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

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

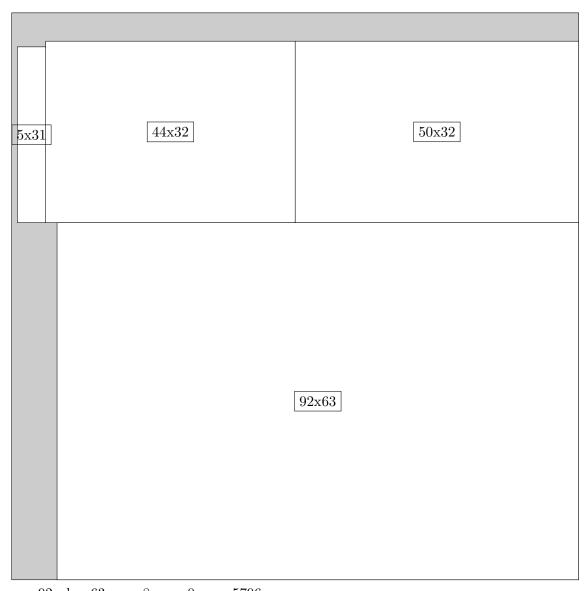
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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

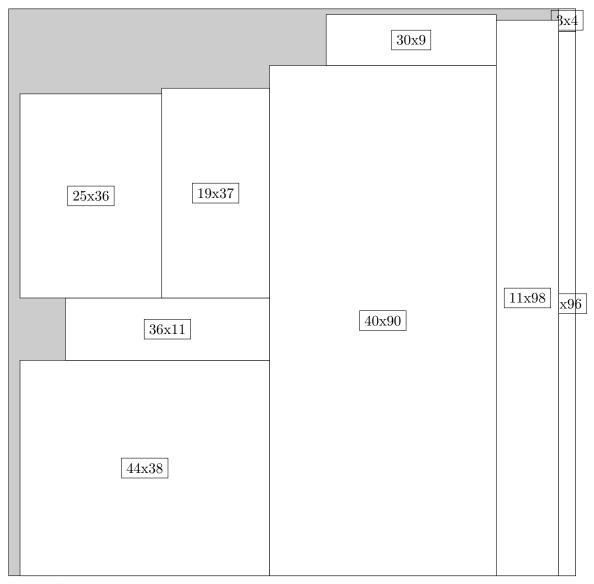
TimeOnInitSolution: $\underline{600.000 \text{ s}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 s TimeOnRmp: 0.078 sTotal Time: 600.344 s

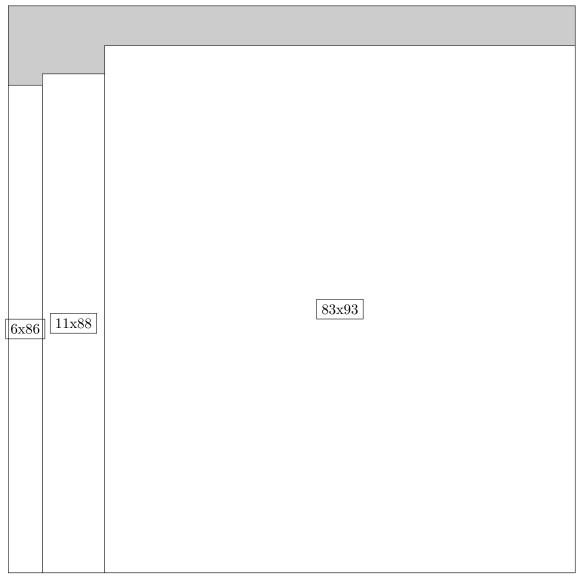


$$w = 92$$
, $h = 63$, $x = 8$, $y = 0$, $v = 5796$
 $w = 50$, $h = 32$, $x = 50$, $y = 63$, $v = 1600$

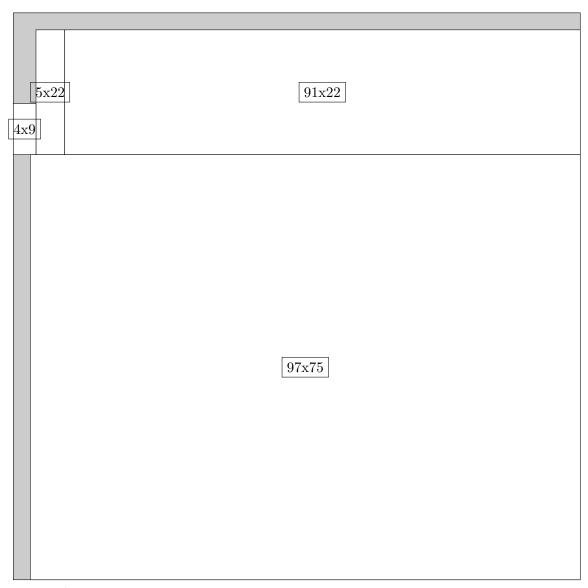
$$\begin{array}{l} w = \!\! 44 \ , \ h = \!\! 32 \ , \ x = \!\! 6 \ , \ y = \!\! 63 \ , \ v = \!\! 1408 \\ w = \!\! 5 \ , \ h = \!\! 31 \ , \ x = \!\! 1 \ , \ y = \!\! 63 \ , \ v = \!\! 155 \end{array}$$



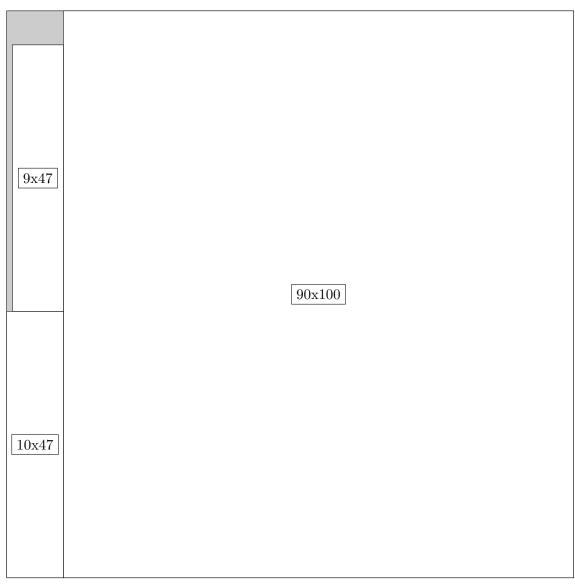
$$\begin{array}{l} w=3 \;,\; h=96 \;,\; x=97 \;,\; y=0 \;,\; v=288 \\ w=3 \;,\; h=4 \;,\; x=97 \;,\; y=96 \;,\; v=12 \\ w=11 \;,\; h=98 \;,\; x=86 \;,\; y=0 \;,\; v=1078 \\ w=40 \;,\; h=90 \;,\; x=46 \;,\; y=0 \;,\; v=3600 \\ w=30 \;,\; h=9 \;,\; x=56 \;,\; y=90 \;,\; v=270 \\ w=44 \;,\; h=38 \;,\; x=2 \;,\; y=0 \;,\; v=1672 \\ w=36 \;,\; h=11 \;,\; x=10 \;,\; y=38 \;,\; v=396 \\ w=19 \;,\; h=37 \;,\; x=27 \;,\; y=49 \;,\; v=703 \\ w=25 \;,\; h=36 \;,\; x=2 \;,\; y=49 \;,\; v=900 \end{array}$$



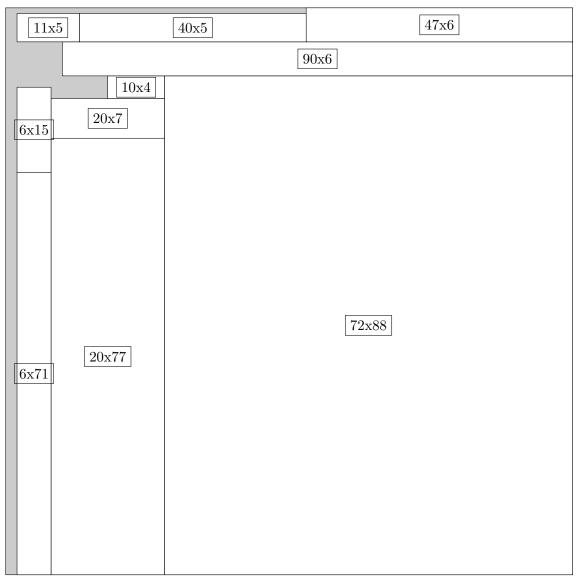
 $\begin{array}{l} w = \! 83 \ , \ h = \! 93 \ , \ x = \! 17 \ , \ y = \! 0 \ , \ v = \! 7719 \\ w = \! 11 \ , \ h = \! 88 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 968 \\ w = \! 6 \ , \ h = \! 86 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 516 \end{array}$



$$\begin{array}{l} w = \! 97 \ , \ h = \! 75 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 7275 \\ w = \! 91 \ , \ h = \! 22 \ , \ x = \! 9 \ , \ y = \! 75 \ , \ v = \! 2002 \\ w = \! 5 \ , \ h = \! 22 \ , \ x = \! 4 \ , \ y = \! 75 \ , \ v = \! 110 \\ w = \! 4 \ , \ h = \! 9 \ , \ x = \! 0 \ , \ y = \! 75 \ , \ v = \! 36 \end{array}$$



$$\begin{array}{l} w = & 90 \ , \ h = & 100 \ , \ x = & 10 \ , \ y = & 0 \ , \ v = & 9000 \\ w = & 10 \ , \ h = & 47 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 470 \\ w = & 9 \ , \ h = & 47 \ , \ x = & 1 \ , \ y = & 47 \ , \ v = & 423 \end{array}$$



$$w = 10$$
, $h = 4$, $x = 18$, $y = 84$, $v = 40$

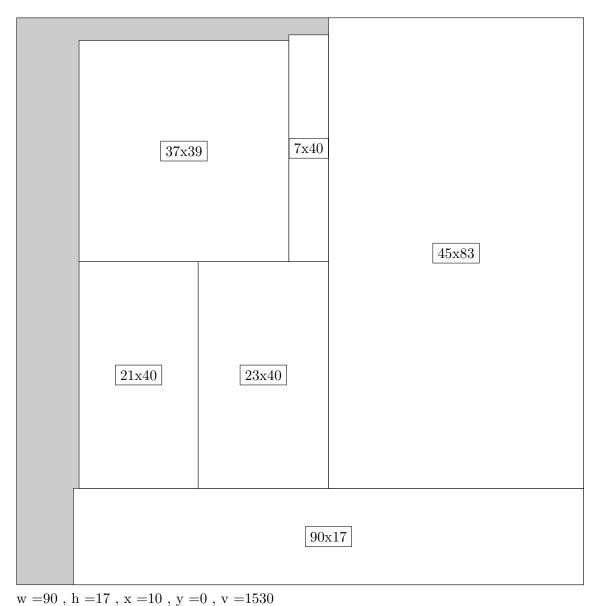
$$\mathbf{w}$$
 =6 , h =71 , x =2 , y =0 , v =426

$$w = 6$$
, $h = 15$, $x = 2$, $y = 71$, $v = 90$

$$w = 90$$
, $h = 6$, $x = 10$, $y = 88$, $v = 540$

$$\le =47$$
 , h =6 , x =53 , y =94 , v =282

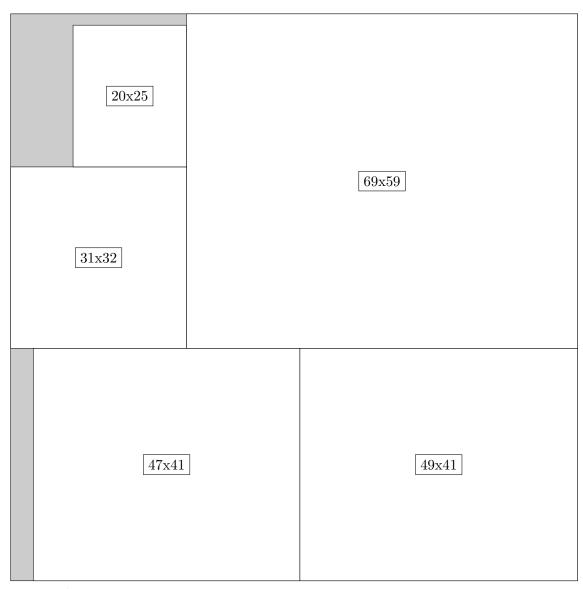
$$\mathbf{w}$$
 =40 , h =5 , x =13 , y =94 , v =200



$$w$$
 =21 , h =40 , x =11 , y =17 , v =840

$$w$$
 =7 , h =40 , x =48 , y =57 , v =280

$$\le =37$$
 , h =39 , x =11 , y =57 , v =1443



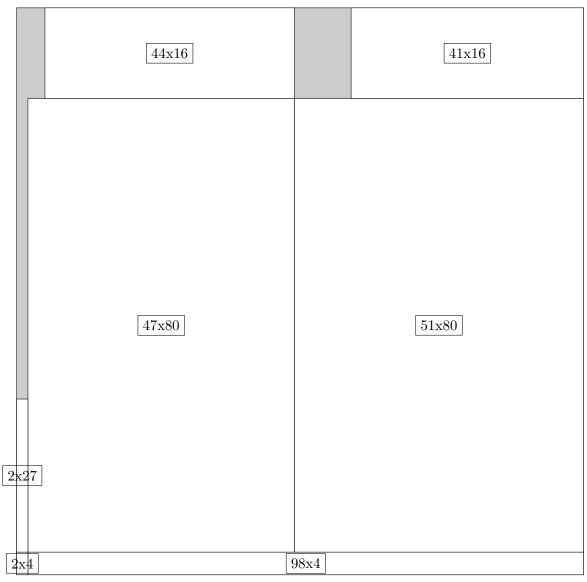
$$\le =49$$
 , h =41 , x =51 , y =0 , v =2009

$$\mathbf{w}=\!\!47$$
 , $\mathbf{h}=\!\!41$, $\mathbf{x}=\!\!4$, $\mathbf{y}=\!\!0$, $\mathbf{v}=\!\!1927$

$$\le =69$$
 , h =59 , x =31 , y =41 , v =4071

$$\le =31$$
 , h =32 , x =0 , y =41 , v =992

$$w$$
 =20 , h =25 , x =11 , y =73 , v =500



$$w = 98$$
, $h = 4$, $x = 2$, $y = 0$, $v = 392$

$$\mathbf{w}$$
 =2 , h =4 , x =0 , y =0 , v =8

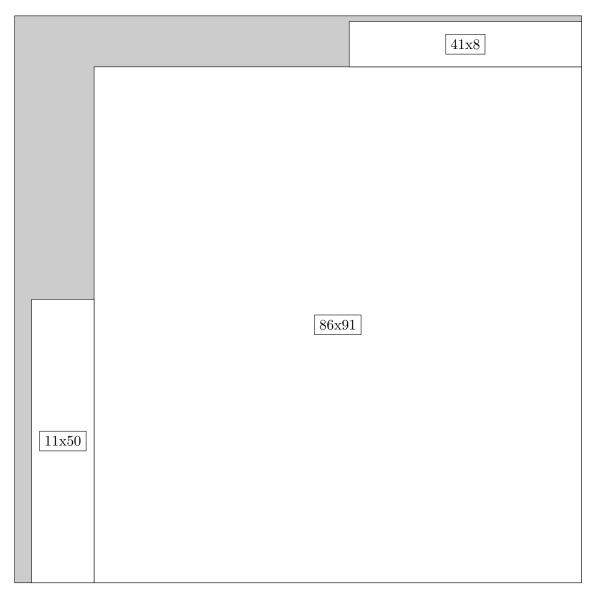
$$\le =51$$
 , h =80 , x =49 , y =4 , v =4080

$$\le =41$$
 , $h=16$, $x=59$, $y=84$, $v=656$

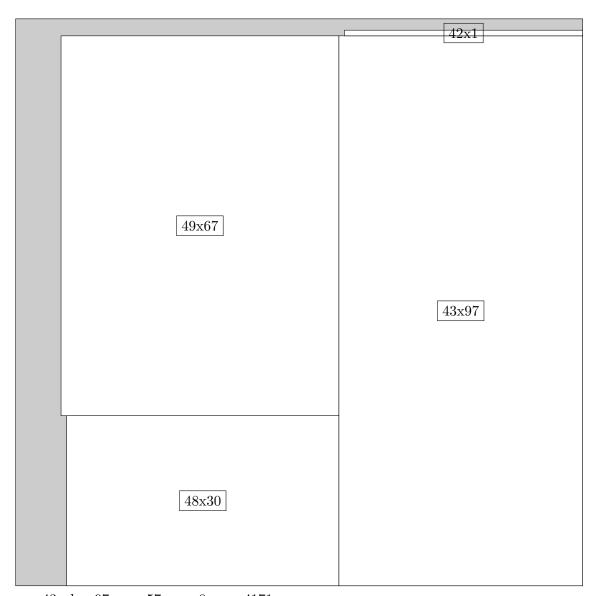
$$\le =47$$
 , $h=\!80$, $x=\!2$, $y=\!4$, $v=\!3760$

$$w$$
 =2 , h =27 , x =0 , y =4 , v =54

$$\le =44$$
 , $h=16$, $x=5$, $y=84$, $v=704$



 $\begin{array}{l} w = \!\!86 \ , \ h = \!\!91 \ , \ x = \!\!14 \ , \ y = \!\!0 \ , \ v = \!\!7826 \\ w = \!\!11 \ , \ h = \!\!50 \ , \ x = \!\!3 \ , \ y = \!\!0 \ , \ v = \!\!550 \\ w = \!\!41 \ , \ h = \!\!8 \ , \ x = \!\!59 \ , \ y = \!\!91 \ , \ v = \!\!328 \end{array}$

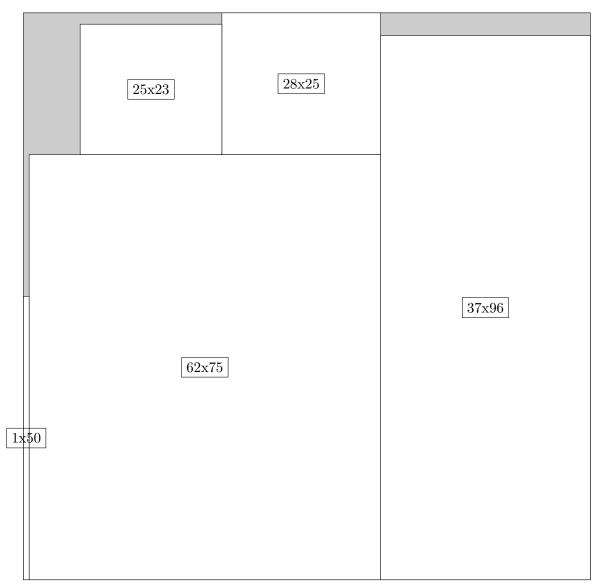


$$\le =43$$
 , $h=97$, $x=57$, $y=0$, $v=4171$

$$\le =42$$
 , h =1 , x =58 , y =97 , v =42

$$\le =48$$
 , h =30 , x =9 , y =0 , v =1440

$$\le =49$$
 , h =67 , x =8 , y =30 , v =3283

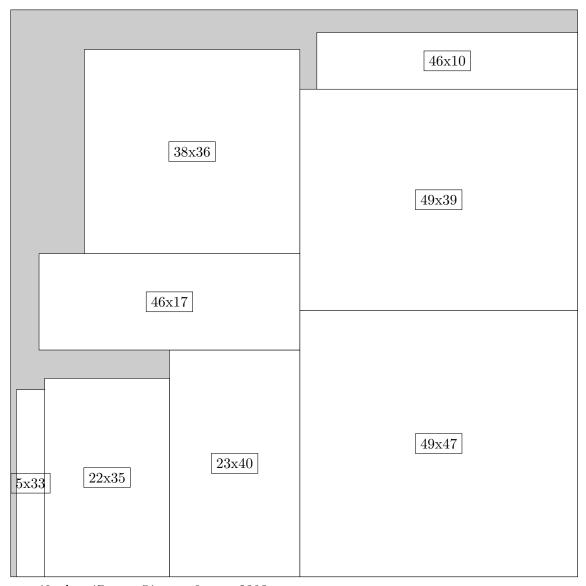


$$\begin{array}{l} w = \!\! 37 \ , \ h = \!\! 96 \ , \ x = \!\! 63 \ , \ y = \!\! 0 \ , \ v = \!\! 3552 \\ w = \!\! 62 \ , \ h = \!\! 75 \ , \ x = \!\! 1 \ , \ y = \!\! 0 \ , \ v = \!\! 4650 \end{array}$$

$$\mathbf{w}$$
 =1 , h =50 , x =0 , y =0 , v =50

$$\le =28$$
 , h =25 , x =35 , y =75 , v =700

$$\le =25$$
 , h =23 , x =10 , y =75 , v =575



$$w = 49$$
, $h = 47$, $x = 51$, $y = 0$, $v = 2303$

$$w = 49$$
, $h = 39$, $x = 51$, $y = 47$, $v = 1911$

$$\le =46$$
 , $h=\!10$, $x=\!54$, $y=\!86$, $v=\!460$

$$\le =23$$
 , h =40 , x =28 , y =0 , v =920

$$\le =22$$
 , h =35 , x =6 , y =0 , v =770

$$w = 5$$
, $h = 33$, $x = 1$, $y = 0$, $v = 165$

$$\mathbf{w}$$
 =46 , h =17 , x =5 , y =40 , v =782

$$\le =38$$
 , $h=36$, $x=13$, $y=57$, $v=1368$

26x10	41x27	12x23	20x26
26x46	41x39	33x27	
67x33			33x47

$$w = 33$$
, $h = 47$, $x = 67$, $y = 0$, $v = 1551$

$$w = 12$$
, $h = 23$, $x = 68$, $y = 74$, $v = 276$

$$\le =67$$
 , h =33 , x =0 , y =0 , v =2211

$$w$$
 =41 , h =39 , x =26 , y =33 , v =1599

$$w$$
 =41 , h =27 , x =26 , y =72 , v =1107

$$\le =26$$
 , $h=46$, $x=0$, $y=33$, $v=1196$

$$\le =26$$
 , $h=10$, $x=0$, $y=79$, $v=260$

 $w=\!33$, $h=\!27$, $x=\!67$, $y=\!47$, $v=\!891$

 $[\]le =20$, h =26 , x =80 , y =74 , v =520