${\bf ClassName:}~{\bf Class\_10.2bp\text{-}33}$ 

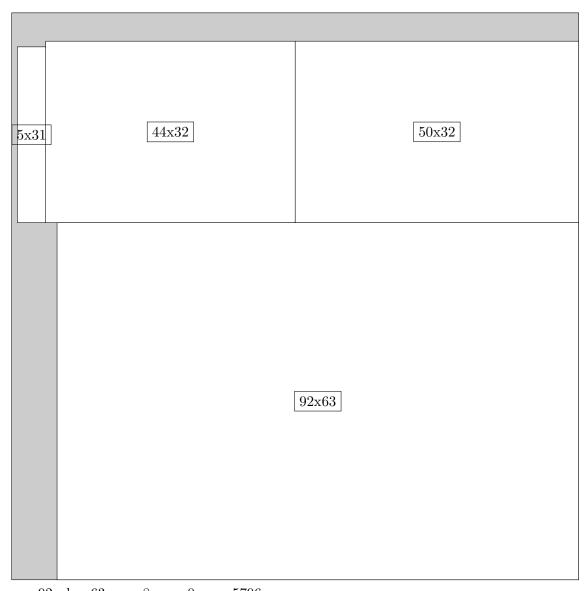
BinSize:  $\underline{100 \times 100}$ ReduceSize:  $\underline{100 \times 100}$ 

TypeNum: <u>79</u> Num: <u>80</u> OutS: <u>140000</u> InS: <u>129404</u> Rate: <u>0.924</u> UB: <u>14</u> LB: <u>14</u>

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

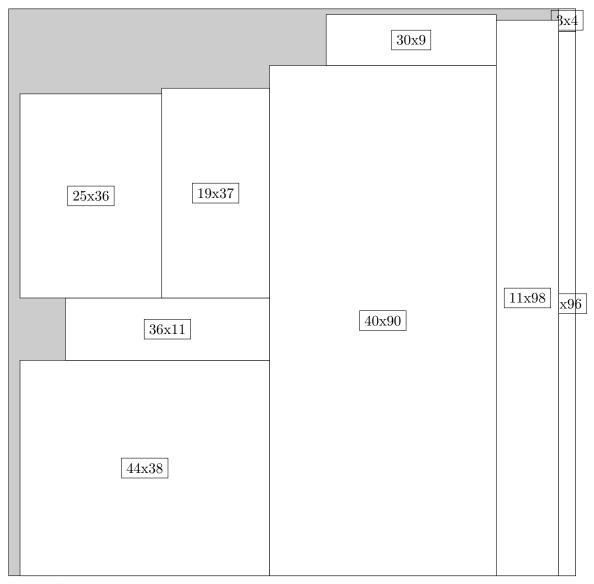
isOpt: **true** 

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.219 s

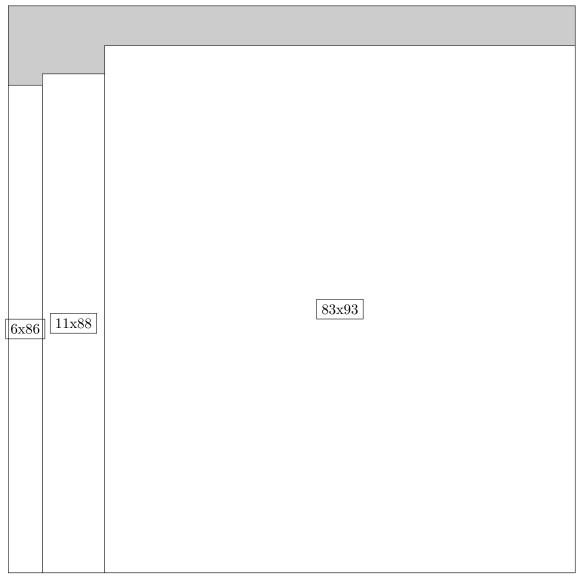


$$w = 92$$
,  $h = 63$ ,  $x = 8$ ,  $y = 0$ ,  $v = 5796$   
 $w = 50$ ,  $h = 32$ ,  $x = 50$ ,  $y = 63$ ,  $v = 1600$ 

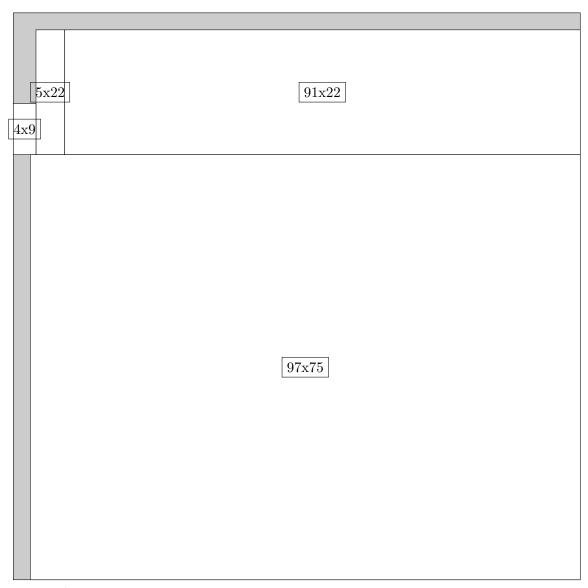
$$\begin{array}{l} w = \!\! 44 \ , \ h = \!\! 32 \ , \ x = \!\! 6 \ , \ y = \!\! 63 \ , \ v = \!\! 1408 \\ w = \!\! 5 \ , \ h = \!\! 31 \ , \ x = \!\! 1 \ , \ y = \!\! 63 \ , \ v = \!\! 155 \end{array}$$



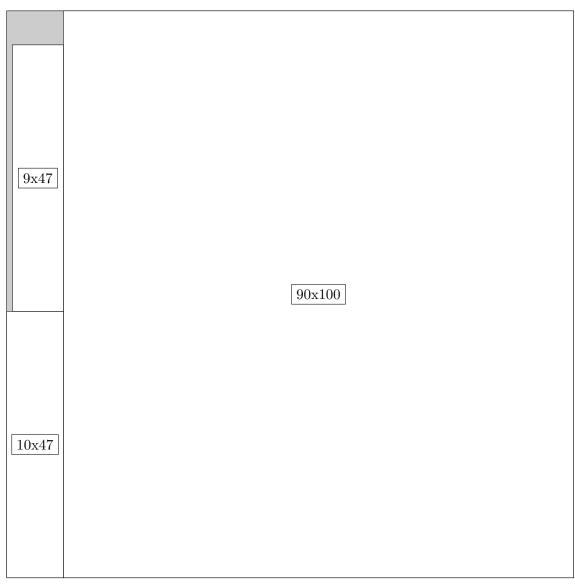
$$\begin{array}{l} w=3 \;,\; h=96 \;,\; x=97 \;,\; y=0 \;,\; v=288 \\ w=3 \;,\; h=4 \;,\; x=97 \;,\; y=96 \;,\; v=12 \\ w=11 \;,\; h=98 \;,\; x=86 \;,\; y=0 \;,\; v=1078 \\ w=40 \;,\; h=90 \;,\; x=46 \;,\; y=0 \;,\; v=3600 \\ w=30 \;,\; h=9 \;,\; x=56 \;,\; y=90 \;,\; v=270 \\ w=44 \;,\; h=38 \;,\; x=2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



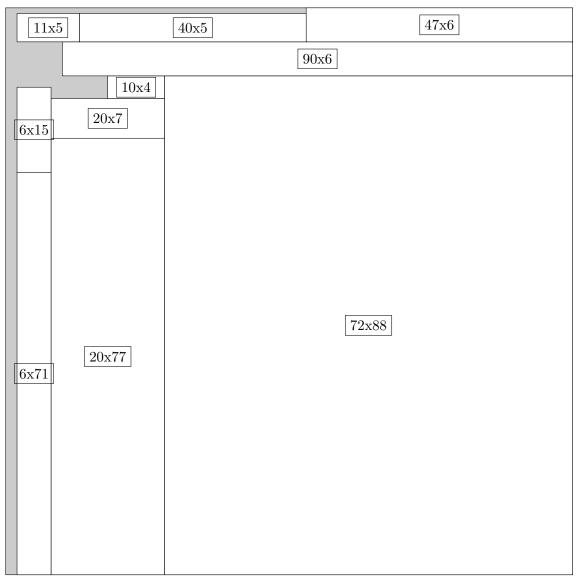
 $\begin{array}{l} w = \! 83 \ , \ h = \! 93 \ , \ x = \! 17 \ , \ y = \! 0 \ , \ v = \! 7719 \\ w = \! 11 \ , \ h = \! 88 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 968 \\ w = \! 6 \ , \ h = \! 86 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 516 \end{array}$ 



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



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



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

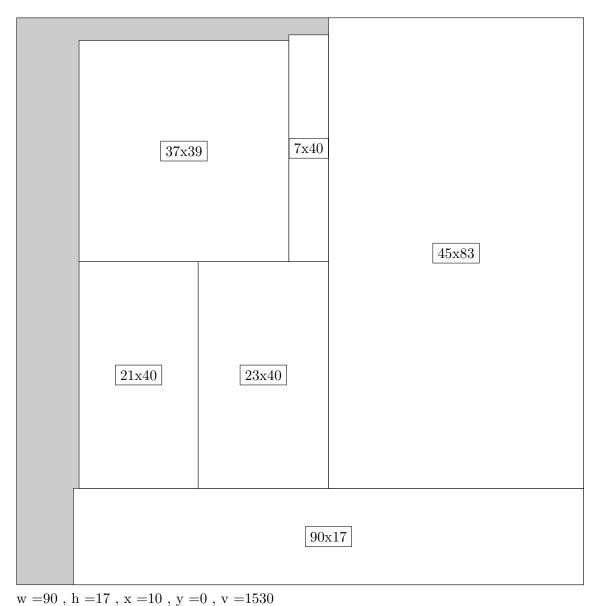
$$\mathbf{w}$$
 =6 , h =71 , x =2 , y =0 , v =426

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

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

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

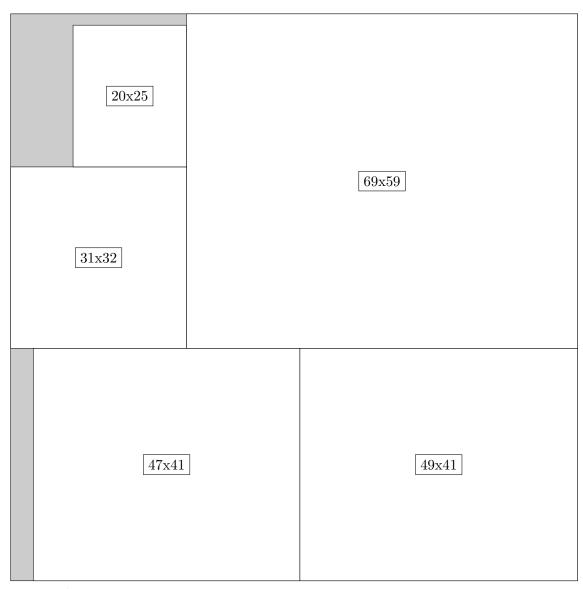
$$\mathbf{w}$$
 =40 , h =5 , x =13 , y =94 , v =200



$$w$$
 =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



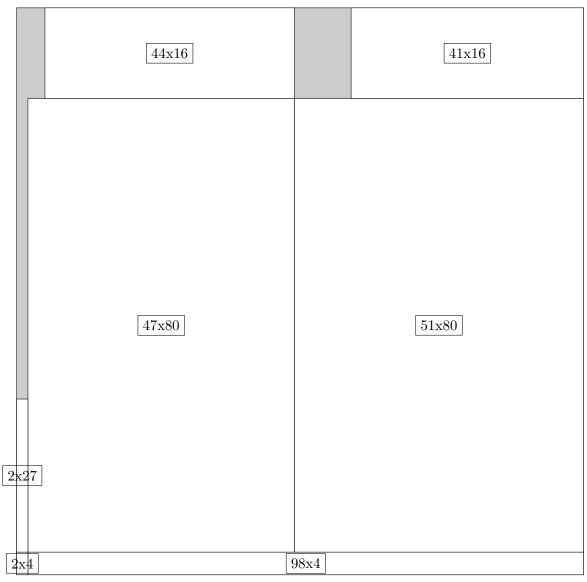
$$\le =49$$
 , h =41 , x =51 , y =0 , v =2009

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

$$\le =69$$
 , 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

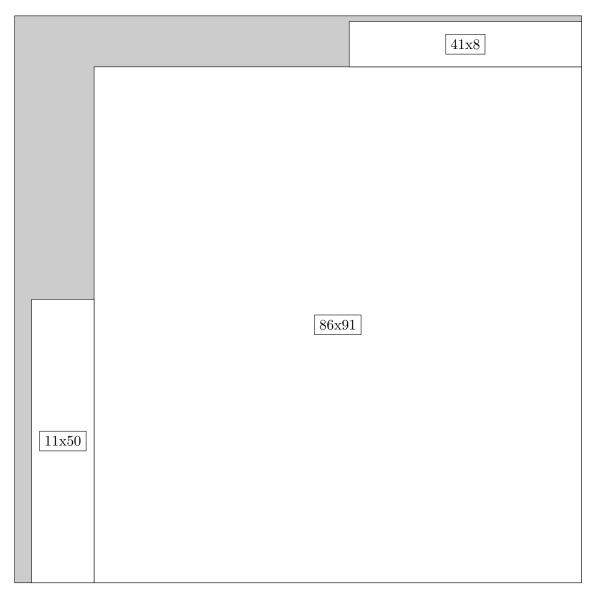
$$\le =51$$
 , h =80 , x =49 , y =4 , v =4080

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

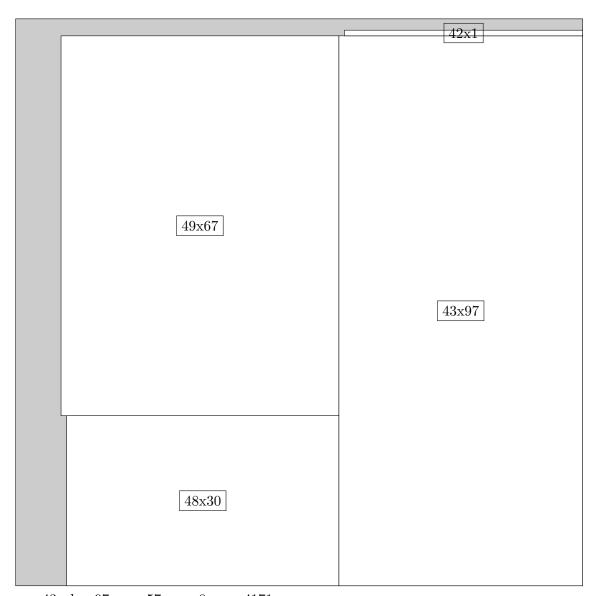
$$\le =47$$
 ,  $h=\!80$  ,  $x=\!2$  ,  $y=\!4$  ,  $v=\!3760$ 

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

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



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

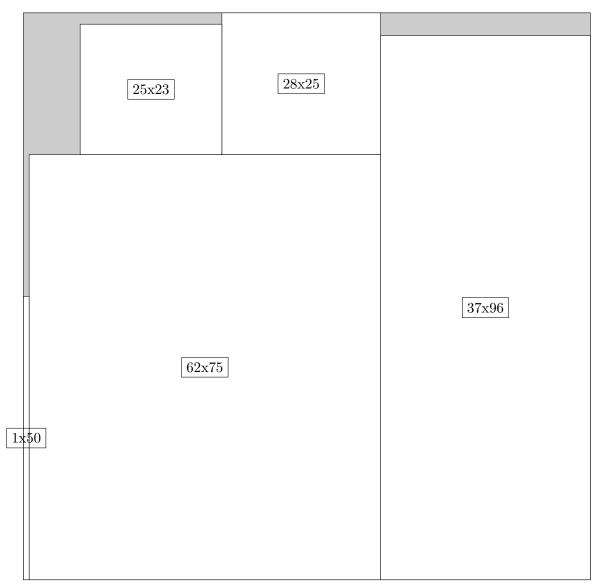


$$\le =43$$
 ,  $h=97$  ,  $x=57$  ,  $y=0$  ,  $v=4171$ 

$$\le =42$$
 , 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

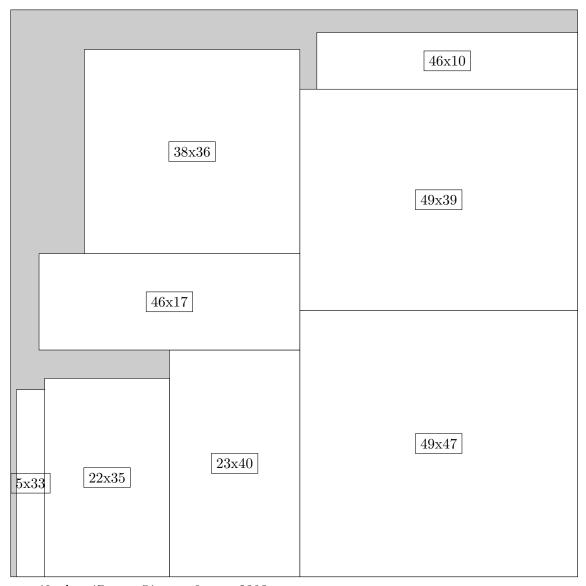


$$\begin{array}{l} w = \!\! 37 \ , \ h = \!\! 96 \ , \ x = \!\! 63 \ , \ y = \!\! 0 \ , \ v = \!\! 3552 \\ w = \!\! 62 \ , \ h = \!\! 75 \ , \ x = \!\! 1 \ , \ y = \!\! 0 \ , \ v = \!\! 4650 \end{array}$$

$$\mathbf{w}$$
 =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

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

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

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

 $<sup>\</sup>le =20$  , h =26 , x =80 , y =74 , v =520