$ClassName: \ Class_10.2bp-21$

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

TypeNum: <u>59</u> Num: <u>60</u> OutS: <u>120000</u> InS: <u>108960</u> Rate: <u>0.908</u> UB: <u>12</u> LB0: <u>12</u>

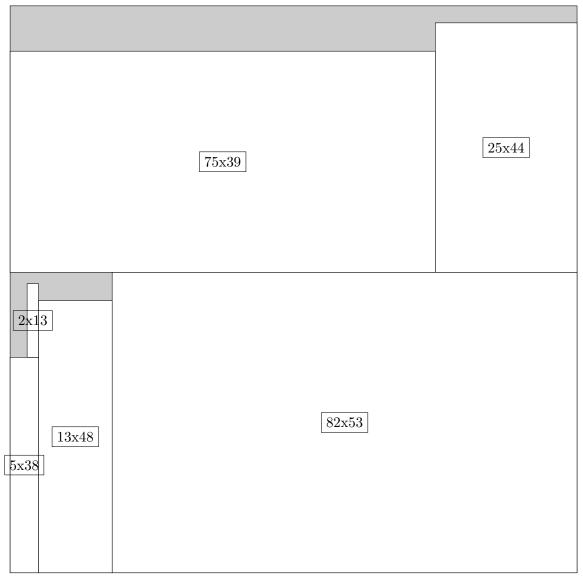
LB: $\underline{\mathbf{12}}$ LBWithCut: $\underline{\mathbf{12}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{12}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

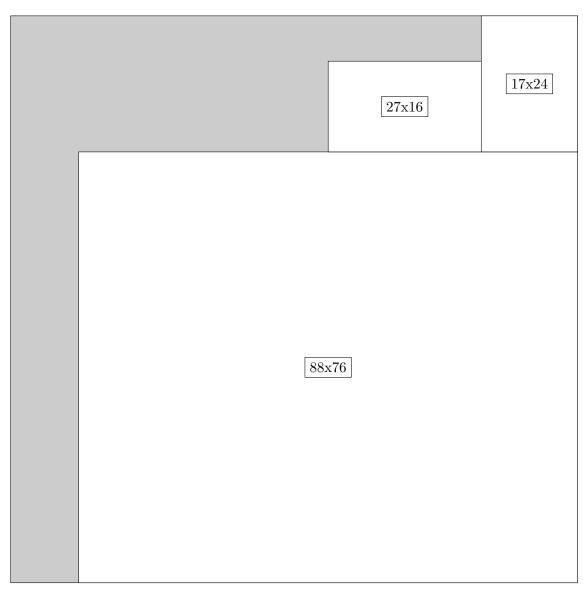
isOpt: **true**

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.094 sTotalTime: 600.360 s



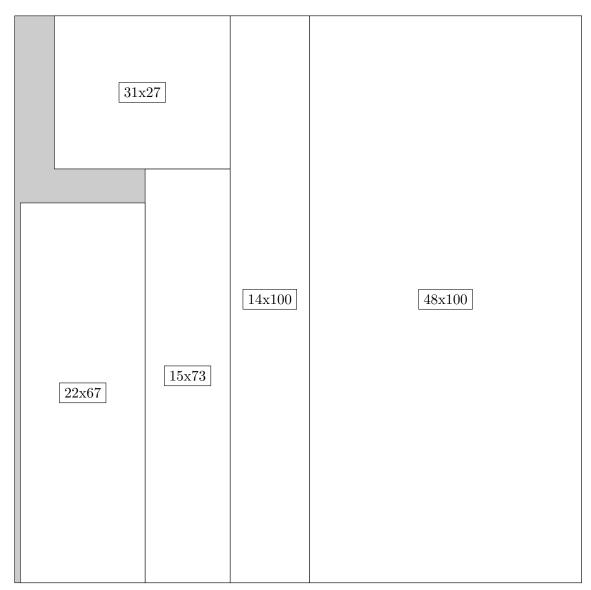
 $\begin{array}{l} w = & 82 \;, \; h = & 53 \;, \; x = & 18 \;, \; y = & 0 \;, \; v = & 4346 \\ w = & 13 \;, \; h = & 48 \;, \; x = & 5 \;, \; y = & 0 \;, \; v = & 624 \\ w = & 5 \;, \; h = & 38 \;, \; x = & 0 \;, \; y = & 0 \;, \; v = & 190 \\ w = & 2 \;, \; h = & 13 \;, \; x = & 3 \;, \; y = & 38 \;, \; v = & 26 \\ w = & 25 \;, \; h = & 44 \;, \; x = & 75 \;, \; y = & 53 \;, \; v = & 1100 \\ w = & 75 \;, \; h = & 39 \;, \; x = & 0 \;, \; y = & 53 \;, \; v = & 2925 \end{array}$



$$w = 88$$
, $h = 76$, $x = 12$, $y = 0$, $v = 6688$

$$\le =17$$
 , h =24 , x =83 , y =76 , v =408

$$\le =27$$
 , h =16 , x =
56 , y =76 , v =432



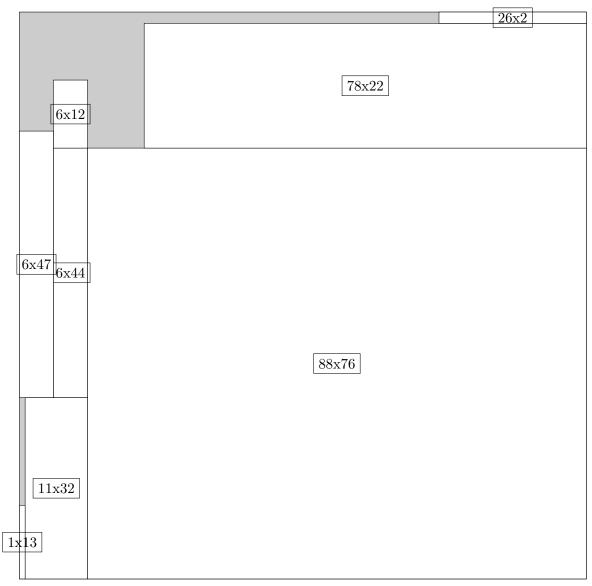
w =48 , h =100 , x =52 , y =0 , v =4800

 $\le =14$, h=100 , x=38 , y=0 , v=1400

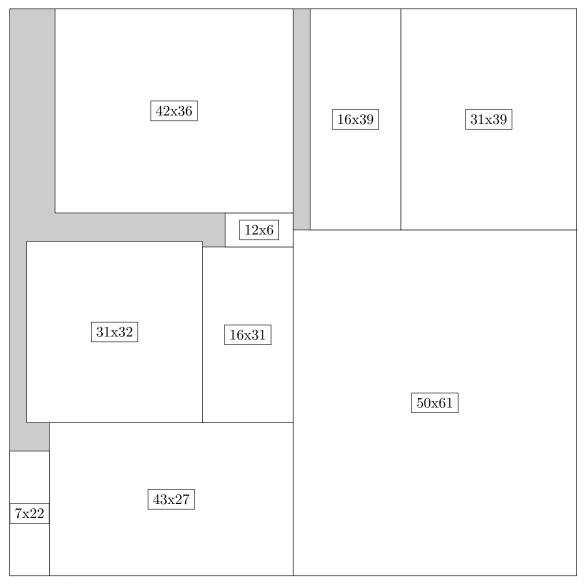
 $\le =15$, h =73 , x =23 , y =0 , v =1095

 $\le =22$, h =67 , x =1 , y =0 , v =1474

w = 31, h = 27, x = 7, y = 73, v = 837



$$\begin{array}{l} w = \! 88 \;, \; h = \! 76 \;, \; x = \! 12 \;, \; y = \! 0 \;, \; v = \! 6688 \\ w = \! 78 \;, \; h = \! 22 \;, \; x = \! 22 \;, \; y = \! 76 \;, \; v = \! 1716 \\ w = \! 26 \;, \; h = \! 2 \;, \; x = \! 74 \;, \; y = \! 98 \;, \; v = \! 52 \\ w = \! 11 \;, \; h = \! 32 \;, \; x = \! 1 \;, \; y = \! 0 \;, \; v = \! 352 \\ w = \! 1 \;, \; h = \! 13 \;, \; x = \! 0 \;, \; y = \! 0 \;, \; v = \! 13 \\ w = \! 6 \;, \; h = \! 44 \;, \; x = \! 6 \;, \; y = \! 32 \;, \; v = \! 264 \\ w = \! 6 \;, \; h = \! 12 \;, \; x = \! 6 \;, \; y = \! 76 \;, \; v = \! 72 \\ w = \! 6 \;, \; h = \! 47 \;, \; x = \! 0 \;, \; y = \! 32 \;, \; v = \! 282 \end{array}$$



$$w = 50$$
, $h = 61$, $x = 50$, $y = 0$, $v = 3050$

$$\le =31$$
 , h =39 , x =69 , y =61 , v =1209

$$\le =16$$
 , h =39 , x =53 , y =61 , v =624

$$\le =43$$
 , h =27 , x =7 , y =0 , v =1161

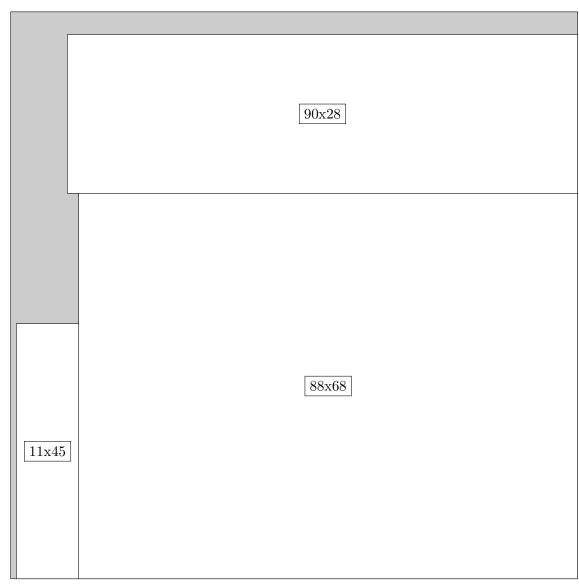
$$\mathbf{w}$$
 =7 , h =22 , x =0 , y =0 , v =154

$$w=\!16$$
 , $h=\!31$, $x=\!34$, $y=\!27$, $v=\!496$

$$w = 12$$
, $h = 6$, $x = 38$, $y = 58$, $v = 72$

$$w = 31$$
, $h = 32$, $x = 3$, $y = 27$, $v = 992$

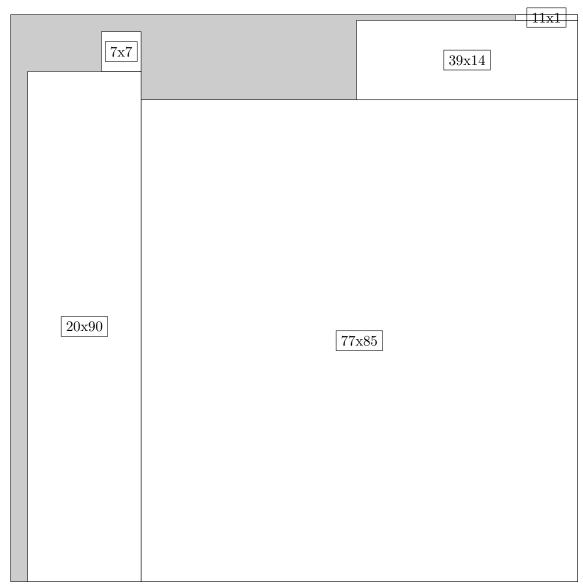
$$w = 42$$
, $h = 36$, $x = 8$, $y = 64$, $v = 1512$

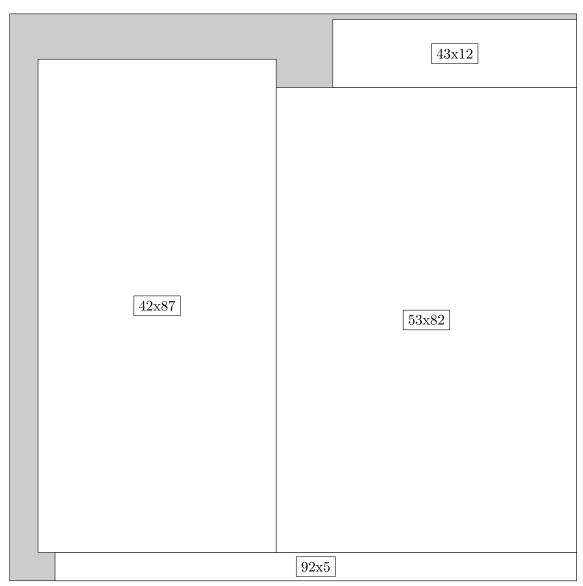


$$w = 88$$
, $h = 68$, $x = 12$, $y = 0$, $v = 5984$

$$\mathbf{w}$$
 =11 , h =45 , x =1 , y =0 , v =495

$$\le =90$$
 , h =28 , x =10 , y =68 , v =2520



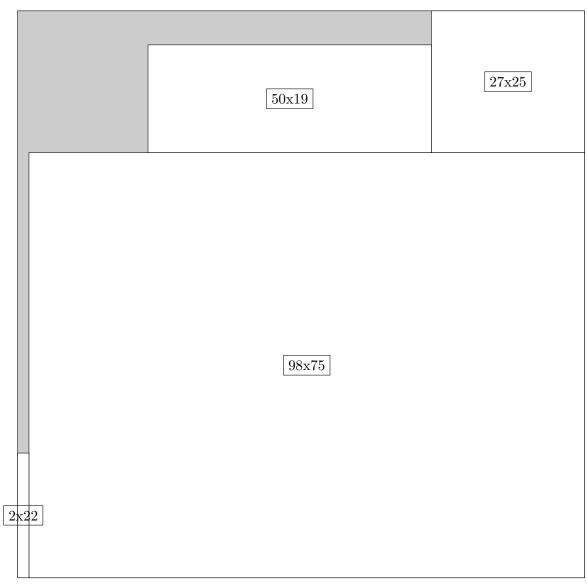


$$\le =92$$
 , h =5 , x =8 , y =0 , v =460

$$\le =53$$
 , h =82 , x =47 , y =5 , v =4346

$$\le =43$$
 , h =12 , x =57 , y =87 , v =516

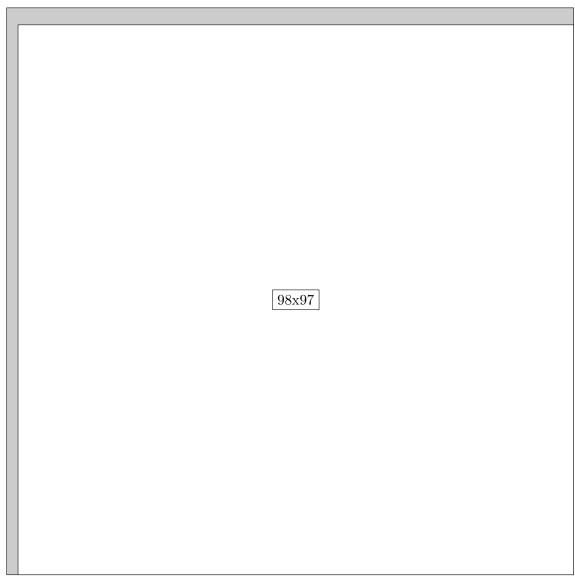
$$\mathbf{w}$$
 =42 , h =87 , x =5 , y =5 , v =3654



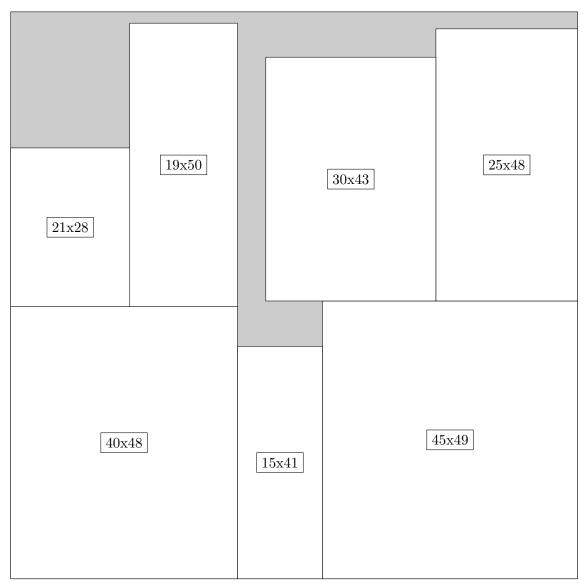
$$\begin{array}{l} w = \! 98 \; , \; h = \! 75 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 7350 \\ w = \! 2 \; , \; h = \! 22 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 44 \end{array}$$

$$\le =27$$
 , h =25 , x =73 , y =75 , v =675

$$w = 50$$
, $h = 19$, $x = 23$, $y = 75$, $v = 950$



 $\le =98$, h =97 , x =2 , y =0 , v =9506



$$\le =45$$
 , $h=49$, $x=55$, $y=0$, $v=2205$

$$w = 15$$
, $h = 41$, $x = 40$, $y = 0$, $v = 615$

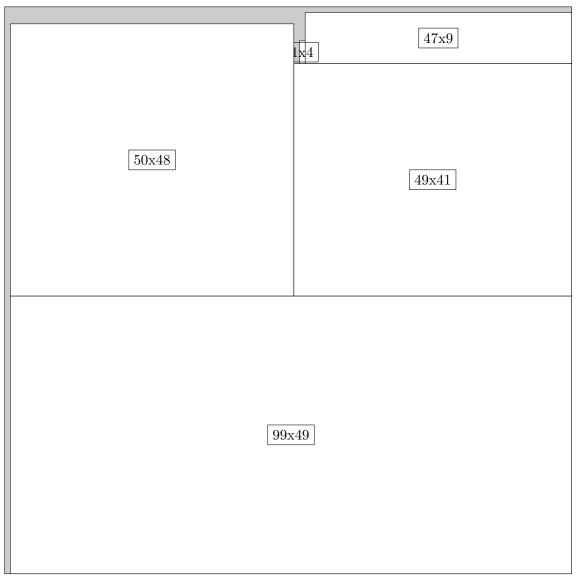
$$\le =25$$
 , h =48 , x =75 , y =49 , v =1200

$$\le =30$$
 , h =43 , x =45 , y =49 , v =1290

$$\mathbf{w}$$
 =40 , h =48 , x =0 , y =0 , v =1920

$$w$$
 =19 , h =50 , x =21 , y =48 , v =950

$$w=\!21$$
 , $h=\!28$, $x=\!0$, $y=\!48$, $v=\!588$



$$w = 99$$
, $h = 49$, $x = 1$, $y = 0$, $v = 4851$

$$\le =49$$
 , h =41 , x =51 , y =49 , v =2009

$$\le =47$$
 , h =9 , x =53 , y =90 , v =423

$$\mathbf{w}$$
 =1 , h =4 , x =52 , y =90 , v =4

$$w = 50$$
, $h = 48$, $x = 1$, $y = 49$, $v = 2400$