$ClassName: Class\_08.2bp-10$ 

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

TypeNum: <u>39</u> Num: <u>40</u> OutS: <u>120000</u> InS: <u>95261</u> Rate: <u>0.794</u> UB: <u>12</u> LB0: <u>11</u>

LBWithCut:  $\underline{\mathbf{12}}$  NodeCut:  $\underline{\mathbf{0}}$ 

LB: **12** 

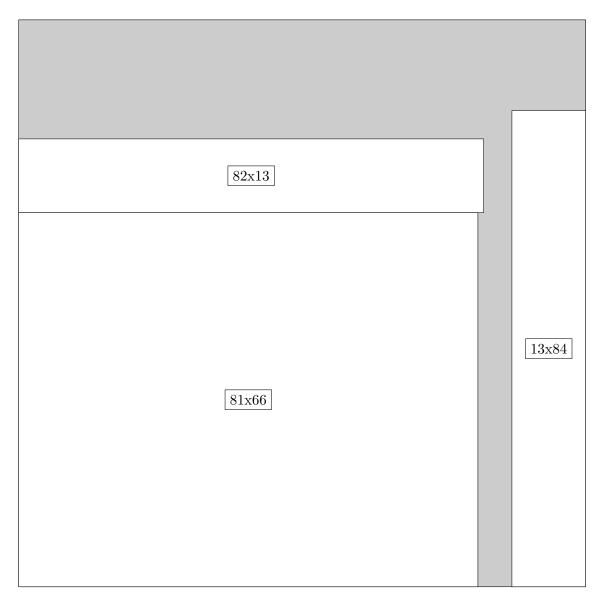
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{109}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{98}}$ PricingSolverCnt:  $\underline{\mathbf{98}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

isOpt: **true** 

TimeOnInitSolution:  $\underline{120.010 \text{ s}}$ 

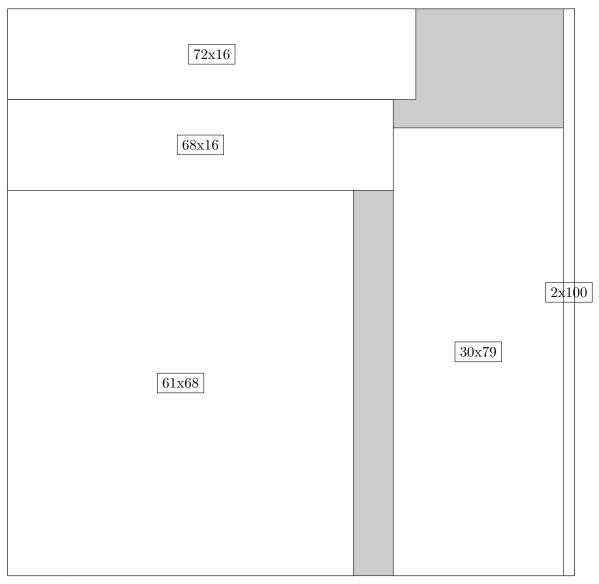
TimeOnPrimal: 0.000 sTimeOnPricing: 6.483 sTimeOnRmp: 0.079 sTotalTime: 126.650 s



$$w = 81$$
,  $h = 66$ ,  $x = 0$ ,  $y = 0$ ,  $v = 5346$ 

$$\le =13$$
 ,  $h$  =84 ,  $x$  =87 ,  $y$  =0 ,  $v$  =1092

$$\le =82$$
 , h =13 , x =0 , y =66 , v =1066



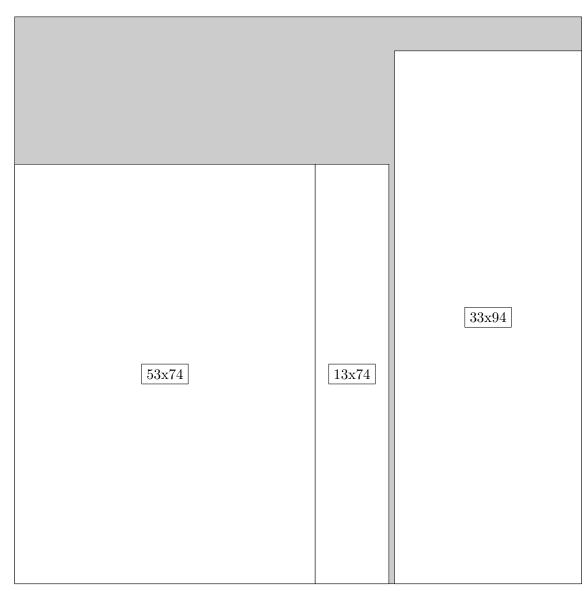
$$\mathbf{w}$$
 =61 , h =68 , x =0 , y =0 , v =4148

$$\le =30$$
 ,  $h$  =79 ,  $x$  =68 ,  $y$  =0 ,  $v$  =2370

$$\le =72$$
 , h =16 , x =0 , y =84 , v =1152

$$\le =68$$
 ,  $h=16$  ,  $x=0$  ,  $y=68$  ,  $v=1088$ 

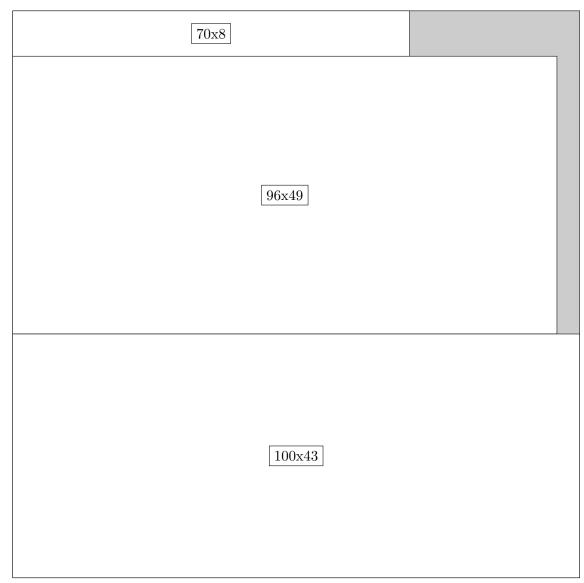
$$w=2$$
 ,  $h=\!100$  ,  $x=\!98$  ,  $y=\!0$  ,  $v=\!200$ 



$$\mathbf{w}$$
 =53 , h =74 , x =0 , y =0 , v =3922

$$\le =33$$
 , h =94 , x =67 , y =0 , v =3102

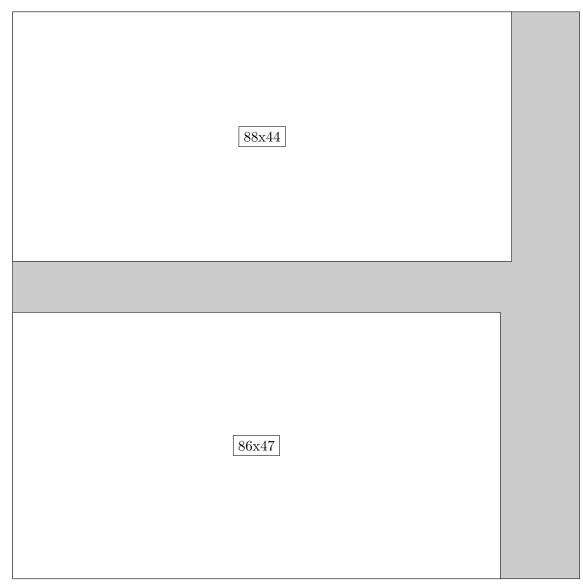
$$\le =13$$
 ,  $h$  =74 ,  $x$  =53 ,  $y$  =0 ,  $v$  =962

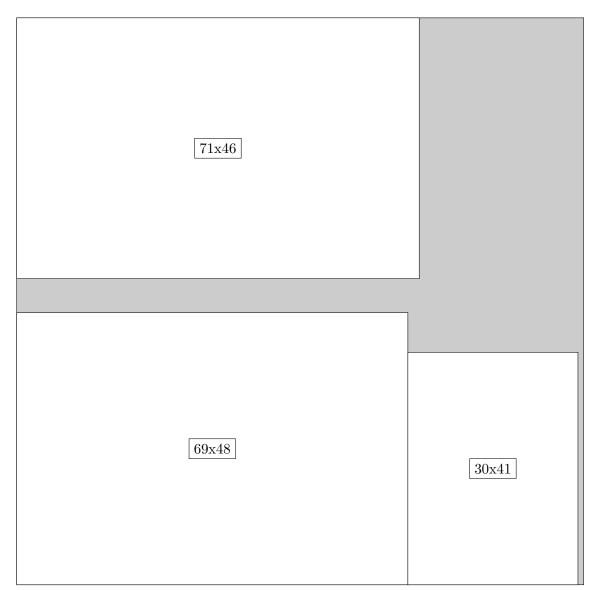


$$\begin{array}{l} w = \! 96 \ , \ h = \! 49 \ , \ x = \! 0 \ , \ y = \! 43 \ , \ v = \! 4704 \\ w = \! 100 \ , \ h = \! 43 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4300 \\ w = \! 70 \ , \ h = \! 8 \ , \ x = \! 0 \ , \ y = \! 92 \ , \ v = \! 560 \end{array}$$



$$\begin{array}{l} w = \! 98 \ , \ h = \! 43 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4214 \\ w = \! 83 \ , \ h = \! 50 \ , \ x = \! 0 \ , \ y = \! 43 \ , \ v = \! 4150 \\ w = \! 1 \ , \ h = \! 72 \ , \ x = \! 99 \ , \ y = \! 0 \ , \ v = \! 72 \end{array}$$

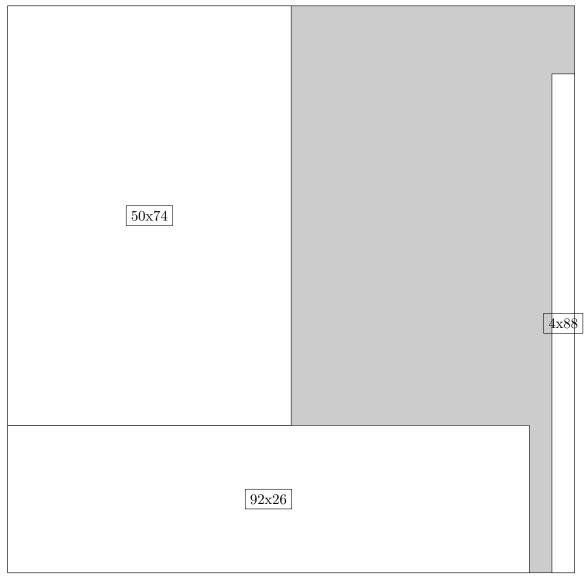




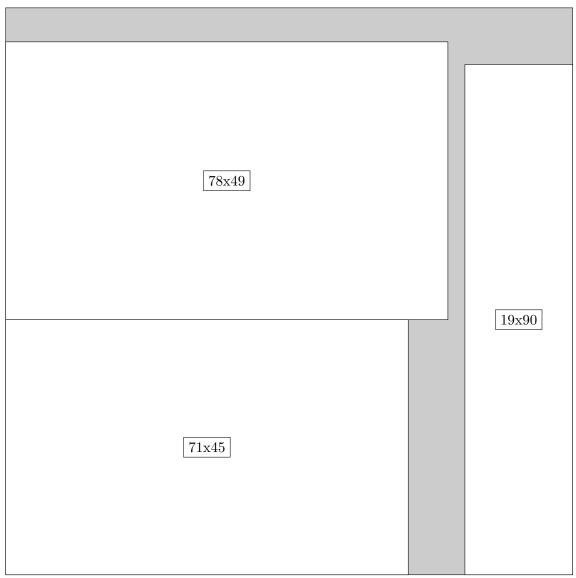
$$\le =69$$
 , h =48 , x =0 , y =0 , v =3312

$$\le =71$$
 , h =46 , x =0 , y =54 , v =3266

$$\le =30$$
 , h =41 , x =69 , y =0 , v =1230



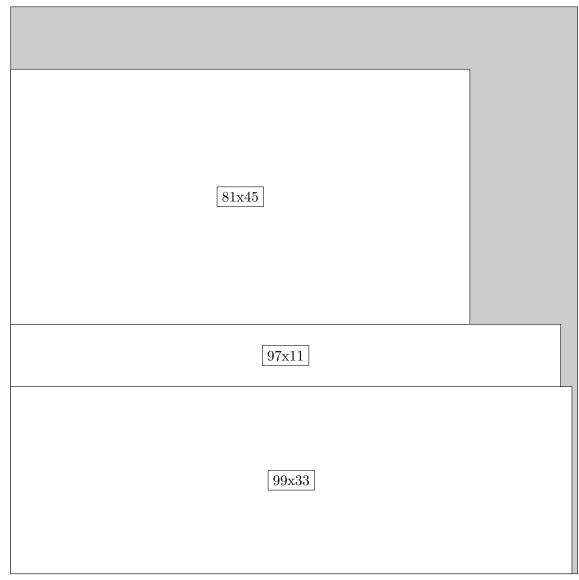
$$\begin{array}{l} w = 92 \ , \ h = 26 \ , \ x = 0 \ , \ y = 0 \ , \ v = 2392 \\ w = 50 \ , \ h = 74 \ , \ x = 0 \ , \ y = 26 \ , \ v = 3700 \\ w = 4 \ , \ h = 88 \ , \ x = 96 \ , \ y = 0 \ , \ v = 352 \end{array}$$



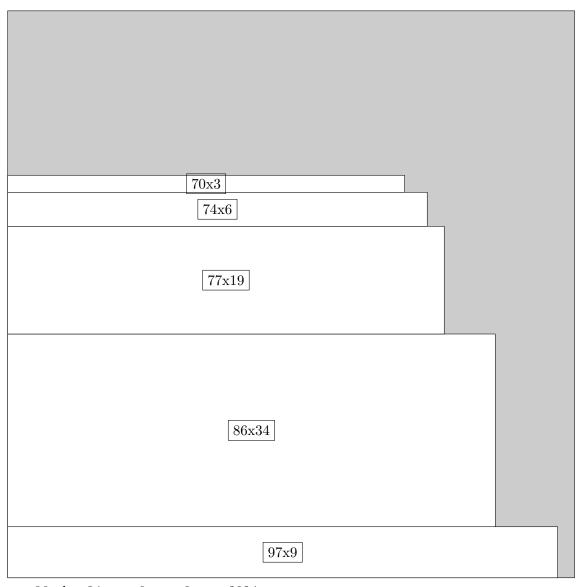
$$\le =71$$
 , h =45 , x =0 , y =0 , v =3195

$$\le =78$$
 , h =49 , x =0 , y =45 , v =3822

$$\le =19$$
 , h =90 , x =81 , y =0 , v =1710



$$\begin{array}{l} w = \! 81 \ , \ h = \! 45 \ , \ x = \! 0 \ , \ y = \! 44 \ , \ v = \! 3645 \\ w = \! 99 \ , \ h = \! 33 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3267 \\ w = \! 97 \ , \ h = \! 11 \ , \ x = \! 0 \ , \ y = \! 33 \ , \ v = \! 1067 \end{array}$$



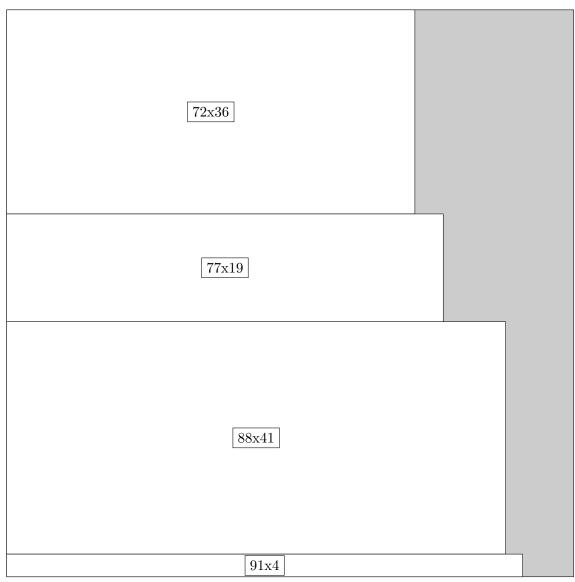
$$\le =86$$
 , h =34 , x =0 , y =9 , v =2924

$$\le =77$$
 , h =19 , x =0 , y =43 , v =1463

$$\le =97$$
 , h =9 , x =0 , y =0 , v =873

$$\mathbf{w}$$
 =74 , h =6 , x =0 , y =62 , v =444

$$w = 70$$
,  $h = 3$ ,  $x = 0$ ,  $y = 68$ ,  $v = 210$ 



$$\le =88$$
 ,  $h$  =41 ,  $x$  =0 ,  $y$  =4 ,  $v$  =3608

$$\le =72$$
 , h =36 , x =0 , y =64 , v =2592

$$\le =77$$
 , h =19 , x =0 , y =45 , v =1463

$$\le =91$$
 ,  $h=4$  ,  $x=0$  ,  $y=0$  ,  $v=364$