$ClassName: \ Class_07.2bp-23$

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>150000</u> InS: <u>128151</u> Rate: <u>0.854</u> UB: <u>15</u> LB0: <u>15</u>

LBWithCut: <u>15</u> NodeCut: <u>0</u>

LB: **15**

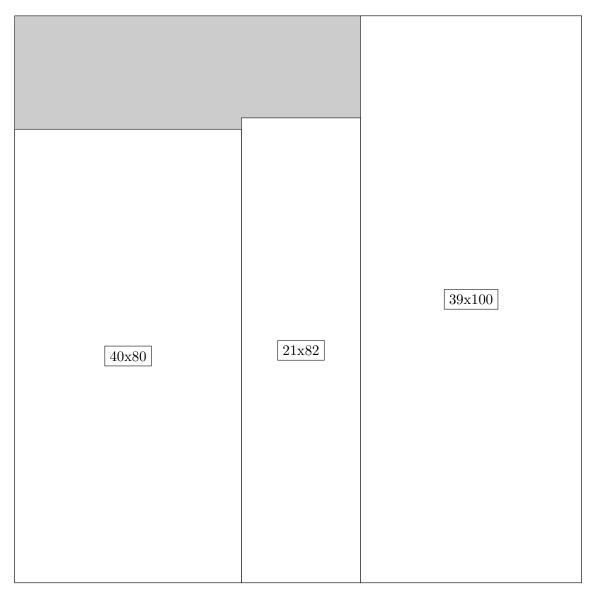
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{15}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

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

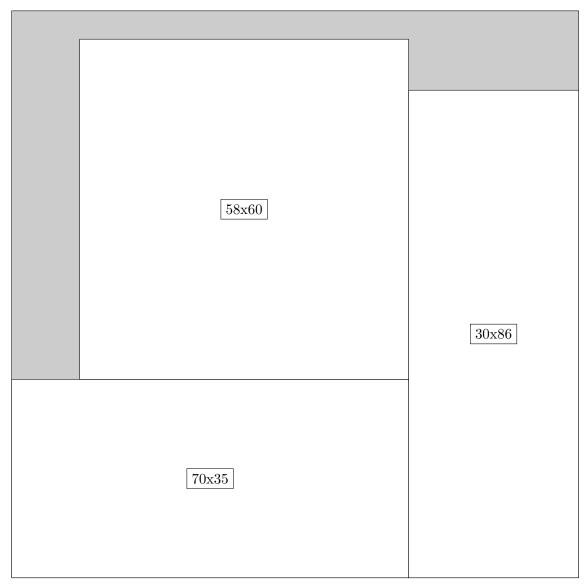
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.060 sTotalTime: 600.312 s



w =39 , h =100 , x =61 , y =0 , v =3900

 $\le =21$, h =82 , x =40 , y =0 , v =1722

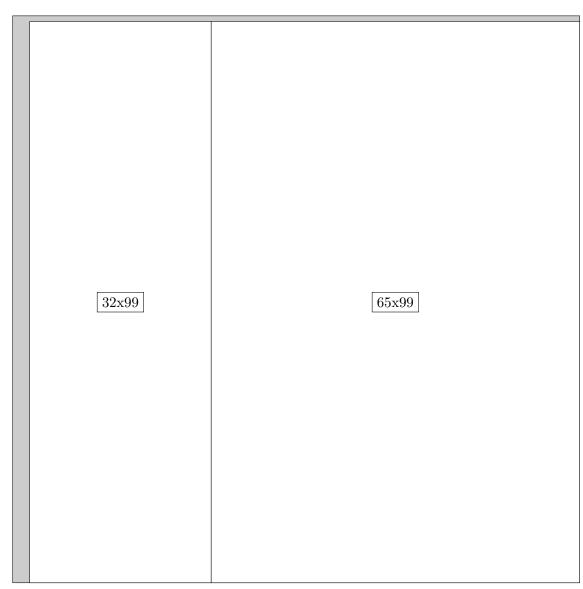
 $\le =40$, h =80 , x =0 , y =0 , v =3200

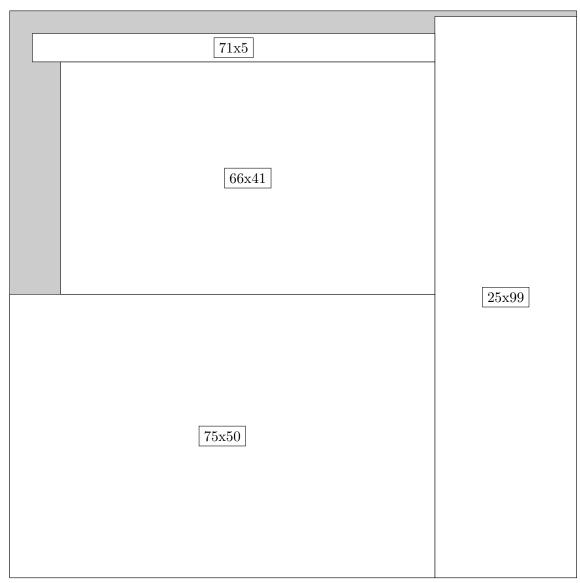


$$\le =30$$
 , h =
86 , x =
70 , y =
0 , v =
2580

$$\mathbf{w}$$
 =70 , h =35 , x =0 , y =0 , v =2450

$$\le =58$$
 , h =60 , x =12 , y =35 , v =3480



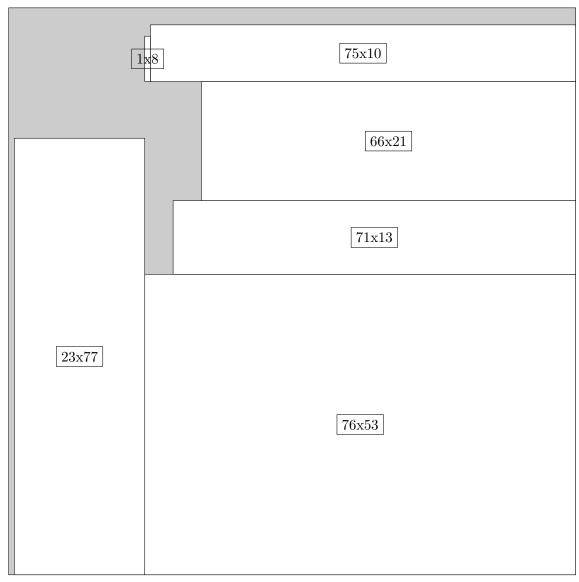


$$w = 25$$
, $h = 99$, $x = 75$, $y = 0$, $v = 2475$

$$\le -75$$
 , h =
50 , x =
0 , y =
0 , v =
3750

$$\le =66$$
 , h =41 , x =9 , y =50 , v =2706

$$w$$
 =71 , h =5 , x =4 , y =91 , v =355



$$w = 76$$
, $h = 53$, $x = 24$, $y = 0$, $v = 4028$

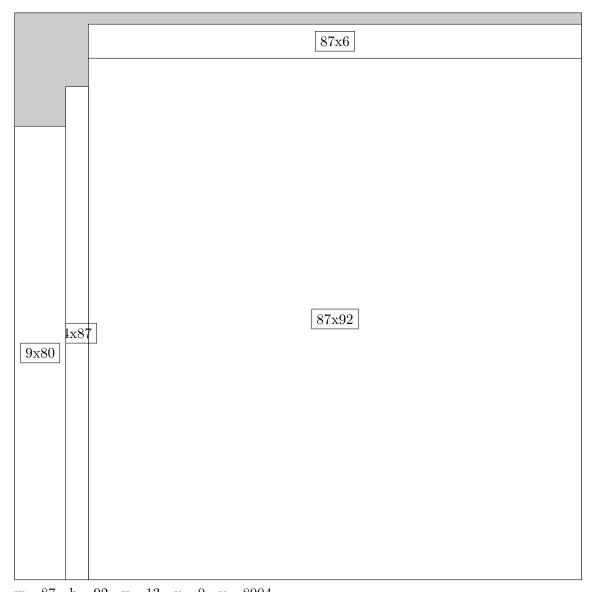
$$\le =71$$
 , h =13 , x =29 , y =53 , v =923

$$\le =66$$
 , h =21 , x =34 , y =66 , v =1386

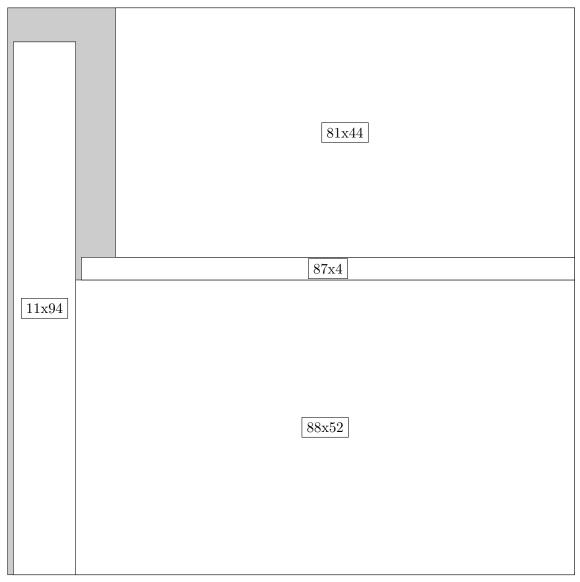
$$w$$
 =75 , h =10 , x =25 , y =87 , v =750

$$w=\!1$$
 , $h=\!8$, $x=\!24$, $y=\!87$, $v=\!8$

$$\le =23$$
 , h =77 , x =1 , y =0 , v =1771



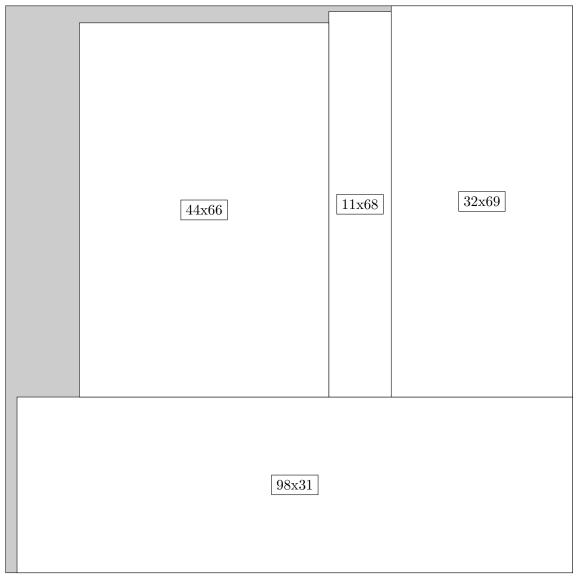
 $\begin{array}{l} w = \!\!87 \;,\; h = \!\!92 \;,\; x = \!\!13 \;,\; y = \!\!0 \;,\; v = \!\!8004 \\ w = \!\!4 \;,\; h = \!\!87 \;,\; x = \!\!9 \;,\; y = \!\!0 \;,\; v = \!\!348 \\ w = \!\!9 \;,\; h = \!\!80 \;,\; x = \!\!0 \;,\; y = \!\!0 \;,\; v = \!\!720 \\ w = \!\!87 \;,\; h = \!\!6 \;,\; x = \!\!13 \;,\; y = \!\!92 \;,\; v = \!\!522 \end{array}$



$$\begin{array}{l} w = \! 88 \; , \; h = \! 52 \; , \; x = \! 12 \; , \; y = \! 0 \; , \; v = \! 4576 \\ w = \! 87 \; , \; h = \! 4 \; , \; x = \! 13 \; , \; y = \! 52 \; , \; v = \! 348 \\ \end{array}$$

$$\le =81$$
 , h =44 , x =19 , y =56 , v =3564

$$\mathbf{w}$$
 =11 , h =94 , x =1 , y =0 , v =1034

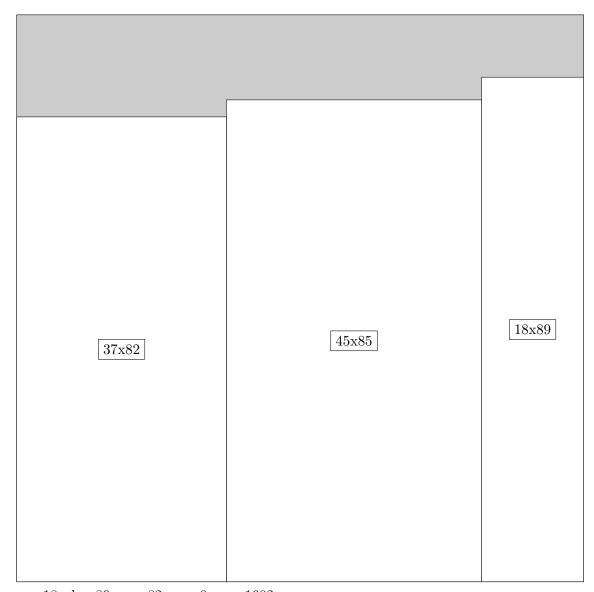


$$\le =98$$
 , h =31 , x =2 , y =0 , v =3038

$$\le =32$$
 , h =69 , x =68 , y =31 , v =2208

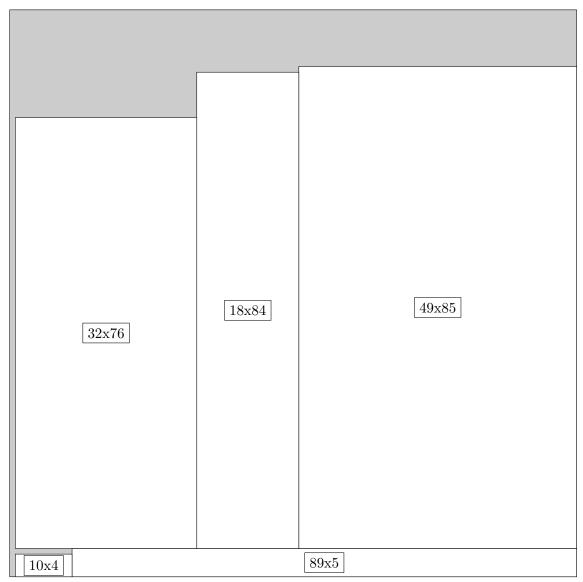
$$\le =11$$
 , $h=68$, $x=57$, $y=31$, $v=748$

$$\mathbf{w}$$
 =44 , h =66 , x =13 , y =31 , v =2904



 $\begin{array}{l} w = \! 18 \ , \ h = \! 89 \ , \ x = \! 82 \ , \ y = \! 0 \ , \ v = \! 1602 \\ w = \! 45 \ , \ h = \! 85 \ , \ x = \! 37 \ , \ y = \! 0 \ , \ v = \! 3825 \end{array}$

 $\le =37$, h =82 , x =0 , y =0 , v =3034



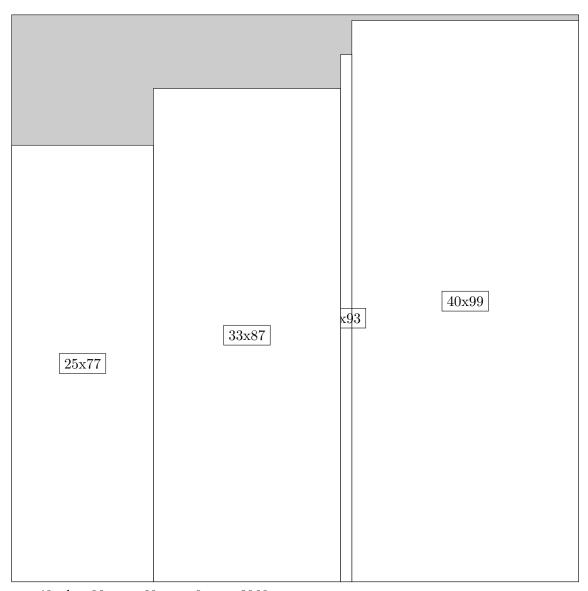
$$\le =89$$
 , $h=5$, $x=11$, $y=0$, $v=445$

$$\mathbf{w}$$
 =10 , h =4 , x =1 , y =0 , v =40

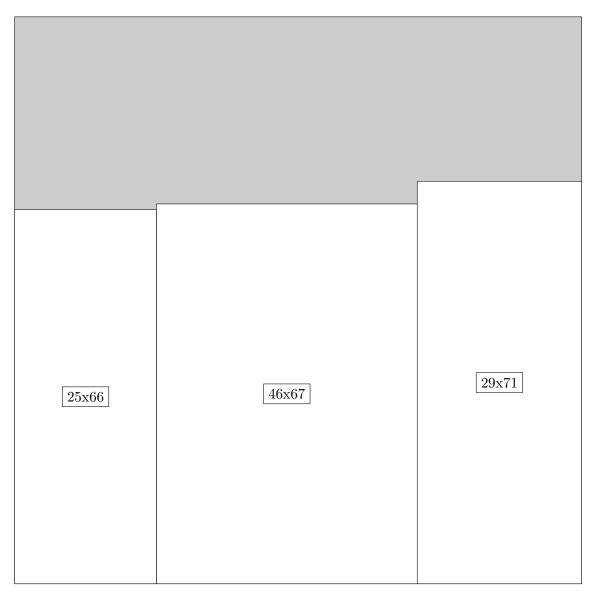
$$\le =49$$
 , h =85 , x =51 , y =5 , v =4165

$$\mathbf{w}$$
 =18 , h =84 , x =33 , y =5 , v =1512

$$\le =32$$
 , h =76 , x =1 , y =5 , v =2432



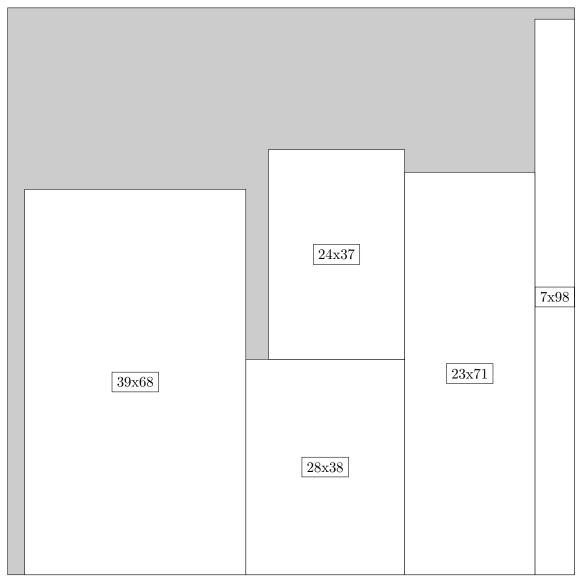
 $\begin{array}{l} w = \!\! 40 \ , \ h = \!\! 99 \ , \ x = \!\! 60 \ , \ y = \!\! 0 \ , \ v = \!\! 3960 \\ w = \!\! 2 \ , \ h = \!\! 93 \ , \ x = \!\! 58 \ , \ y = \!\! 0 \ , \ v = \!\! 186 \\ w = \!\! 33 \ , \ h = \!\! 87 \ , \ x = \!\! 25 \ , \ y = \!\! 0 \ , \ v = \!\! 2871 \\ w = \!\! 25 \ , \ h = \!\! 77 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 1925 \end{array}$



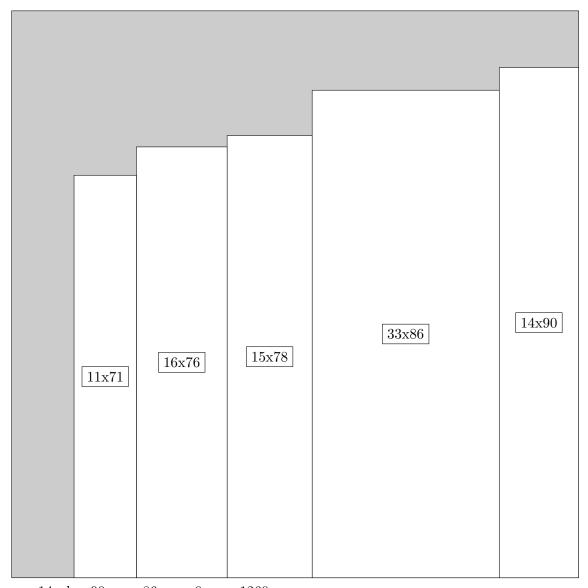
$$\le =29$$
 , h =71 , x =71 , y =0 , v =2059

$$\le =46$$
 , $h=67$, $x=25$, $y=0$, $v=3082$

$$\le =25$$
 , h =66 , x =0 , y =0 , v =1650



 $\begin{array}{l} w=7\ ,\ h=98\ ,\ x=93\ ,\ y=0\ ,\ v=686\\ w=23\ ,\ h=71\ ,\ x=70\ ,\ y=0\ ,\ v=1633\\ w=28\ ,\ h=38\ ,\ x=42\ ,\ y=0\ ,\ v=1064\\ w=24\ ,\ h=37\ ,\ x=46\ ,\ y=38\ ,\ v=888\\ w=39\ ,\ h=68\ ,\ x=3\ ,\ y=0\ ,\ v=2652 \end{array}$



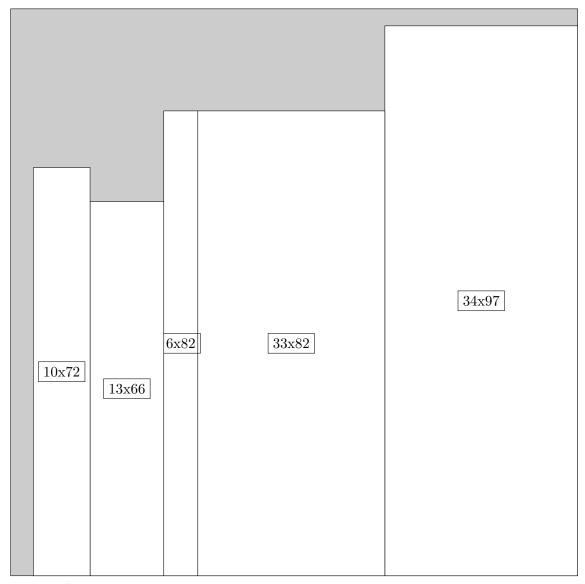
$$\le =14$$
 , $h=90$, $x=86$, $y=0$, $v=1260$

$$\le =33$$
 , h =86 , x =53 , y =0 , v =2838

$$\le =15$$
 , $h=78$, $x=38$, $y=0$, $v=1170$

$$\mathbf{w}$$
 =16 , h =76 , x =22 , y =0 , v =1216

$$\mathbf{w}$$
 =11 , h =71 , x =11 , y =0 , v =781



$$\begin{array}{l} w = \!\! 34 \;,\; h = \!\! 97 \;,\; x = \!\! 66 \;,\; y = \!\! 0 \;,\; v = \!\! 3298 \\ w = \!\! 33 \;,\; h = \!\! 82 \;,\; x = \!\! 33 \;,\; y = \!\! 0 \;,\; v = \!\! 2706 \\ w = \!\! 6 \;,\; h = \!\! 82 \;,\; x = \!\! 27 \;,\; y = \!\! 0 \;,\; v = \!\! 492 \\ w = \!\! 13 \;,\; h = \!\! 66 \;,\; x = \!\! 14 \;,\; y = \!\! 0 \;,\; v = \!\! 858 \\ w = \!\! 10 \;,\; h = \!\! 72 \;,\; x = \!\! 4 \;,\; y = \!\! 0 \;,\; v = \!\! 720 \end{array}$$