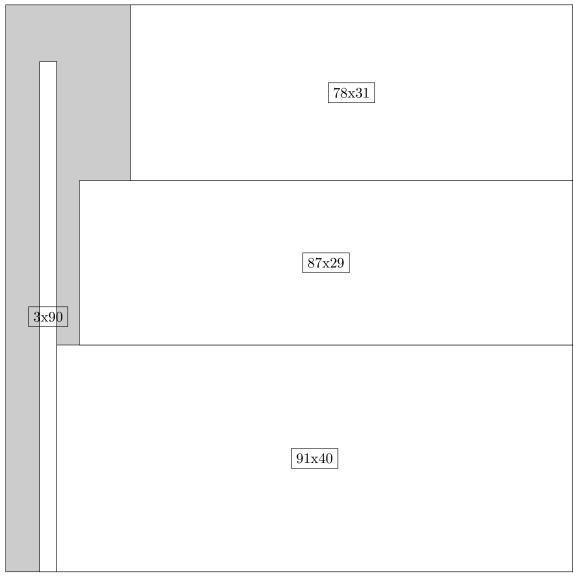
w = 73, h = 4, x = 27, y = 95, v = 292

 \mathbf{w} =16 , h =78 , x =1 , y =0 , v =1248

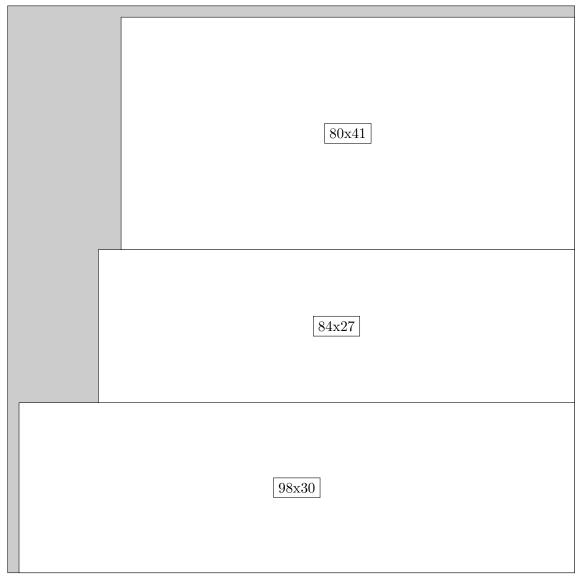




 $\begin{array}{l} w = 99 \ , \ h = 1 \ , \ x = 1 \ , \ y = 0 \ , \ v = 99 \\ w = 48 \ , \ h = 99 \ , \ x = 52 \ , \ y = 1 \ , \ v = 4752 \end{array}$



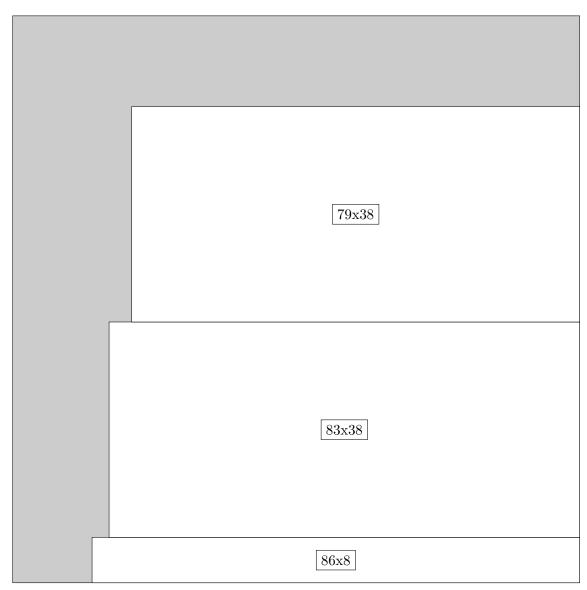
 $\begin{array}{l} w = \! 91 \ , \ h = \! 40 \ , \ x = \! 9 \ , \ y = \! 0 \ , \ v = \! 3640 \\ w = \! 87 \ , \ h = \! 29 \ , \ x = \! 13 \ , \ y = \! 40 \ , \ v = \! 2523 \\ w = \! 78 \ , \ h = \! 31 \ , \ x = \! 22 \ , \ y = \! 69 \ , \ v = \! 2418 \\ w = \! 3 \ , \ h = \! 90 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 270 \end{array}$



$$\le =98$$
 , h =30 , x =2 , y =0 , v =2940

$$\le =84$$
 , h =27 , x =16 , y =30 , v =2268

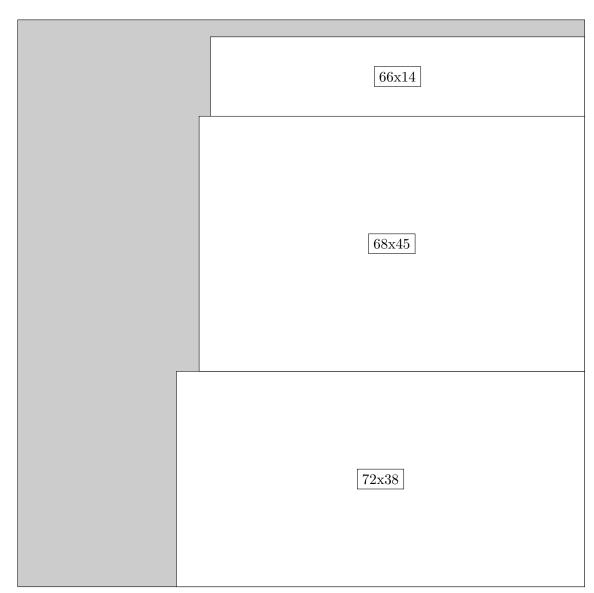
$$\le =80$$
 , h =41 , x =20 , y =57 , v =3280



$$w = 86$$
, $h = 8$, $x = 14$, $y = 0$, $v = 688$

$$\le =83$$
 , h =38 , x =17 , y =8 , v =3154

$$\le =79$$
 , h =38 , x =21 , y =46 , v =3002



$$\le =72$$
 , h =38 , x =28 , y =0 , v =2736

$$\le =68$$
 , h =45 , x =32 , y =38 , v =3060

$$\le =66$$
 , h =14 , x =34 , y =83 , v =924