$ClassName: \ Class_10.2bp-22$

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>110000</u> InS: <u>102593</u> Rate: <u>0.933</u> UB: <u>11</u>

UB: <u>11</u> LB0: <u>11</u> LB: **11**

LBWithCut: $\underline{\mathbf{11}}$ NodeCut: $\underline{\mathbf{0}}$

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{11}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

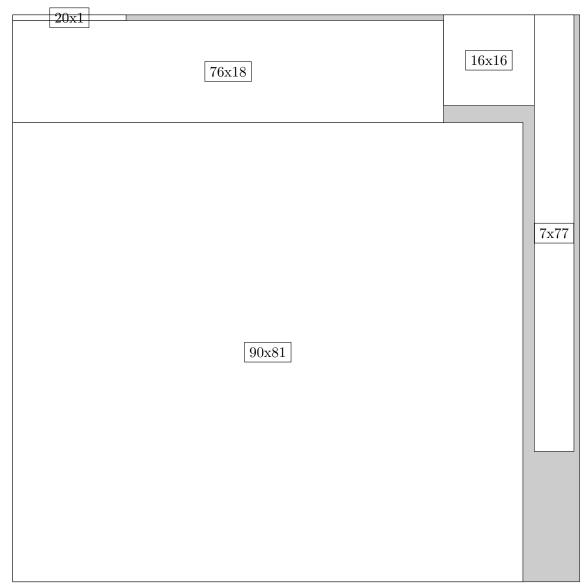
isOpt: **true**

TimeOnInitSolution: $\underline{14.940 \text{ s}}$

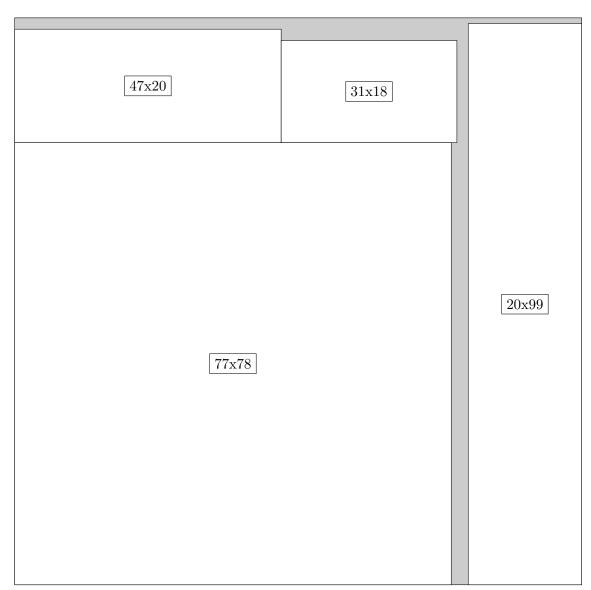
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 15.065 s

39x7	35x7	5x7	
		6x2	29
	94x93		

$$\begin{array}{l} w = 94 \; , \; h = 93 \; , \; x = 0 \; , \; y = 0 \; , \; v = 8742 \\ w = 39 \; , \; h = 7 \; , \; x = 0 \; , \; y = 93 \; , \; v = 273 \\ w = 35 \; , \; h = 7 \; , \; x = 39 \; , \; y = 93 \; , \; v = 245 \\ w = 6 \; , \; h = 29 \; , \; x = 94 \; , \; y = 71 \; , \; v = 174 \\ w = 5 \; , \; h = 7 \; , \; x = 74 \; , \; y = 93 \; , \; v = 35 \end{array}$$



$$\begin{array}{l} w = & 90 \ , \ h = & 81 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 7290 \\ w = & 76 \ , \ h = & 18 \ , \ x = & 0 \ , \ y = & 81 \ , \ v = & 1368 \\ w = & 7 \ , \ h = & 77 \ , \ x = & 92 \ , \ y = & 23 \ , \ v = & 539 \\ w = & 16 \ , \ h = & 16 \ , \ x = & 76 \ , \ y = & 84 \ , \ v = & 256 \\ w = & 20 \ , \ h = & 1 \ , \ x = & 0 \ , \ y = & 99 \ , \ v = & 20 \end{array}$$

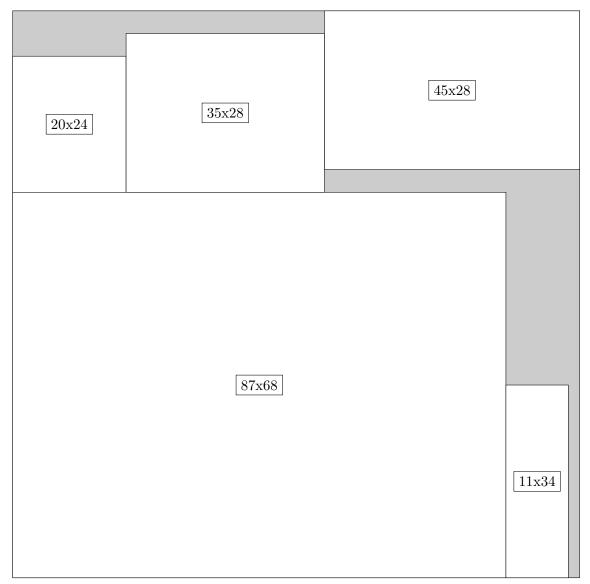


$$\mathbf{w}$$
 =77 , \mathbf{h} =78 , \mathbf{x} =0 , \mathbf{y} =0 , \mathbf{v} =6006

$$\le =20$$
 , h =99 , x =80 , y =0 , v =1980

$$\le =47$$
 , h =20 , x =0 , y =78 , v =940

$$w$$
 =31 , h =18 , x =47 , y =78 , v =558



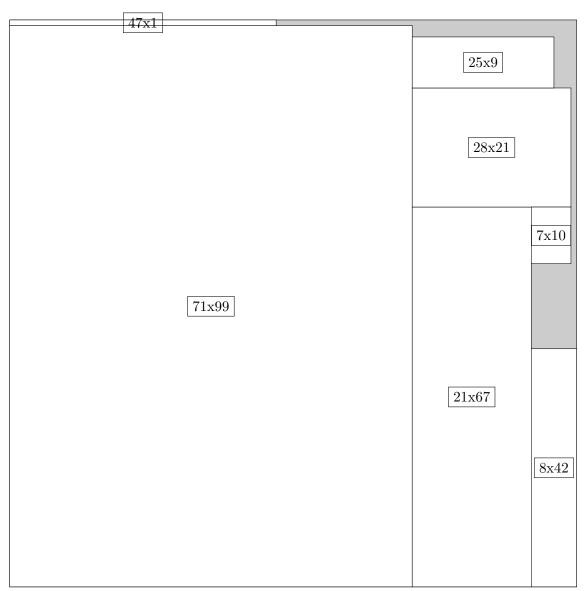
$$w = 20$$
, $h = 24$, $x = 0$, $y = 68$, $v = 480$

$$\le =87$$
 , $h=68$, $x=0$, $y=0$, $v=5916$

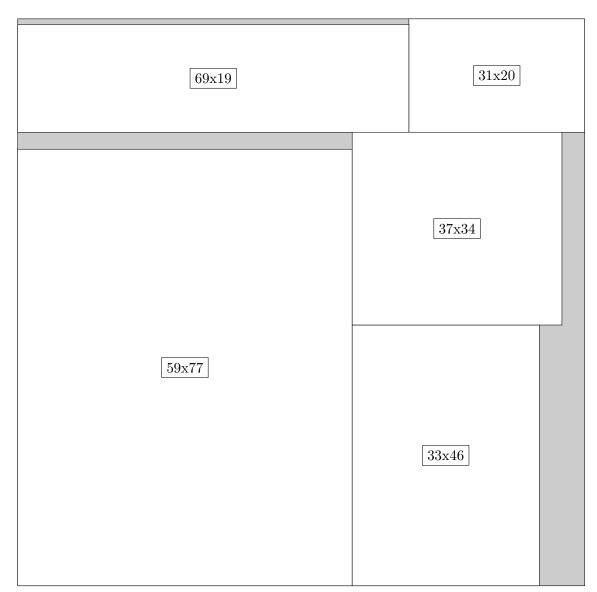
$$\le =35$$
 , h =28 , x =20 , y =68 , v =980

$$\le =45$$
 , h =28 , x =55 , y =72 , v =1260

$$\mathbf{w}$$
 =11 , h =34 , x =87 , y =0 , v =374



$$\begin{array}{l} w=71\ ,\ h=99\ ,\ x=0\ ,\ y=0\ ,\ v=7029\\ w=21\ ,\ h=67\ ,\ x=71\ ,\ y=0\ ,\ v=1407\\ w=28\ ,\ h=21\ ,\ x=71\ ,\ y=67\ ,\ v=588\\ w=8\ ,\ h=42\ ,\ x=92\ ,\ y=0\ ,\ v=336\\ w=25\ ,\ h=9\ ,\ x=71\ ,\ y=88\ ,\ v=225\\ w=7\ ,\ h=10\ ,\ x=92\ ,\ y=57\ ,\ v=70\\ w=47\ ,\ h=1\ ,\ x=0\ ,\ y=99\ ,\ v=47\\ \end{array}$$



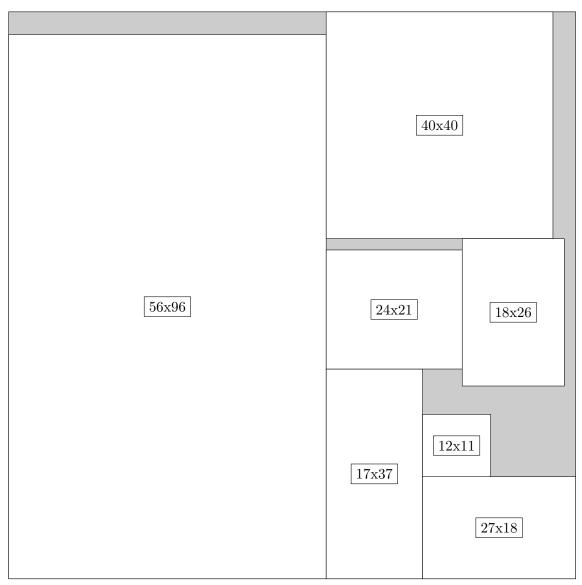
$$\mathbf{w}$$
 =59 , h =77 , x =0 , y =0 , v =4543

$$\le =33$$
 , h =46 , x =59 , y =0 , v =1518

$$\le =37$$
 , h =34 , x =59 , y =46 , v =1258

$$\le =31$$
 , h =20 , x =69 , y =80 , v =620

$$\le =69$$
 , $h=19$, $x=0$, $y=80$, $v=1311$



$$w = 56$$
, $h = 96$, $x = 0$, $y = 0$, $v = 5376$

$$w$$
 =40 , h =40 , x =56 , y =60 , v =1600

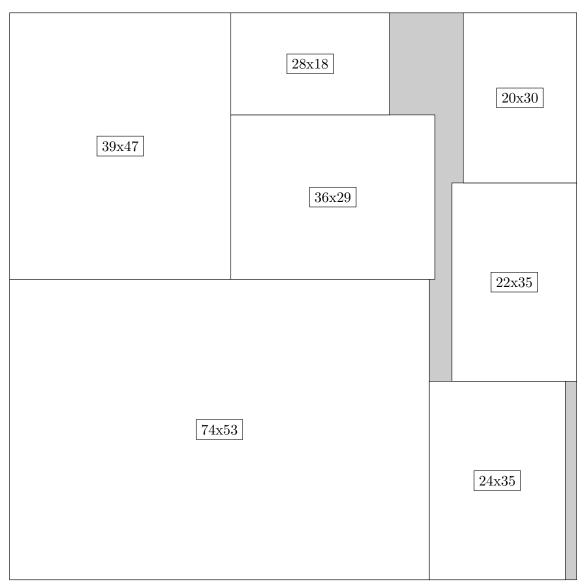
$$\le =17$$
 , h =37 , x =56 , y =0 , v =629

$$w$$
 =24 , h =21 , x =
56 , y =37 , v =
504

$$\le =27$$
 , $h=18$, $x=73$, $y=0$, $v=486$

$$\le =18$$
 , $h=26$, $x=80$, $y=34$, $v=468$

$$w$$
 =12 , h =11 , x =73 , y =18 , v =132



$$w = 74$$
, $h = 53$, $x = 0$, $y = 0$, $v = 3922$

$$w = 39$$
, $h = 47$, $x = 0$, $y = 53$, $v = 1833$

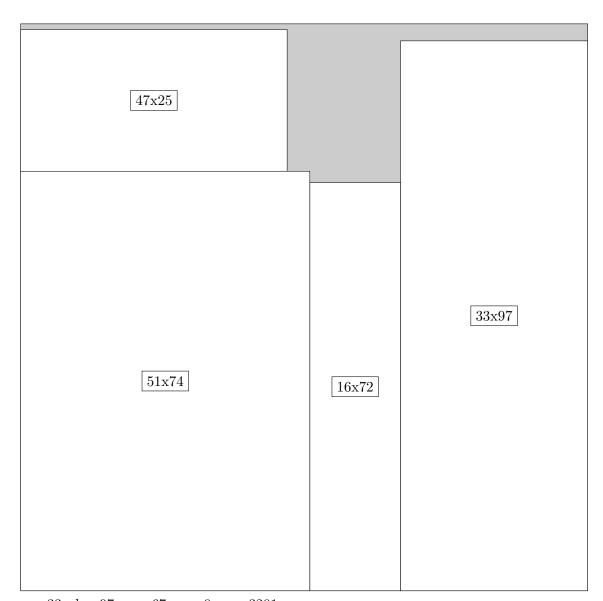
$$\le =22$$
 , h =35 , x =78 , y =35 , v =770

$$\le =36$$
 , h =29 , x =39 , y =53 , v =1044

$$\le =24$$
 , h =35 , x =74 , y =0 , v =840

$$\le =20$$
 , $h=30$, $x=80$, $y=70$, $v=600$

$$w=\!28$$
 , $h=\!18$, $x=\!39$, $y=\!82$, $v=\!504$

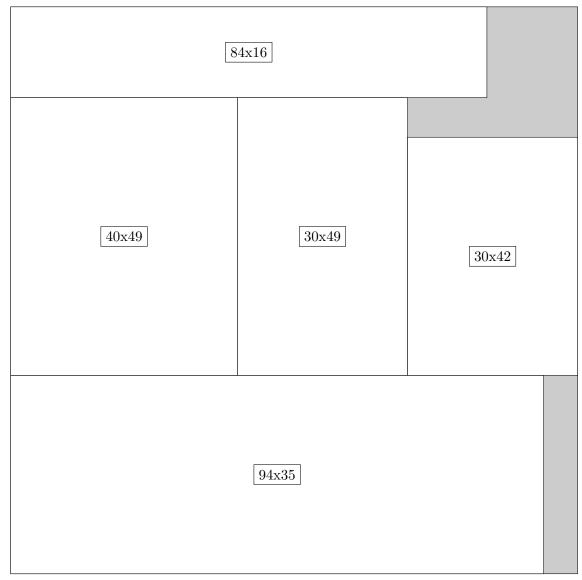


$$\le =33$$
 , $h=97$, $x=67$, $y=0$, $v=3201$

$$\le =47$$
 , h =25 , x =0 , y =74 , v =1175

$$\mathbf{w}$$
 =16 , h =72 , x =51 , y =0 , v =1152

$$\mathbf{w}$$
 =51 , h =74 , x =0 , y =0 , v =3774



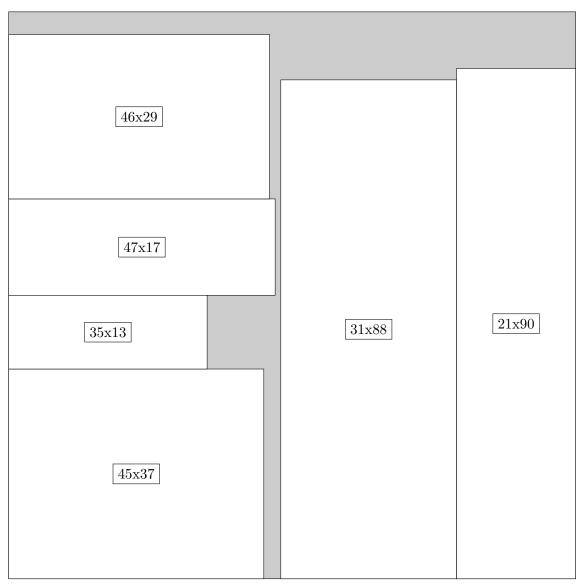
$$w=94$$
 , $h=35$, $x=0$, $y=0$, $v=3290$

$$\le =40$$
 , h =49 , x =0 , y =35 , v =1960

$$\le =30$$
 , h =49 , x =40 , y =35 , v =1470

$$\le =84$$
 , h =16 , x =0 , y =84 , v =1344

$$w$$
 =30 , h =42 , x =70 , y =35 , v =1260



$$\le =31$$
 , $h=88$, $x=48$, $y=0$, $v=2728$

$$\le =21$$
 , h =90 , x =79 , y =0 , v =1890

$$\le =45$$
 , h =37 , x =0 , y =0 , v =1665

$$\mathbf{w}$$
 =47 , h =17 , x =0 , y =50 , v =799

$$\le =46$$
 , h =29 , x =0 , y =67 , v =1334

$$\le =35$$
 , $h=13$, $x=0$, $y=37$, $v=455$