${\bf ClassName:}~{\bf Class_10.2bp\text{-}33}$

BinSize: 100×100 ReduceSize: 100×100

TypeNum: 79 Num: **80** OutS: 140000InS: 129404Rate: $\underline{\mathbf{0.924}}$ UB: <u>14</u>

LB0: <u>14</u> LB: **14**

LBWithCut: 14 NodeCut: 0

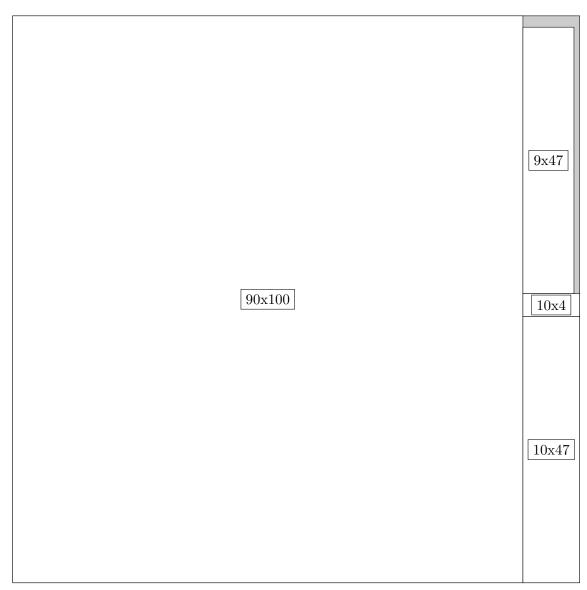
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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

isOpt: $\underline{\mathbf{true}}$

TimeOnInitSolution: $\underline{120.020 \text{ s}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 s TimeOnRmp: 0.078 sTotal Time: 120.160 s

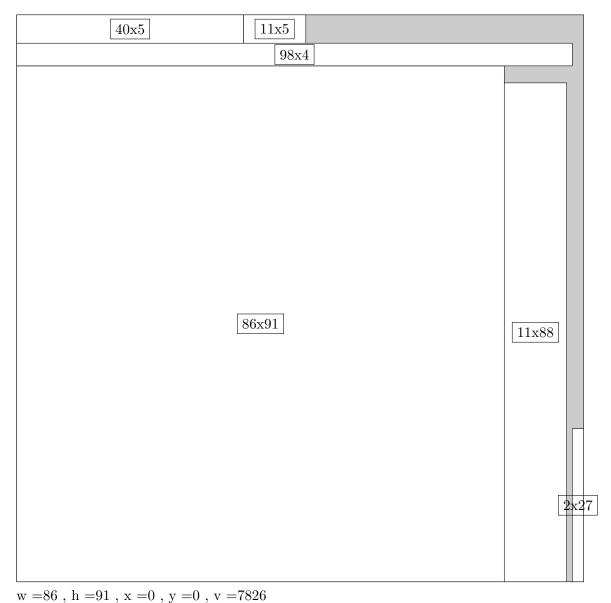


$$w = 90$$
, $h = 100$, $x = 0$, $y = 0$, $v = 9000$

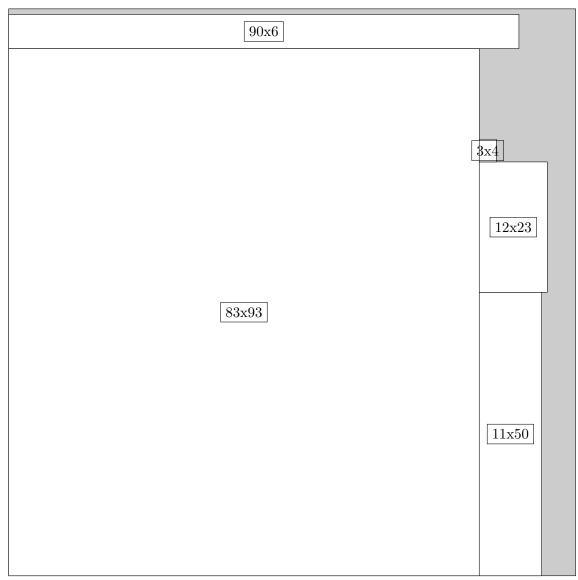
$$w = 10$$
, $h = 47$, $x = 90$, $y = 0$, $v = 470$

$$\le =9$$
 , h =47 , x =90 , y =51 , v =423

$$w=\!10$$
 , $h=\!4$, $x=\!90$, $y=\!47$, $v=\!40$



w =2 , h =27 , x =98 , y =0 , v =54



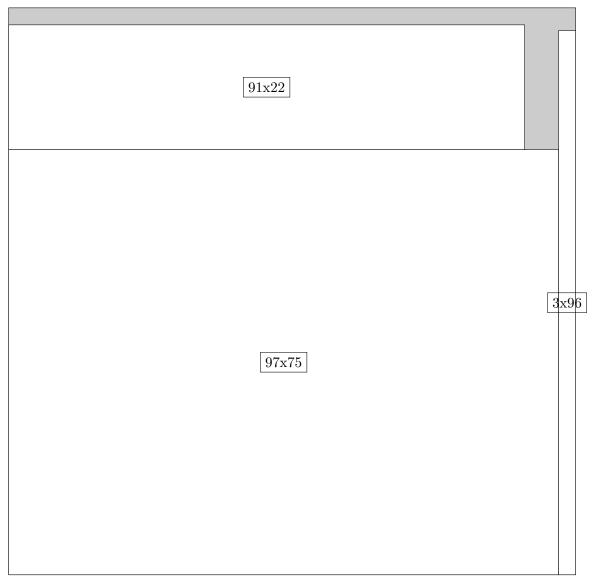
$$\le =83$$
 , $h=93$, $x=0$, $y=0$, $v=7719$

$$\le =11$$
 , h =50 , x =83 , y =0 , v =550

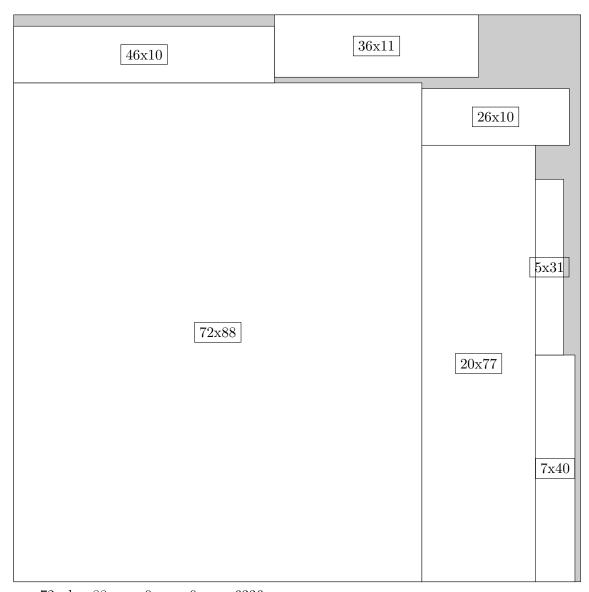
$$\le =90$$
 , $h=6$, $x=0$, $y=93$, $v=540$

$$w$$
 =12 , h =23 , x =83 , y =50 , v =276

$$w = 3$$
, $h = 4$, $x = 83$, $y = 73$, $v = 12$



$$\begin{array}{l} w = \! 97 \ , \ h = \! 75 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7275 \\ w = \! 91 \ , \ h = \! 22 \ , \ x = \! 0 \ , \ y = \! 75 \ , \ v = \! 2002 \\ w = \! 3 \ , \ h = \! 96 \ , \ x = \! 97 \ , \ y = \! 0 \ , \ v = \! 288 \end{array}$$



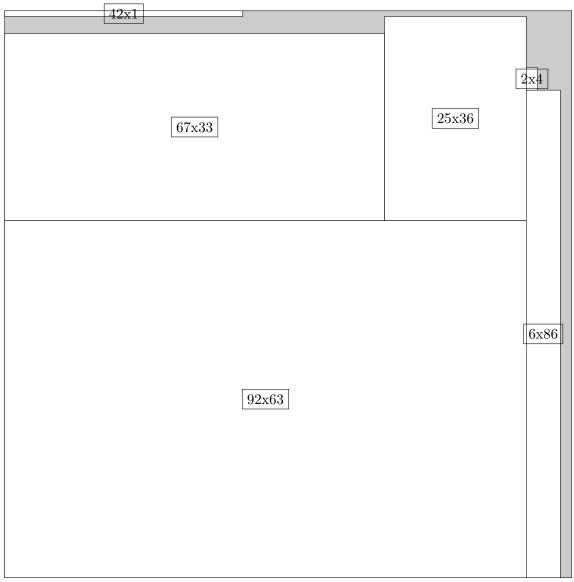
$$\begin{array}{l} w = \!\!\! 72 \ , \ h = \!\!\! 88 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 6336 \\ w = \!\!\! 20 \ , \ h = \!\!\! 77 \ , \ x = \!\!\! 72 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 1540 \end{array}$$

$$w = 36$$
, $h = 11$, $x = 46$, $y = 89$, $v = 396$

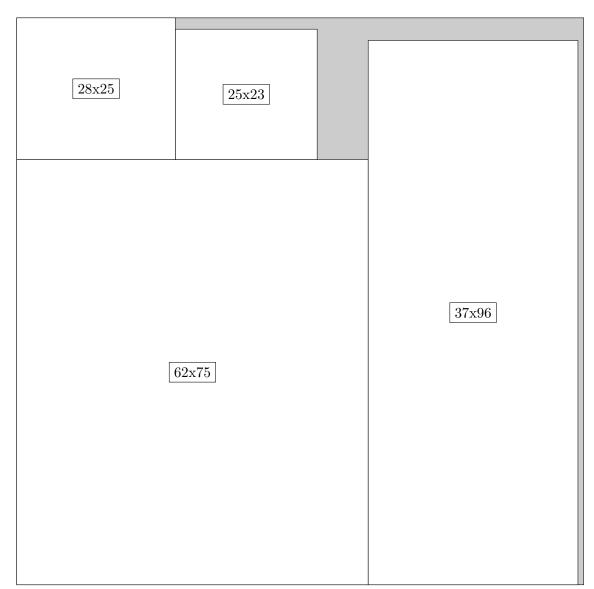
$$w = 50$$
, $h = 11$, $x = 40$, $y = 63$, $v = 280$
 $w = 7$, $h = 40$, $x = 92$, $y = 0$, $v = 280$

$$w = 26$$
, $h = 10$, $x = 72$, $y = 77$, $v = 260$

$$w = 5$$
, $h = 31$, $x = 92$, $y = 40$, $v = 155$



$$\begin{array}{l} w = 92 \; , \; h = 63 \; , \; x = 0 \; , \; y = 0 \; , \; v = 5796 \\ w = 67 \; , \; h = 33 \; , \; x = 0 \; , \; y = 63 \; , \; v = 2211 \\ w = 25 \; , \; h = 36 \; , \; x = 67 \; , \; y = 63 \; , \; v = 900 \\ w = 6 \; , \; h = 86 \; , \; x = 92 \; , \; y = 0 \; , \; v = 516 \\ w = 42 \; , \; h = 1 \; , \; x = 0 \; , \; y = 99 \; , \; v = 42 \\ w = 2 \; , \; h = 4 \; , \; x = 92 \; , \; y = 86 \; , \; v = 8 \end{array}$$

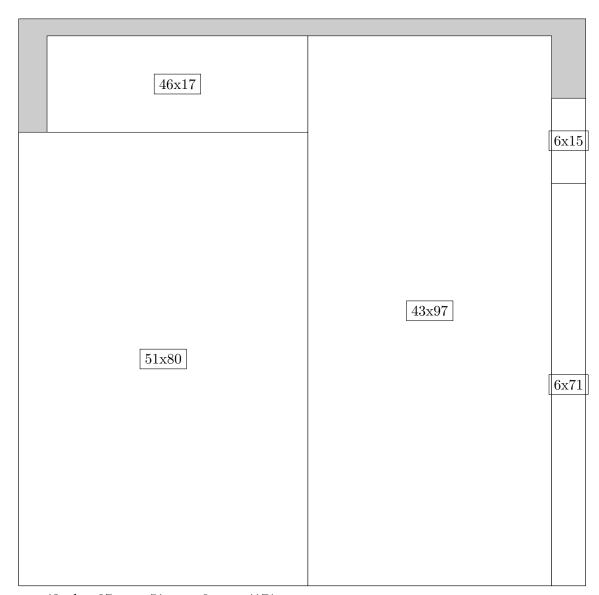


$$\le =62$$
 , h =75 , x =0 , y =0 , v =4650

$$\le =37$$
 , h =96 , x =62 , y =0 , v =3552

$$\le =28$$
 , h =25 , x =0 , y =75 , v =700

$$w$$
 =25 , h =23 , x =28 , y =75 , v =575



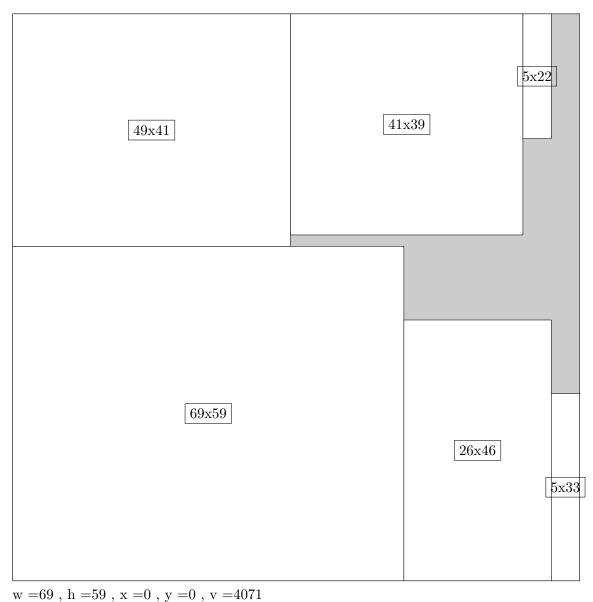
$$\le =43$$
 , h =97 , x =51 , y =0 , v =4171

$$\mathbf{w}$$
 =51 , h =80 , x =0 , y =0 , v =4080

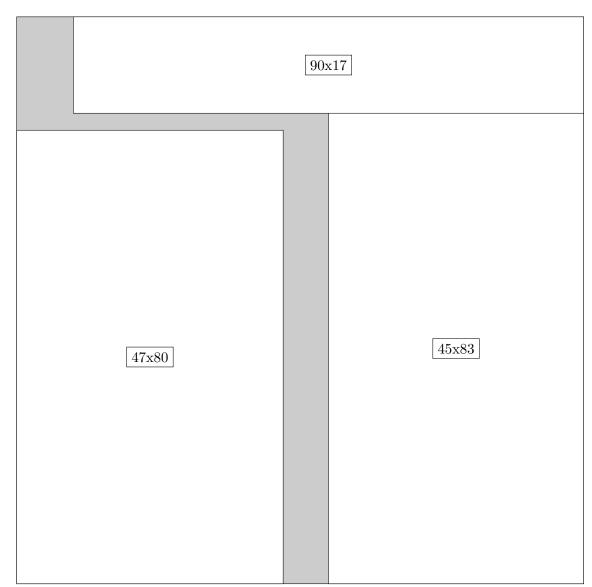
$$\mathbf{w}=\!\!46$$
 , $\mathbf{h}=\!\!17$, $\mathbf{x}=\!\!5$, $\mathbf{y}=\!\!80$, $\mathbf{v}=\!\!782$

$$\mathbf{w}$$
 =6 , h =71 , x =94 , y =0 , v =426

$$\mathbf{w}$$
 =6 , h =15 , x =94 , y =71 , v =90



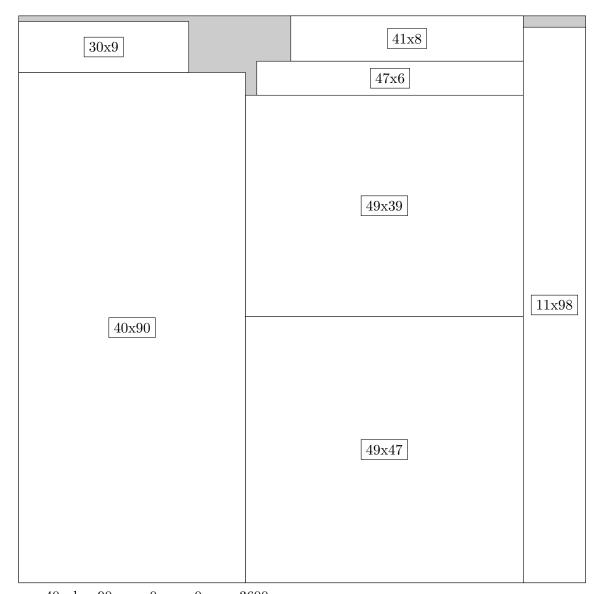
 $\begin{array}{l} w = 5 \ , \ h = 33 \ , \ x = 95 \ , \ y = 0 \ , \ v = 165 \\ w = 5 \ , \ h = 22 \ , \ x = 90 \ , \ y = 78 \ , \ v = 110 \end{array}$



$$\le =47$$
 , h =80 , x =0 , y =0 , v =3760

$$\le =45$$
 , h =83 , x =55 , y =0 , v =3735

$$\le =90$$
 , h =17 , x =10 , y =83 , v =1530



$$\le =40$$
 , h =90 , x =0 , y =0 , v =3600

$$w=\!11$$
 , $h=\!98$, $x=\!89$, $y=\!0$, $v=\!1078$

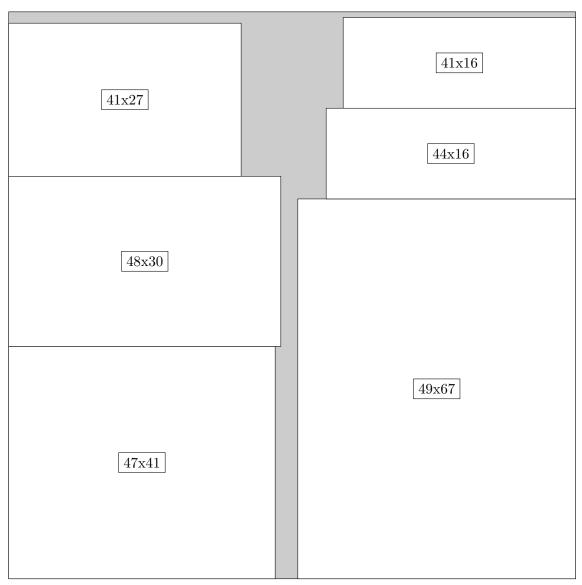
$$\le =49$$
 , h =47 , x =40 , y =0 , v =2303

$$\mathbf{w}$$
 =49 , h =39 , x =40 , y =47 , v =1911

$$\le =41$$
 , h =8 , x =48 , y =92 , v =328

$$\le =47$$
 , h =6 , x =42 , y =86 , v =282

$$w = 30$$
, $h = 9$, $x = 0$, $y = 90$, $v = 270$



$$w = 47$$
, $h = 41$, $x = 0$, $y = 0$, $v = 1927$

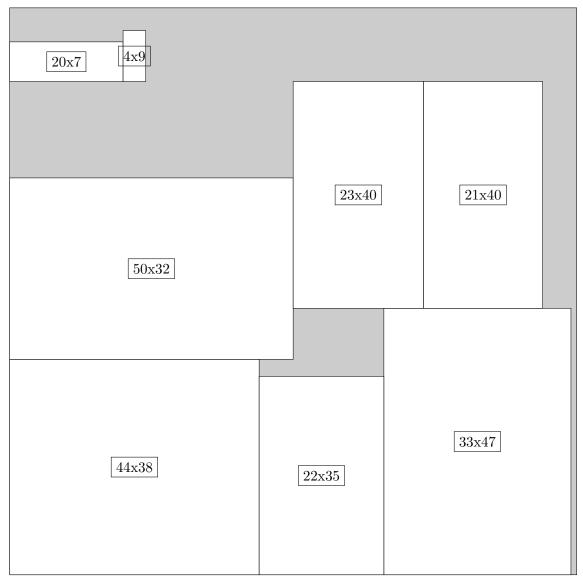
$$w = 48$$
, $h = 30$, $x = 0$, $y = 41$, $v = 1440$

$$\mathbf{w}$$
 =41 , h =27 , x =0 , y =71 , v =1107

$$\le =49$$
 , h =67 , x =51 , y =0 , v =3283

$$w=\!44$$
 , $h=\!16$, $x=\!56$, $y=\!67$, $v=\!704$

$$w$$
 =41 , h =16 , x =59 , y =83 , v =656



$$w = 44$$
, $h = 38$, $x = 0$, $y = 0$, $v = 1672$

$$w$$
 =50 , h =32 , x =0 , y =38 , v =1600

$$\le =33$$
 , h =47 , x =66 , y =0 , v =1551

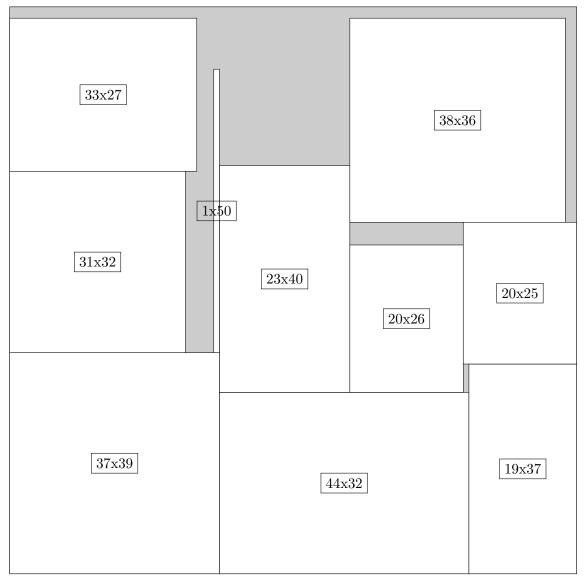
$$w = 23$$
, $h = 40$, $x = 50$, $y = 47$, $v = 920$

$$w=\!21$$
 , $h=\!40$, $x=\!73$, $y=\!47$, $v=\!840$

$$\le =22$$
 , h =35 , x =44 , y =0 , v =770

$$\mathbf{w}$$
 =20 , h =7 , x =0 , y =87 , v =140

$$\mathbf{w}$$
 =4 , h =9 , x =20 , y =87 , v =36



$$w = 37$$
, $h = 39$, $x = 0$, $y = 0$, $v = 1443$

$$w = 44$$
, $h = 32$, $x = 37$, $y = 0$, $v = 1408$

$$w = 23$$
, $h = 40$, $x = 37$, $y = 32$, $v = 920$

$$w = 31$$
, $h = 32$, $x = 0$, $y = 39$, $v = 992$

$$w = 38$$
, $h = 36$, $x = 60$, $y = 62$, $v = 1368$

$$\mathbf{w}$$
 =33 , h =27 , x =0 , y =71 , v =891

$$w = 19$$
, $h = 37$, $x = 81$, $y = 0$, $v = 703$

$$w = 20$$
, $h = 26$, $x = 60$, $y = 32$, $v = 520$

$$w = 20$$
, $h = 25$, $x = 80$, $y = 37$, $v = 500$

$$w = 1$$
, $h = 50$, $x = 36$, $y = 39$, $v = 50$