$ClassName: \ Class_07.2bp-13$

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

TypeNum: <u>39</u> Num: <u>40</u> OutS: <u>140000</u> InS: <u>111847</u> Rate: <u>0.799</u> UB: <u>14</u> LB0: <u>14</u>

LBU: <u>14</u> LB: <u>14</u>

LBWithCut: $\underline{\mathbf{14}}$ NodeCut: $\underline{\mathbf{0}}$

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{14}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: <u>true</u>

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

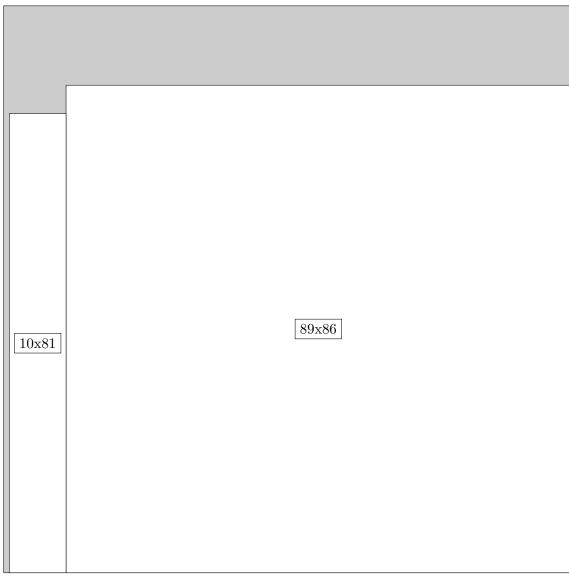
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 600.360 s

		29x23
21x69	39x72	39x72

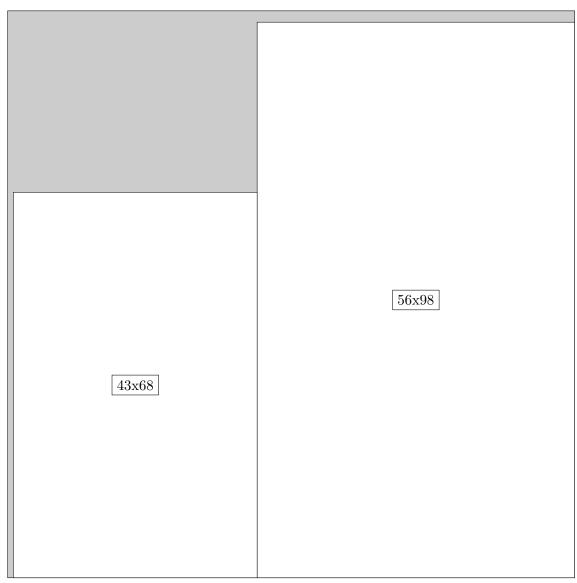
$$\begin{array}{l} w = & 39 \ , \ h = & 72 \ , \ x = & 61 \ , \ y = & 0 \ , \ v = & 2808 \\ w = & 29 \ , \ h = & 23 \ , \ x = & 71 \ , \ y = & 72 \ , \ v = & 667 \end{array}$$

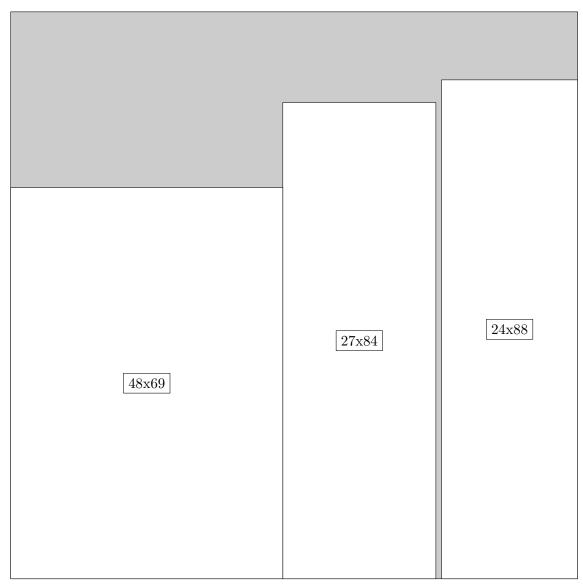
$$\le =39$$
 , h =72 , x =22 , y =0 , v =2808

$$\le =21$$
 , h =69 , x =1 , y =0 , v =1449



$$\begin{array}{l} w = \! 89 \ , \ h = \! 86 \ , \ x = \! 11 \ , \ y = \! 0 \ , \ v = \! 7654 \\ w = \! 10 \ , \ h = \! 81 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 810 \end{array}$$

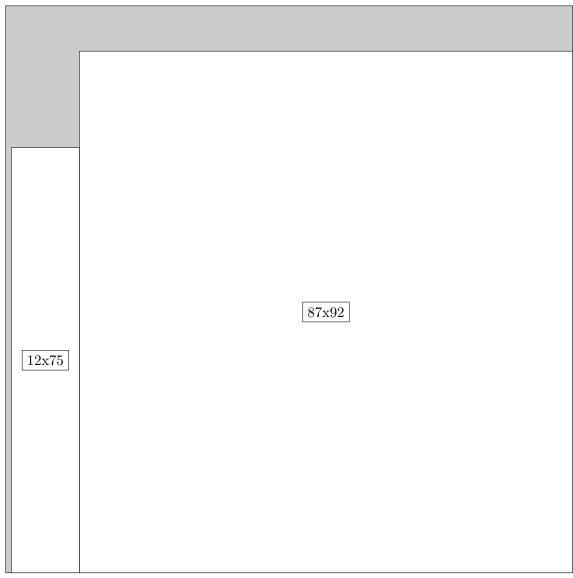


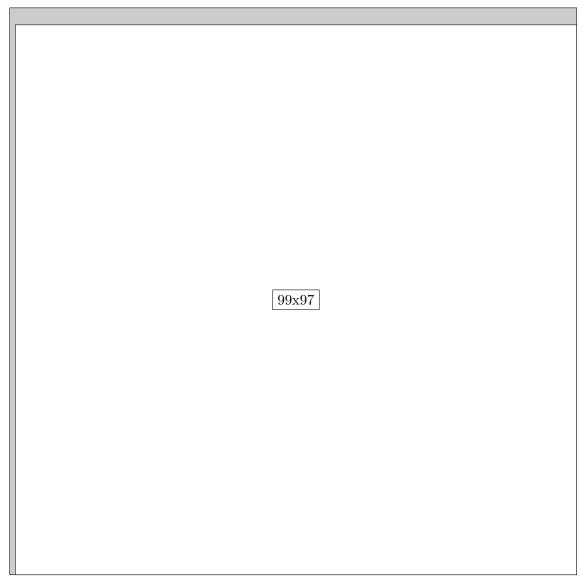


$$w = 24$$
, $h = 88$, $x = 76$, $y = 0$, $v = 2112$

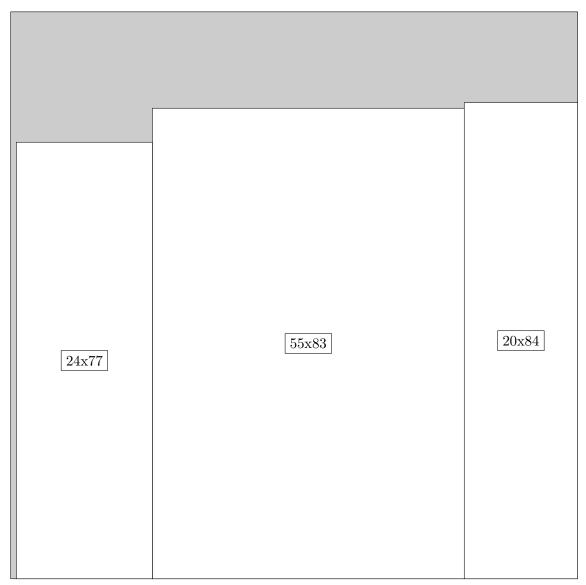
$$\le =27$$
 , h =84 , x =48 , y =0 , v =2268

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





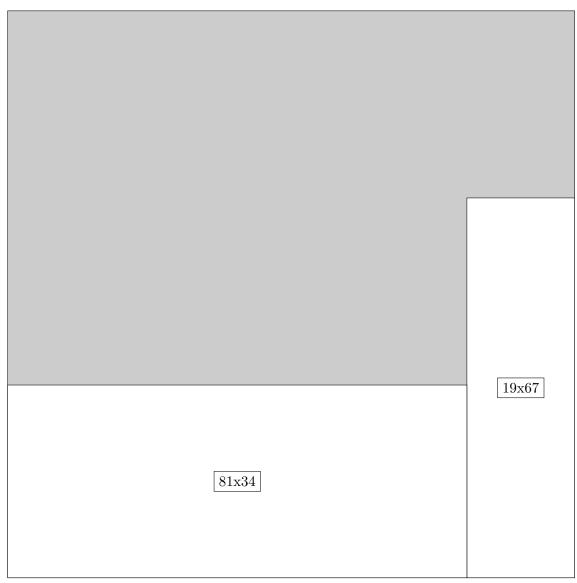
 $\le =99$, h =97 , x =1 , y =0 , v = 9603



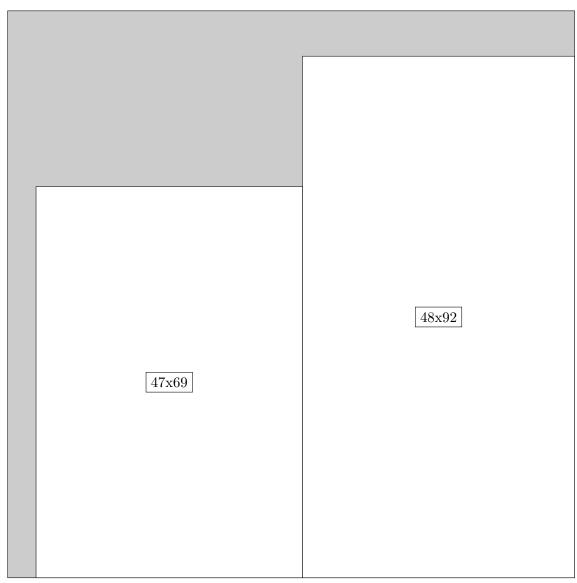
$$w = 20$$
, $h = 84$, $x = 80$, $y = 0$, $v = 1680$

$$\le =55$$
 , h =83 , x =25 , y =0 , v =4565

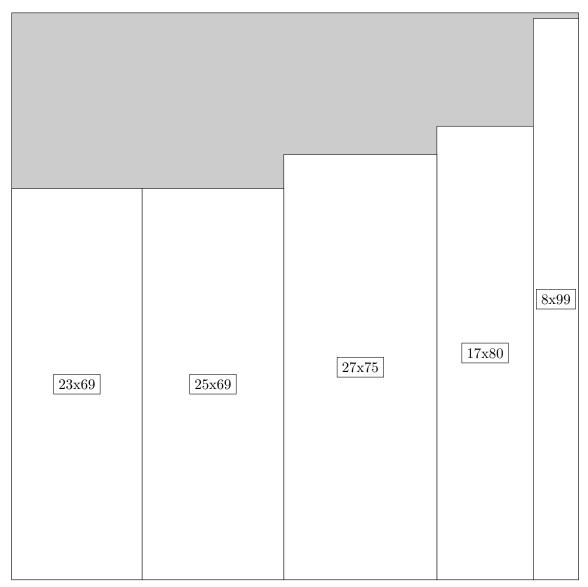
$$\le =24$$
 , h =77 , x =1 , y =0 , v =1848



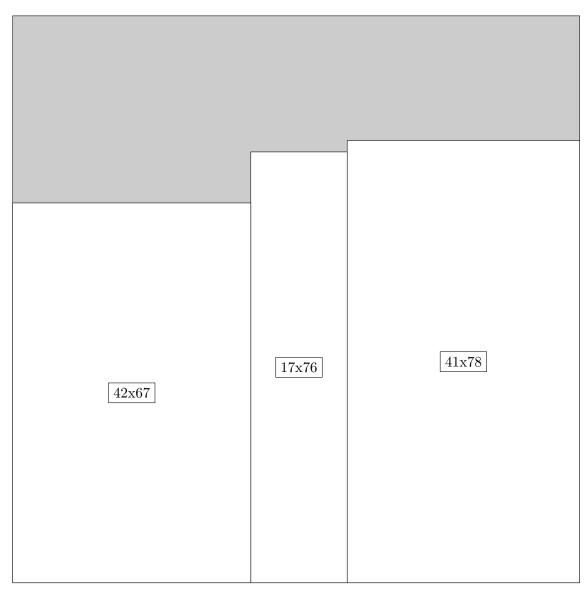
 $\begin{array}{l} w = \! 19 \ , \ h = \! 67 \ , \ x = \! 81 \ , \ y = \! 0 \ , \ v = \! 1273 \\ w = \! 81 \ , \ h = \! 34 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 2754 \end{array}$



 $\begin{array}{l} w = \! 48 \ , \ h = \! 92 \ , \ x = \! 52 \ , \ y = \! 0 \ , \ v = \! 4416 \\ w = \! 47 \ , \ h = \! 69 \ , \ x = \! 5 \ , \ y = \! 0 \ , \ v = \! 3243 \end{array}$



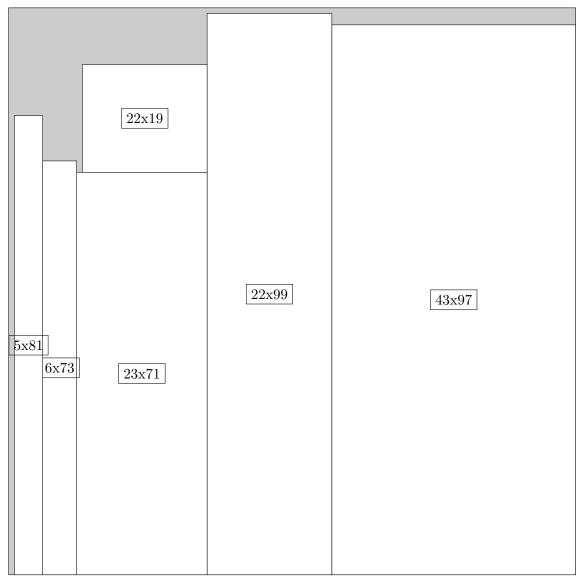
 $\begin{array}{l} w=8 \ , \ h=99 \ , \ x=92 \ , \ y=0 \ , \ v=792 \\ w=17 \ , \ h=80 \ , \ x=75 \ , \ y=0 \ , \ v=1360 \\ w=27 \ , \ h=75 \ , \ x=48 \ , \ y=0 \ , \ v=2025 \\ w=25 \ , \ h=69 \ , \ x=23 \ , \ y=0 \ , \ v=1725 \\ w=23 \ , \ h=69 \ , \ x=0 \ , \ y=0 \ , \ v=1587 \end{array}$



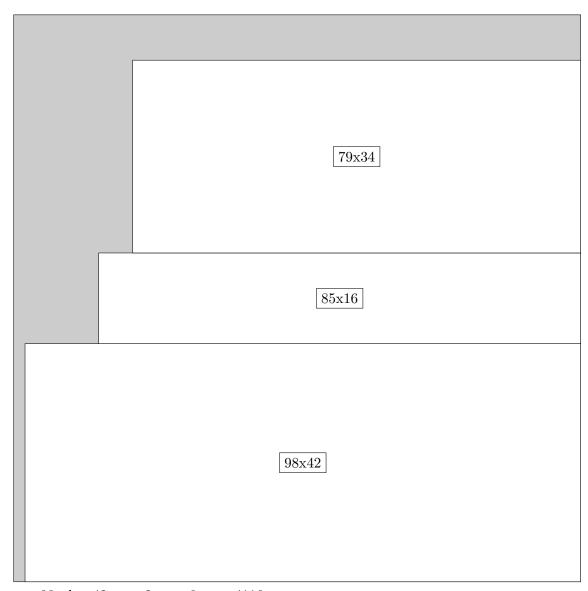
$$w = 41$$
, $h = 78$, $x = 59$, $y = 0$, $v = 3198$

$$\le =17$$
 , h =76 , x =42 , y =0 , v =1292

$$\le =42$$
 , $h=67$, $x=0$, $y=0$, $v=2814$

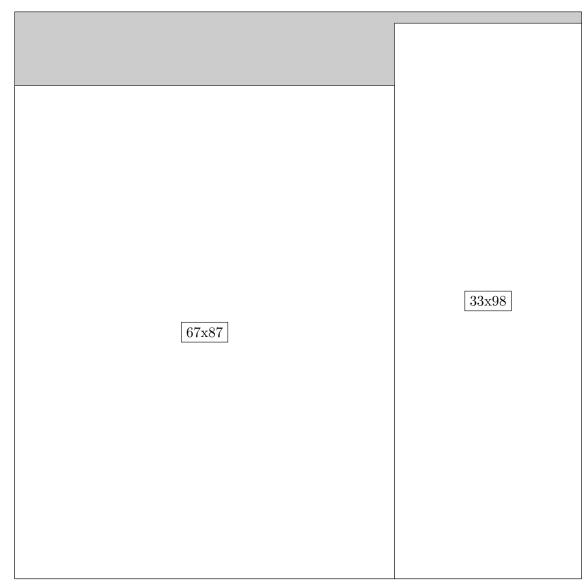


$$\begin{array}{l} w = \! 43 \ , \ h = \! 97 \ , \ x = \! 57 \ , \ y = \! 0 \ , \ v = \! 4171 \\ w = \! 22 \ , \ h = \! 99 \ , \ x = \! 35 \ , \ y = \! 0 \ , \ v = \! 2178 \\ w = \! 23 \ , \ h = \! 71 \ , \ x = \! 12 \ , \ y = \! 0 \ , \ v = \! 1633 \\ w = \! 22 \ , \ h = \! 19 \ , \ x = \! 13 \ , \ y = \! 71 \ , \ v = \! 418 \\ w = \! 6 \ , \ h = \! 73 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 438 \\ w = \! 5 \ , \ h = \! 81 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 405 \end{array}$$



$$\begin{array}{l} w = \! 98 \ , \ h = \! 42 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 4116 \\ w = \! 85 \ , \ h = \! 16 \ , \ x = \! 15 \ , \ y = \! 42 \ , \ v = \! 1360 \end{array}$$

 $\le =79$, h =34 , x =21 , y =58 , v =2686



$$\begin{array}{l} w = \! 33 \ , \ h = \! 98 \ , \ x = \! 67 \ , \ y = \! 0 \ , \ v = \! 3234 \\ w = \! 67 \ , \ h = \! 87 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5829 \end{array}$$