$ClassName: \ Class_05.2bp-16$

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>100000</u> InS: <u>90638</u> Rate: <u>0.906</u> UB: <u>10</u> LB0: <u>10</u>

LBWithCut: $\underline{\mathbf{10}}$ NodeCut: $\underline{\mathbf{0}}$

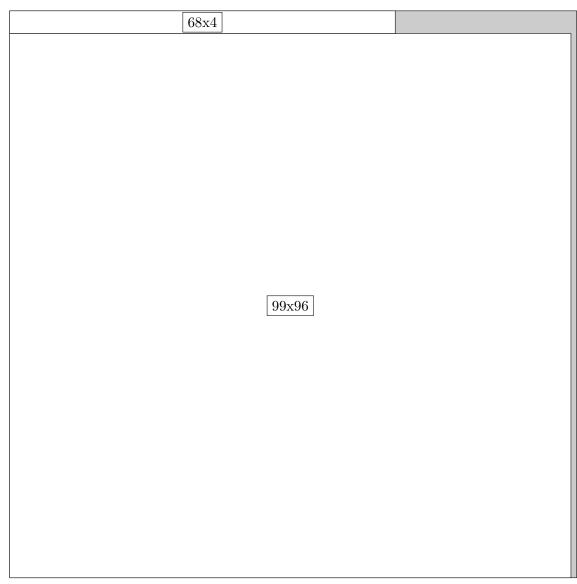
LB: **10**

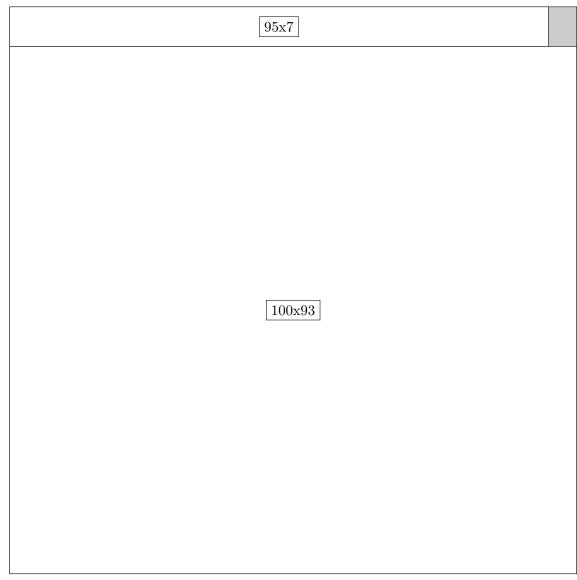
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{10}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

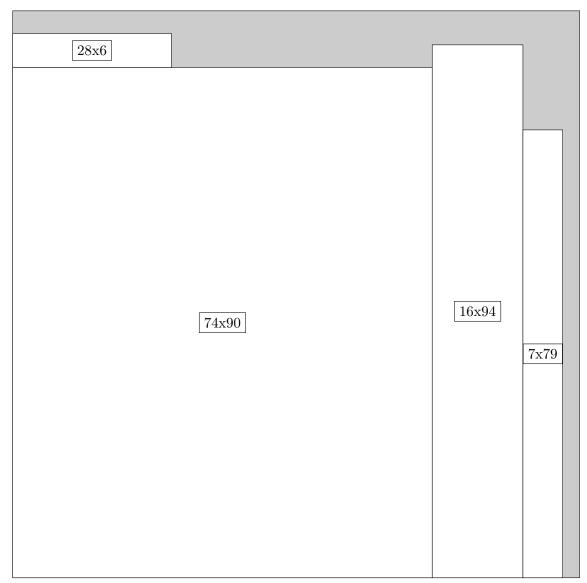
isOpt: **true**

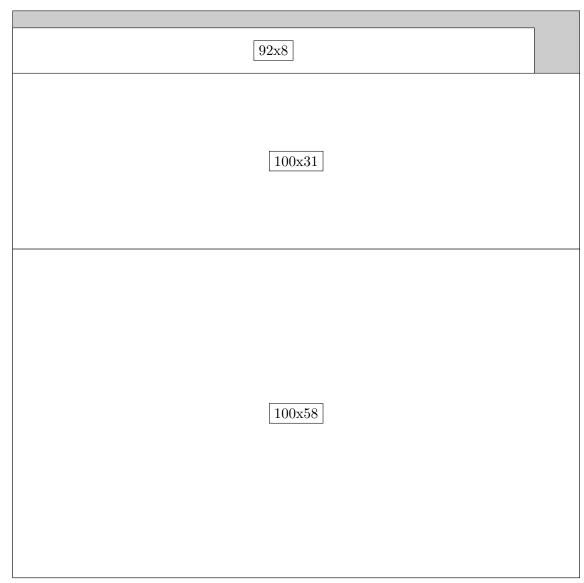
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.100 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.062 \ s} \\ {\rm TotalTime:} \ \underline{0.209 \ s} \end{array}$



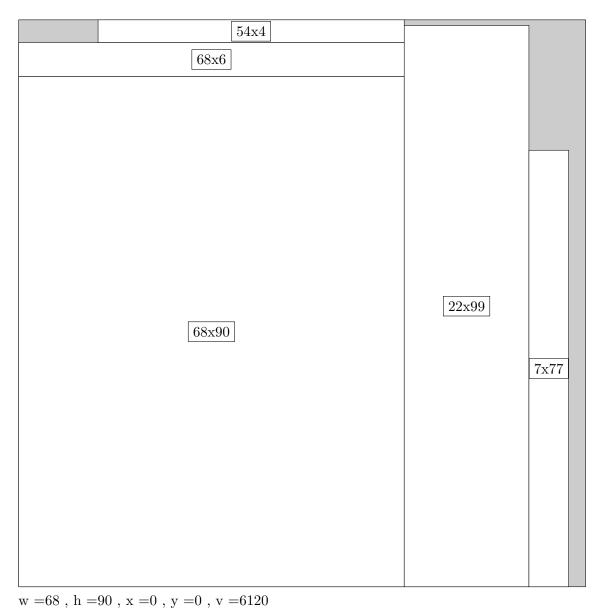


$$\begin{array}{c} w = \! 100 \; , \; h = \! 93 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 9300 \\ w = \! 95 \; , \; h = \! 7 \; , \; x = \! 0 \; , \; y = \! 93 \; , \; v = \! 665 \\ \end{array}$$



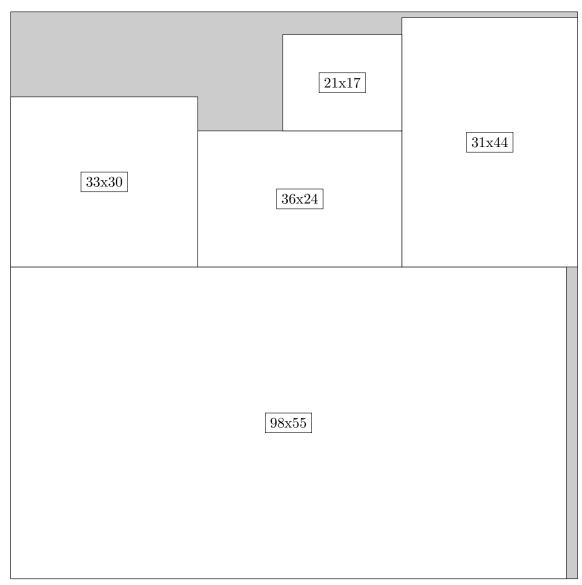


$$\begin{array}{l} w = \! 100 \ , \ h = \! 58 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5800 \\ w = \! 100 \ , \ h = \! 31 \ , \ x = \! 0 \ , \ y = \! 58 \ , \ v = \! 3100 \\ w = \! 92 \ , \ h = \! 8 \ , \ x = \! 0 \ , \ y = \! 89 \ , \ v = \! 736 \end{array}$$



$$W = I$$
, $\Pi = II$, $X = 90$, $Y = 0$, $V = 359$

$$\le =68$$
 , $h=6$, $x=0$, $y=90$, $v=408$



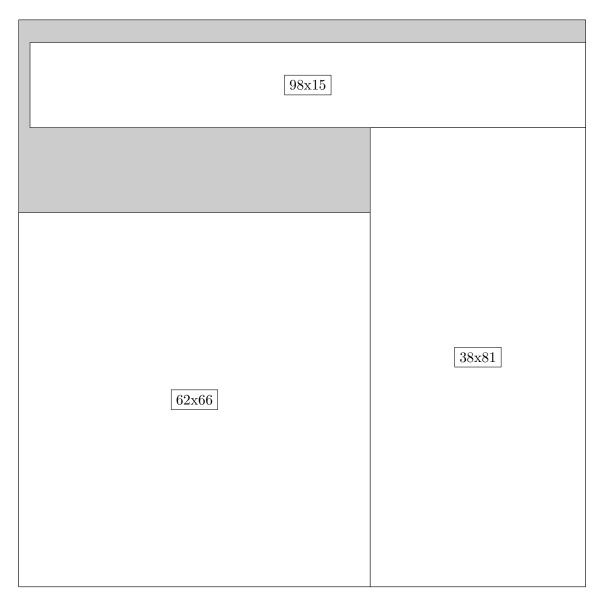
$$w=98$$
 , $h=55$, $x=0$, $y=0$, $v=\!5390$

$$\le =33$$
 , h =30 , x =0 , y =55 , v =990

$$\le =31$$
 , h =44 , x =69 , y =55 , v =1364

$$\le =36$$
 , h =24 , x =33 , y =55 , v =864

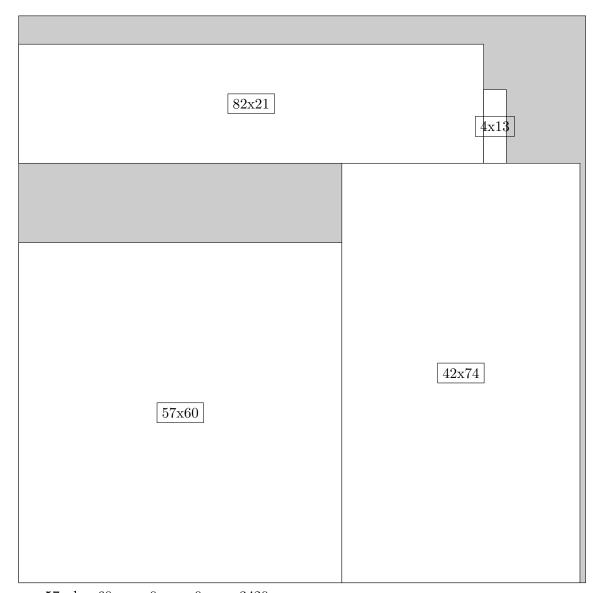
$$\le =21$$
 , $h=17$, $x=48$, $y=79$, $v=357$



$$w = 62$$
, $h = 66$, $x = 0$, $y = 0$, $v = 4092$

$$\le =38$$
 , h =81 , x =62 , y =0 , v =3078

$$\le =98$$
 , h =15 , x =2 , y =81 , v =1470

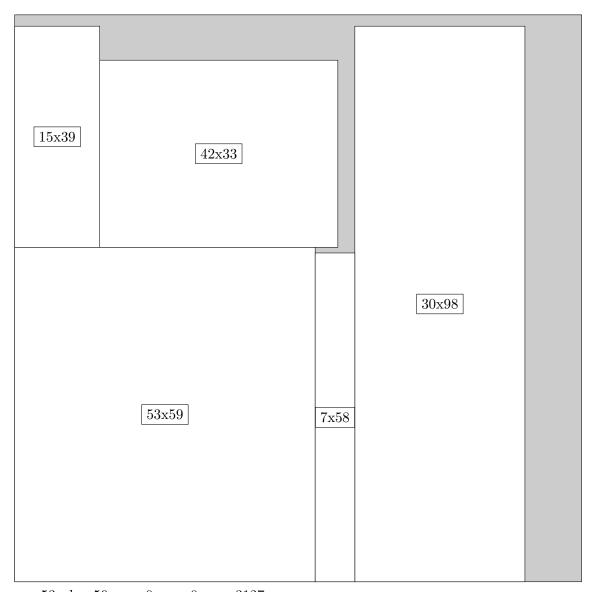


$$\begin{array}{l} w = \! 57 \ , \ h = \! 60 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3420 \\ w = \! 42 \ , \ h = \! 74 \ , \ x = \! 57 \ , \ y = \! 0 \ , \ v = \! 3108 \end{array}$$

$$w = 82$$
, $h = 21$, $x = 0$, $y = 74$, $v = 1722$

$$w = 82$$
, $h = 21$, $x = 0$, $y = 74$, $v = 172$

$$\le 4$$
 , h =13 , x =82 , y =74 , v =52



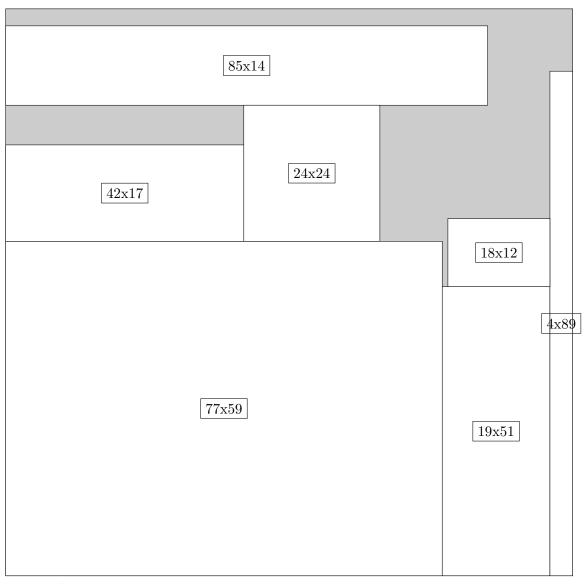
$$\le =53$$
 , h =59 , x =0 , y =0 , v =3127

$$\le =30$$
 , h =98 , x =60 , y =0 , v =2940

$$\le =42$$
 , h =33 , x =15 , y =59 , v =1386

$$\mathbf{w}$$
 =15 , h =39 , x =0 , y =59 , v =585

$$w$$
 =7 , h =58 , x =53 , y =0 , v =406



$$\le =85$$
 , $h=14$, $x=0$, $y=83$, $v=1190$

$$\le =77$$
 , h =59 , x =0 , y =0 , v =4543

$$\le =19$$
 , h =51 , x =77 , y =0 , v =969

$$\mathbf{w}$$
 =42 , h =17 , x =0 , y =59 , v =714

$$w=\!24$$
 , $h=\!24$, $x=\!42$, $y=\!59$, $v=\!576$

$$\mathbf{w}$$
 =4 , h =89 , x =96 , y =0 , v =356

$$w$$
 =18 , h =12 , x =78 , y =51 , v =216