$ClassName: \ Class_05.2bp-25$

BinSize: 100×100 ReduceSize: 100×100

TypeNum: **60** Num: **60** OutS: 160000InS: 138657Rate: 0.867UB: <u>16</u> LB0: **15**

LB: **16** LBWithCut: 16 NodeCut: 0

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

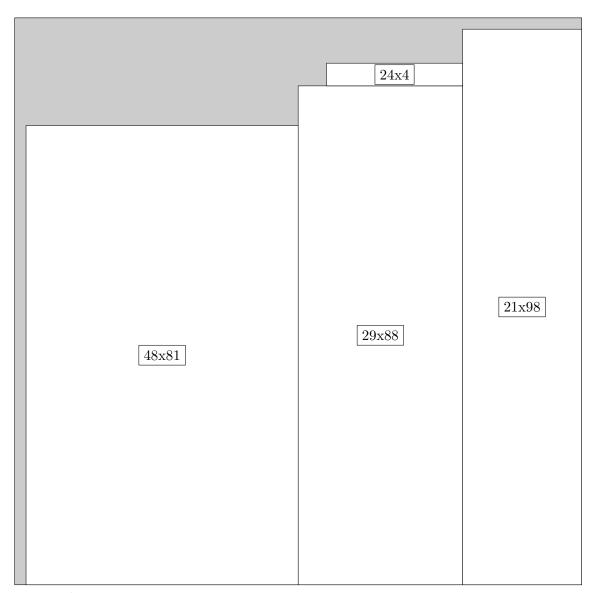
GenNodeCnt: $\mathbf{1}$ PrimalNode: $\mathbf{0}$ ColumnCount: 167 $TotalCutCount: \ \mathbf{0}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{152}$ PricingSolverCnt: <u>152</u>

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

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

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

TimeOnPrimal: 0.000 sTimeOnPricing: 379.816 s TimeOnRmp: 0.172 sTotal Time: 980.350 s

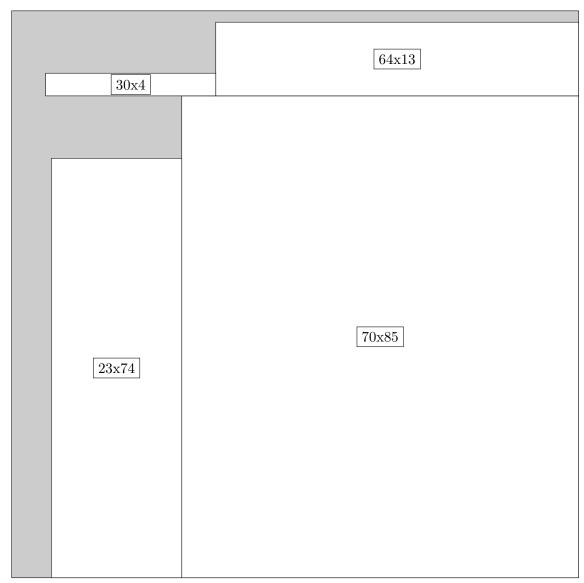


$$\le =21$$
 , h =98 , x =79 , y =0 , v =2058

$$\le =29$$
 , h =88 , x =50 , y =0 , v =2552

$$\le =24$$
 , h =4 , x =55 , y =88 , v =96

$$\mathbf{w}$$
 =48 , h =81 , x =2 , y =0 , v =3888

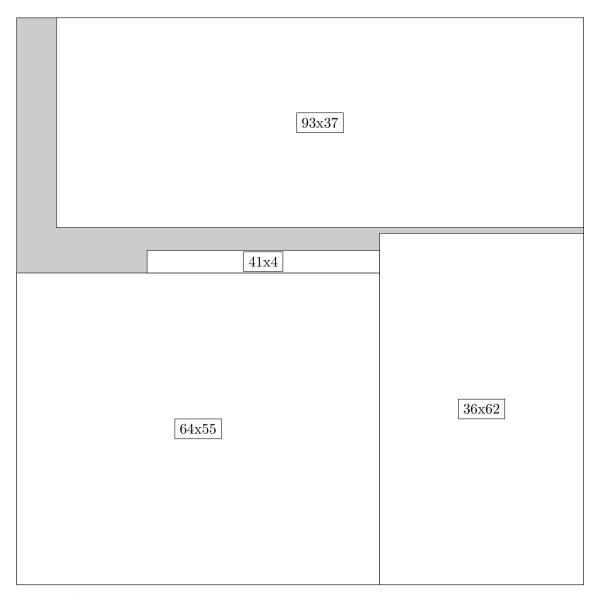


$$\le =70$$
 , h =85 , x =30 , y =0 , v =5950

$$\mathbf{w}$$
 =23 , h =74 , x =7 , y =0 , v =1702

$$\le =64$$
 , h =13 , x =36 , y =85 , v =832

$$w=\!30$$
 , $h=\!4$, $x=\!6$, $y=\!85$, $v=\!120$

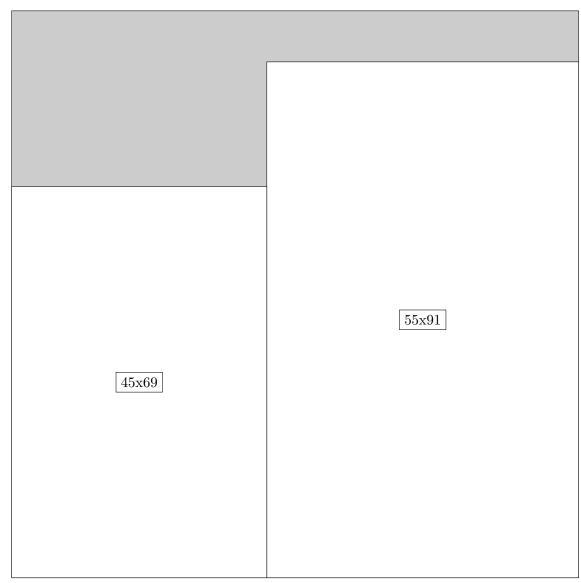


$$\le 36$$
 , h =62 , x =64 , y =0 , v =2232

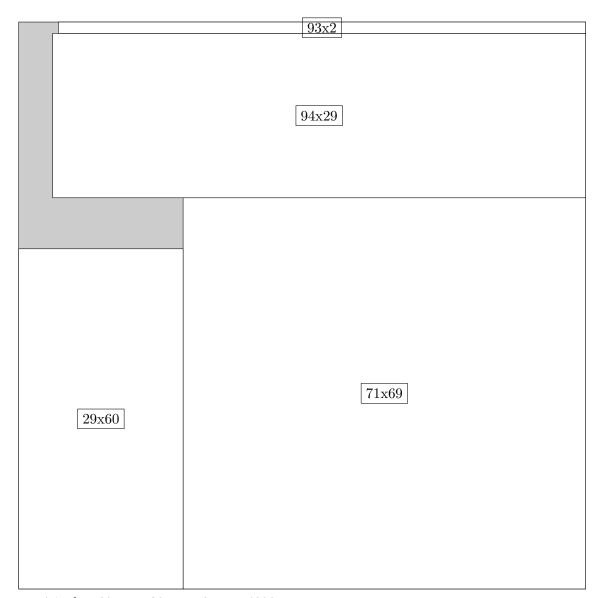
$$\le =64$$
 , h =55 , x =0 , y =0 , v =3520

$$\le =41$$
 , h =4 , x =23 , y =55 , v =164

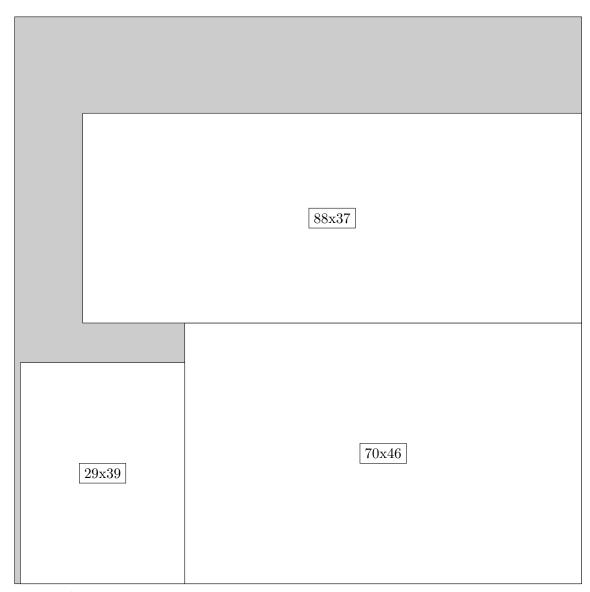
$$w = 93$$
, $h = 37$, $x = 7$, $y = 63$, $v = 3441$



$$\begin{array}{l} w = \! 55 \ , \ h = \! 91 \ , \ x = \! 45 \ , \ y = \! 0 \ , \ v = \! 5005 \\ w = \! 45 \ , \ h = \! 69 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3105 \end{array}$$



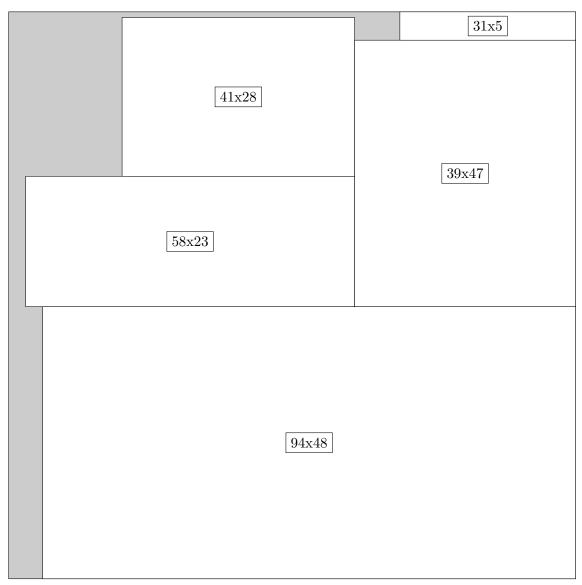
$$\begin{array}{l} w = \! 94 \ , \ h = \! 29 \ , \ x = \! 6 \ , \ y = \! 69 \ , \ v = \! 2726 \\ w = \! 93 \ , \ h = \! 2 \ , \ x = \! 7 \ , \ y = \! 98 \ , \ v = \! 186 \end{array}$$



$$\le =70$$
 , h =46 , x =30 , y =0 , v =3220

$$\mathbf{w}$$
 =29 , h =39 , x =1 , y =0 , v =1131

$$\le =88$$
 , h =37 , x =12 , y =46 , v =3256



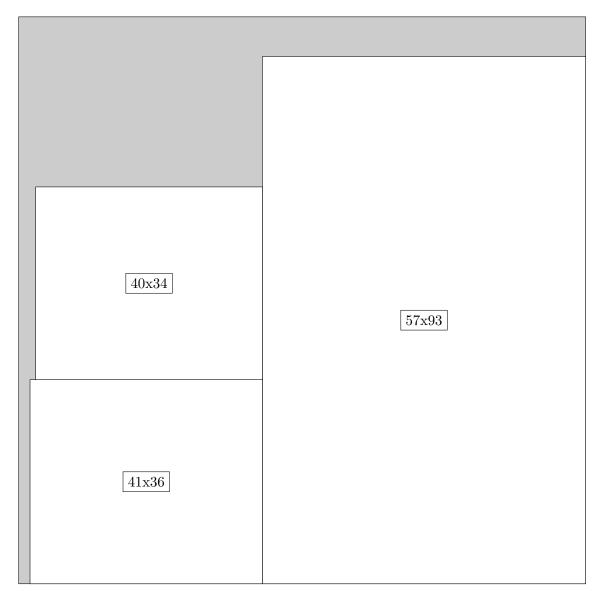
$$w = 94$$
, $h = 48$, $x = 6$, $y = 0$, $v = 4512$

$$\le =39$$
 , h =47 , x =61 , y =48 , v =1833

$$\le =31$$
 , h =5 , x =69 , y =95 , v =155

$$\le =58$$
 , h =23 , x =3 , y =48 , v =1334

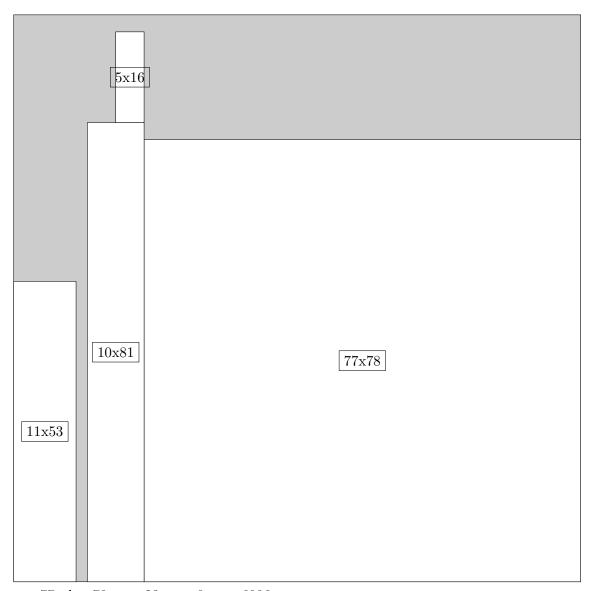
$$\mathbf{w}$$
 =41 , h =28 , x =20 , y =71 , v =1148

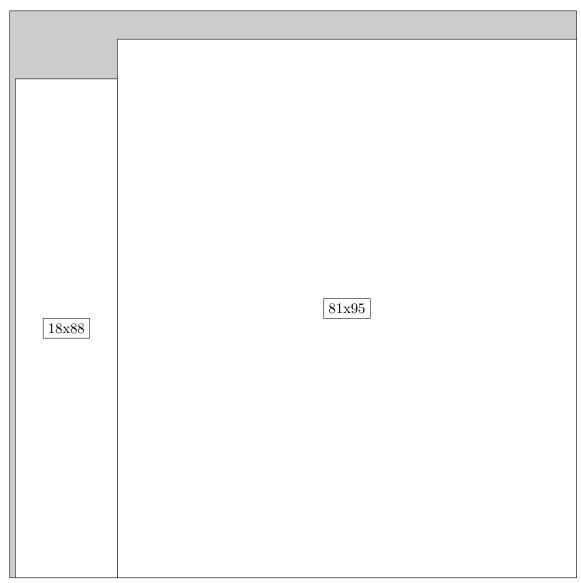


$$w$$
 =57 , h =93 , x =43 , y =0 , v =5301

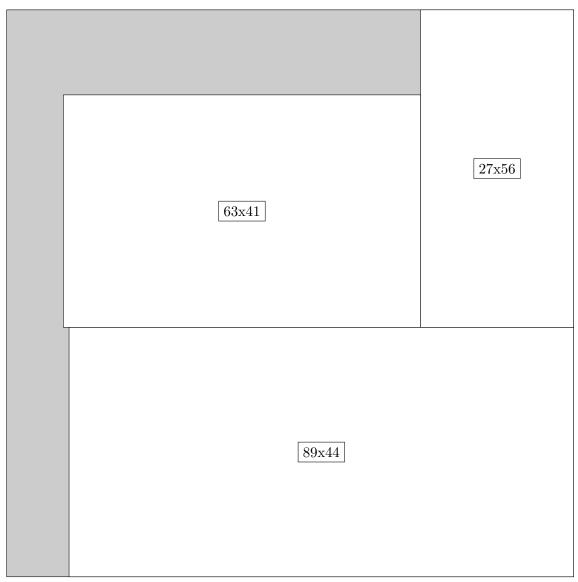
$$\mathbf{w}$$
 =41 , h =36 , x =2 , y =0 , v =1476

$$\le =40$$
 , h =34 , x =3 , y =36 , v =1360





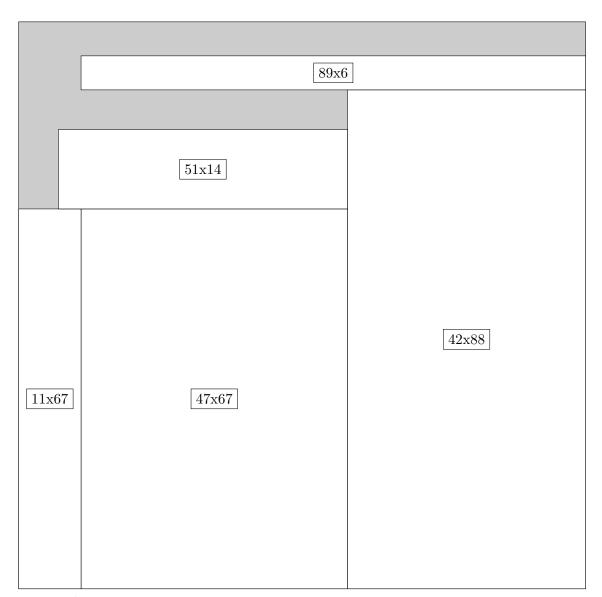
$$w$$
 =81 , h =95 , x =19 , y =0 , v =7695 w =18 , h =88 , x =1 , y =0 , v =1584



$$\le =89$$
 , h =44 , x =11 , y =0 , v =3916

$$w$$
 =27 , h =56 , x =73 , y =44 , v =1512

$$\le =63$$
 , h =41 , x =10 , y =44 , v =2583



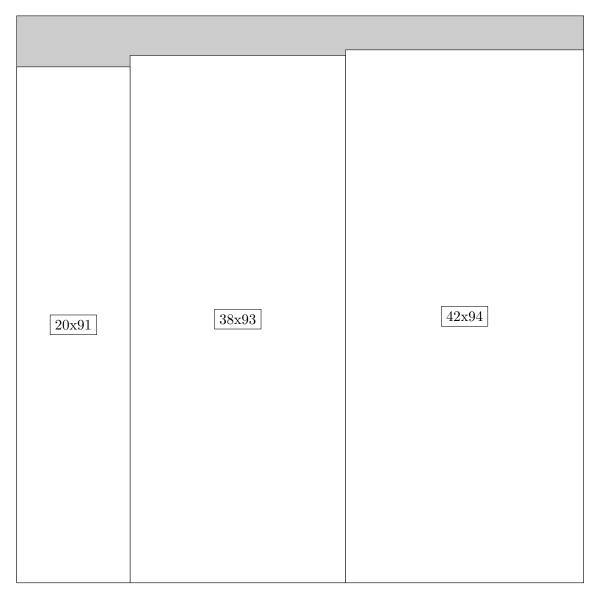
$$\le =42$$
 , h =88 , x =58 , y =0 , v =3696

$$\le =47$$
 , h =67 , x =11 , y =0 , v =3149

$$\mathbf{w}$$
 =11 , h =67 , x =0 , y =0 , v =737

$$w$$
 =51 , h =14 , x =7 , y =67 , v =714

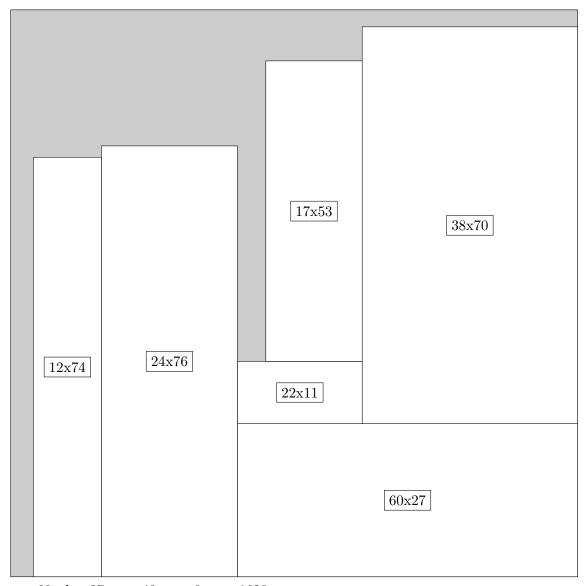
$$\le =89$$
 , h =6 , x =11 , y =88 , v =534



w = 42, h = 94, x = 58, y = 0, v = 3948

 $\le =38$, h =93 , x =20 , y =0 , v =3534

 $\le =20$, h =91 , x =0 , y =0 , v =1820



$$\le =60$$
 , h =27 , x =40 , y =0 , v =1620

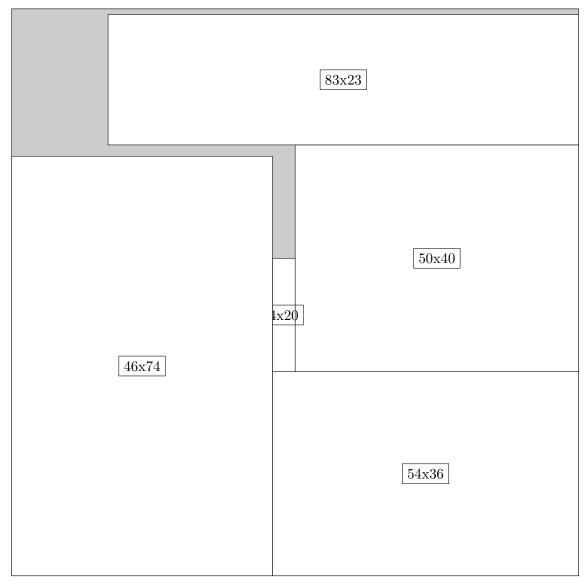
$$\le =38$$
 , h =70 , x =62 , y =27 , v =2660

$$w = 22$$
, $h = 11$, $x = 40$, $y = 27$, $v = 242$

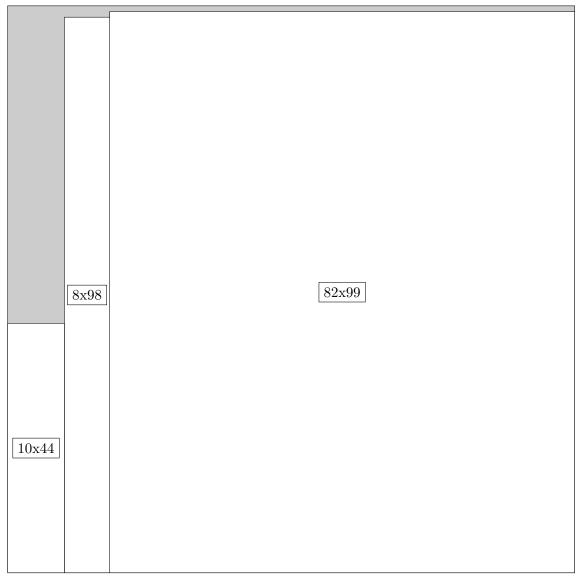
$$w$$
 =17 , h =53 , x =45 , y =38 , v =901

$$w$$
 =24 , h =76 , x =16 , y =0 , v =1824

$$\mathbf{w}$$
 =12 , \mathbf{h} =74 , \mathbf{x} =4 , \mathbf{y} =0 , \mathbf{v} =888



 $\begin{array}{l} w = \!54 \;,\; h = \!36 \;,\; x = \!46 \;,\; y = \!0 \;,\; v = \!1944 \\ w = \!50 \;,\; h = \!40 \;,\; x = \!50 \;,\; y = \!36 \;,\; v = \!2000 \\ w = \!4 \;,\; h = \!20 \;,\; x = \!46 \;,\; y = \!36 \;,\; v = \!80 \\ w = \!46 \;,\; h = \!74 \;,\; x = \!0 \;,\; y = \!0 \;,\; v = \!3404 \\ w = \!83 \;,\; h = \!23 \;,\; x = \!17 \;,\; y = \!76 \;,\; v = \!1909 \end{array}$



 $\begin{array}{l} w = & 82 \ , \ h = & 99 \ , \ x = & 18 \ , \ y = & 0 \ , \ v = & 8118 \\ w = & 8 \ , \ h = & 98 \ , \ x = & 10 \ , \ y = & 0 \ , \ v = & 784 \\ w = & 10 \ , \ h = & 44 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 440 \end{array}$