$ClassName: \ Class_05.2bp-19$

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>100000</u> InS: <u>84528</u> Rate: <u>0.845</u> UB: <u>10</u> LB0: <u>10</u>

LB: $\underline{\mathbf{10}}$ LBWithCut: $\underline{\mathbf{10}}$ NodeCut: $\underline{\mathbf{0}}$

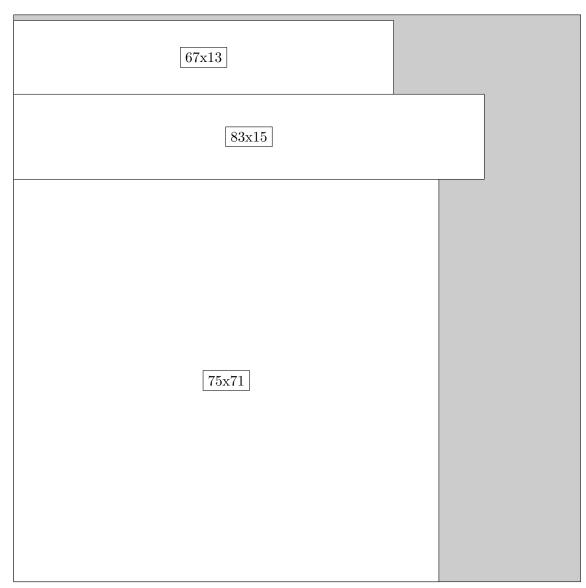
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{10}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

branchAndboundr

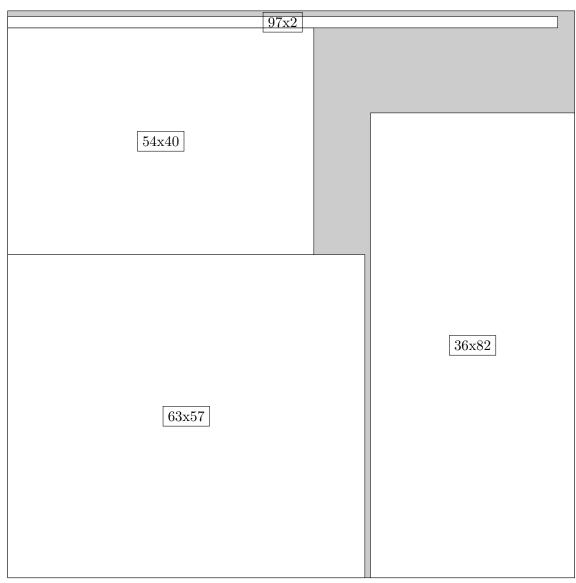
is Opt: $\underline{\mathbf{true}}$

 $\begin{array}{ll} \text{TimeOnPrimal: } \underline{0.000 \text{ s}} \\ \text{TimeOnPricing: } \underline{0.000 \text{ s}} \\ \text{TimeOnRmp: } \underline{0.101 \text{ s}} \\ \text{TotalTime: } \underline{0.177 \text{ s}} \end{array}$



$$\begin{array}{l} w = \!\! 75 \ , \ h = \!\! 71 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 5325 \\ w = \!\! 83 \ , \ h = \!\! 15 \ , \ x = \!\! 0 \ , \ y = \!\! 71 \ , \ v = \!\! 1245 \end{array}$$

$$\le =67$$
 , h =13 , x =0 , y =86 , v =871

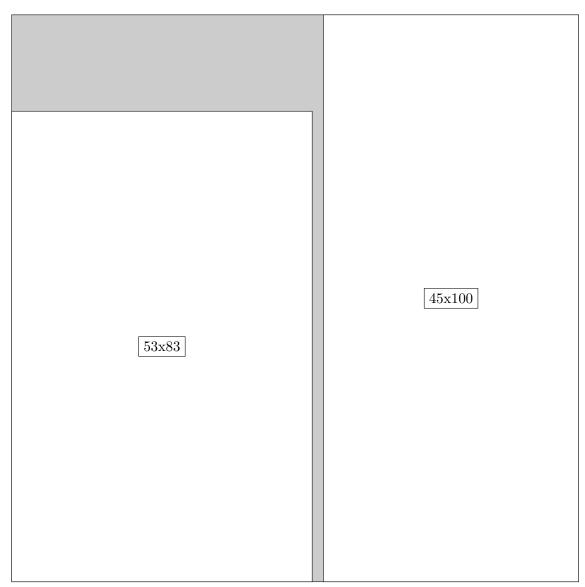


$$\le =63$$
 , $h=57$, $x=0$, $y=0$, $v=3591$

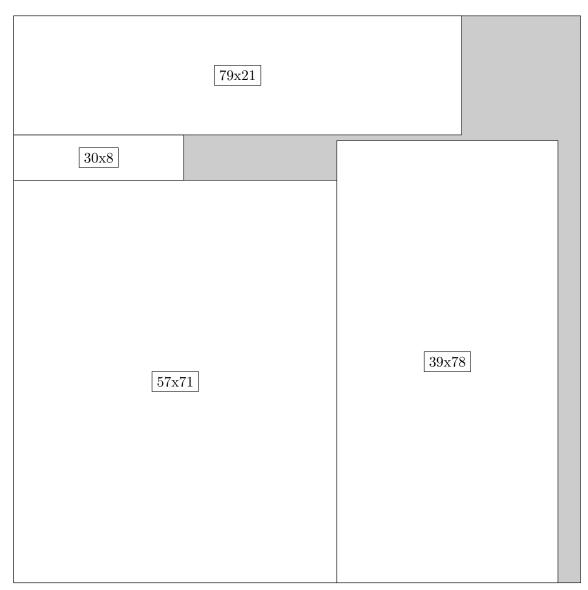
$$\le =54$$
 , h =40 , x =0 , y =57 , v =2160

$$\le =36$$
 , h =82 , x =64 , y =0 , v =2952

$$\le =97$$
 , h =2 , x =0 , y =97 , v =194



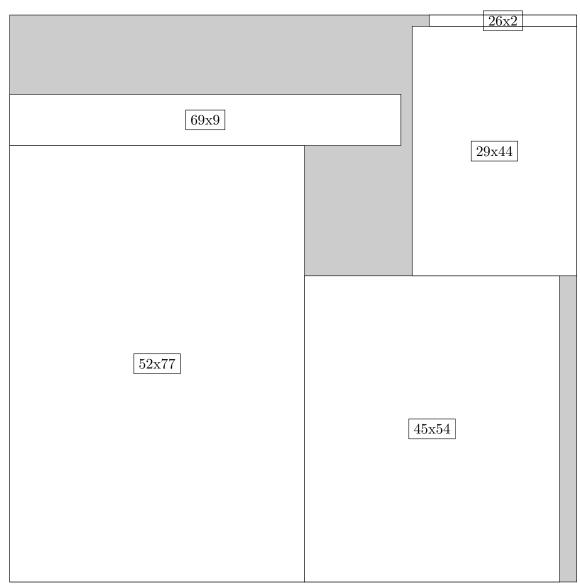
w =45, h =100, x =55, y =0, v =4500 w =53, h =83, x =0, y =0, v =4399



$$\begin{array}{l} w = \! 57 \ , \ h = \! 71 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4047 \\ w = \! 39 \ , \ h = \! 78 \ , \ x = \! 57 \ , \ y = \! 0 \ , \ v = \! 3042 \end{array}$$

$$\le 30$$
 , h =
8 , x =
0 , y =
71 , v =
240

$$\mathbf{w}$$
 =79 , h =21 , x =0 , y =79 , v =1659



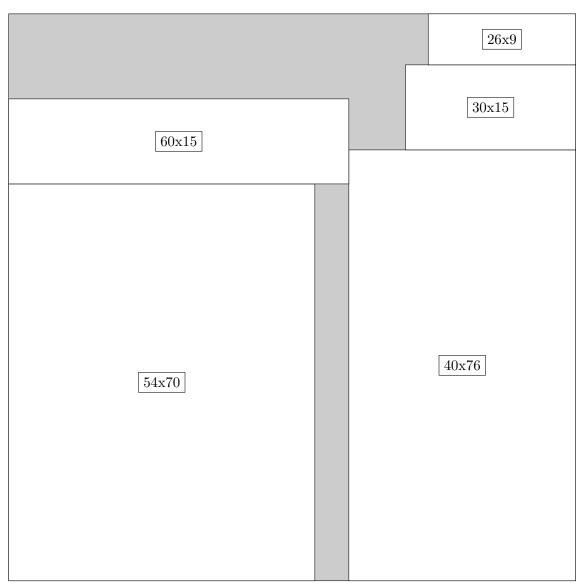
$$w$$
 =52 , h =77 , x =0 , y =0 , v =4004

$$\le =45$$
 , $h=54$, $x=52$, $y=0$, $v=2430$

$$\le =29$$
 , h =44 , x =71 , y =54 , v =1276

$$\le =69$$
 , $h=9$, $x=0$, $y=77$, $v=621$

$$\le =26$$
 , h =2 , x =74 , y =98 , v =52



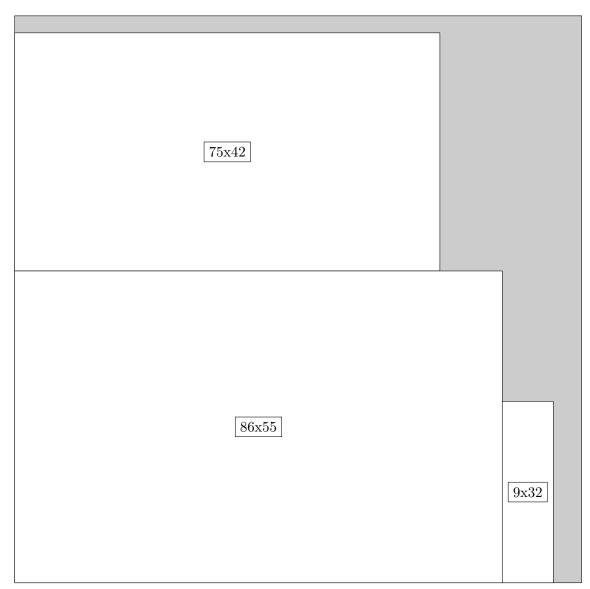
$$\mathbf{w}$$
 =54 , h =70 , x =0 , y =0 , v =3780

$$\mathbf{w}$$
 =40 , h =76 , x =60 , y =0 , v =3040

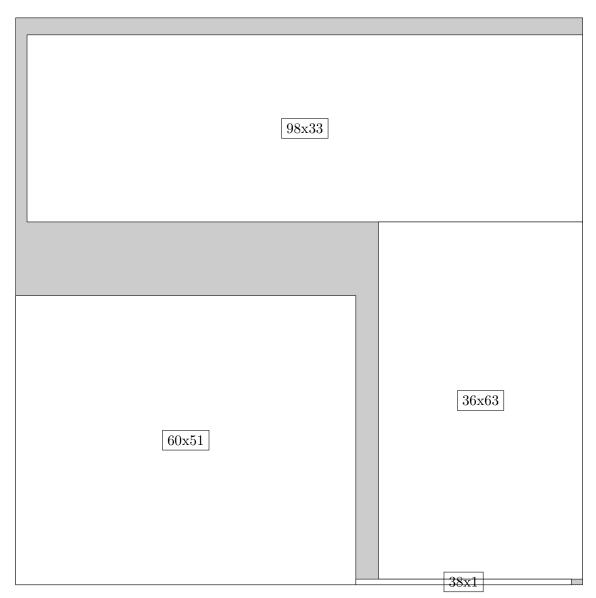
$$\le =60$$
 , h =15 , x =0 , y =70 , v =900

$$\le =30$$
 , h =15 , x =70 , y =76 , v =450

$$w$$
 =26 , h =9 , x =74 , y =91 , v =234



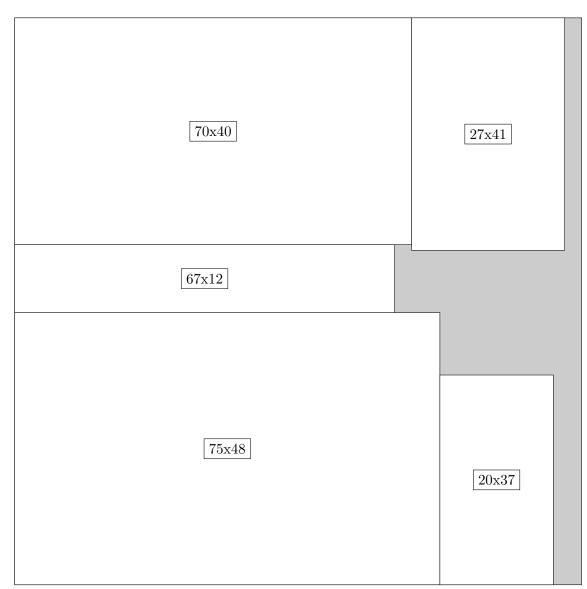
$$\begin{array}{l} w = \! 75 \ , \ h = \! 42 \ , \ x = \! 0 \ , \ y = \! 55 \ , \ v = \! 3150 \\ w = \! 86 \ , \ h = \! 55 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4730 \\ w = \! 9 \ , \ h = \! 32 \ , \ x = \! 86 \ , \ y = \! 0 \ , \ v = \! 288 \end{array}$$



$$\begin{array}{l} w = \! 98 \ , \ h = \! 33 \ , \ x = \! 2 \ , \ y = \! 64 \ , \ v = \! 3234 \\ w = \! 60 \ , \ h = \! 51 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3060 \\ \end{array}$$

$$\le =36$$
 , $h=63$, $x=64$, $y=1$, $v=2268$

$$\le 38$$
 , h =1 , x =60 , y =0 , v =38



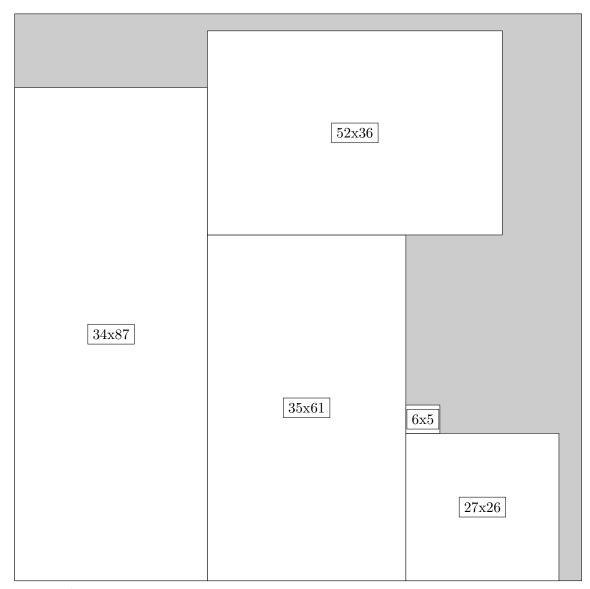
$$\mathbf{w}$$
 =75 , h =48 , x =0 , y =0 , v =3600

$$\le =27$$
 , h =41 , x =70 , y =59 , v =1107

$$\mathbf{w}$$
 =67 , h =12 , x =0 , y =48 , v =804

$$\mathbf{w}$$
 =20 , h =37 , x =75 , y =0 , v =740

$$w = 70$$
, $h = 40$, $x = 0$, $y = 60$, $v = 2800$



$$\le =34$$
 , h =87 , x =0 , y =0 , v =2958

$$\le =35$$
 , h =61 , x =34 , y =0 , v =2135

$$\le =52$$
 , h =36 , x =34 , y =61 , v =1872

$$\le =27$$
 , h =26 , x =69 , y =0 , v =702

$$\mathbf{w}$$
 =6 , h =5 , x =69 , y =26 , v =30