${\bf ClassName:}\ {\bf Class\_10.2bp\text{-}20}$ 

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

TypeNum: <u>60</u>
Num: <u>60</u>
OutS: <u>110000</u>
InS: <u>103184</u>
Rate: <u>0.938</u>
UB: <u>11</u>

LB0: <u>11</u> LB: <u>11</u>

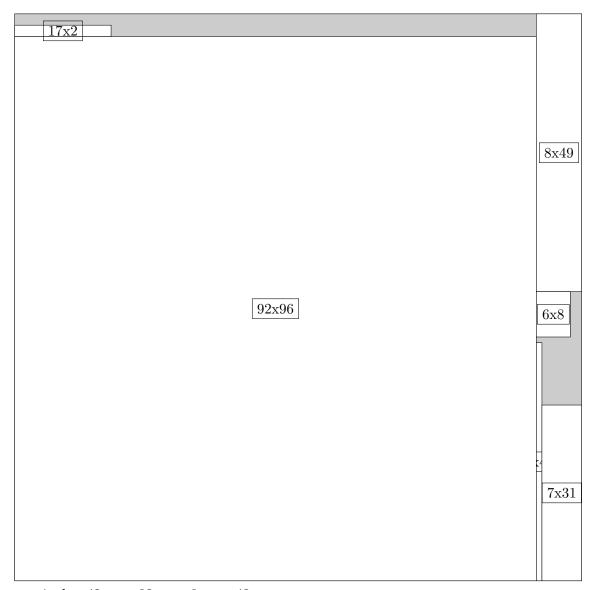
LBWithCut:  $\underline{\mathbf{11}}$ NodeCut:  $\underline{\mathbf{0}}$ 

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

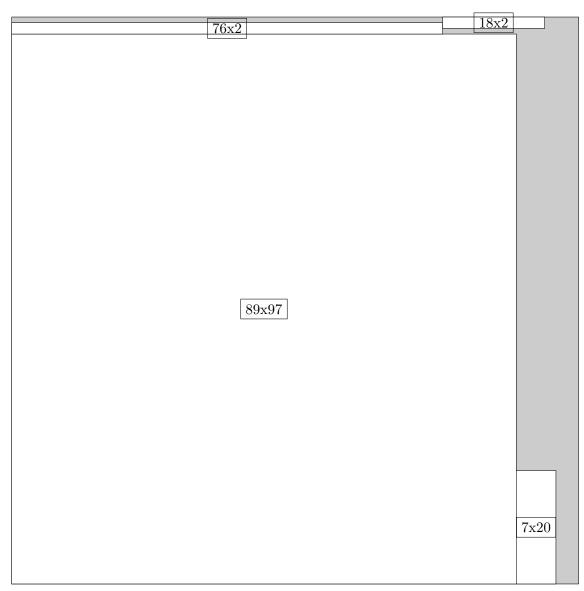
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{11}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

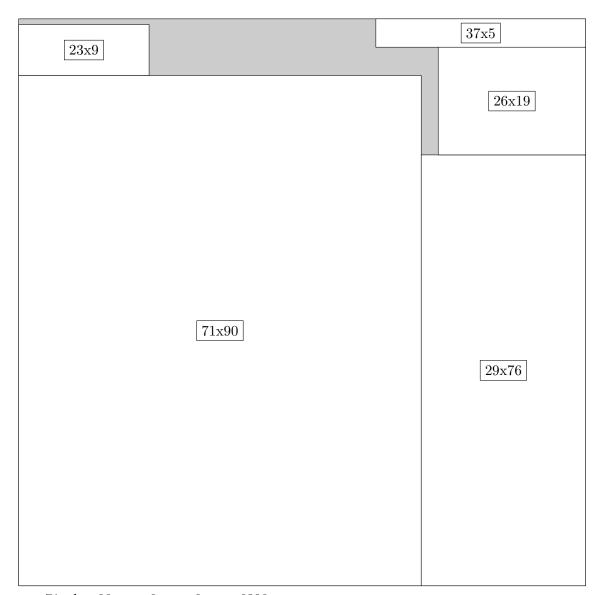
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 0.125 s



 $\begin{array}{l} w=1\ ,\ h=42\ ,\ x=92\ ,\ y=0\ ,\ v=42\\ w=8\ ,\ h=49\ ,\ x=92\ ,\ y=51\ ,\ v=392\\ w=7\ ,\ h=31\ ,\ x=93\ ,\ y=0\ ,\ v=217\\ w=6\ ,\ h=8\ ,\ x=92\ ,\ y=43\ ,\ v=48\\ w=92\ ,\ h=96\ ,\ x=0\ ,\ y=0\ ,\ v=8832\\ w=17\ ,\ h=2\ ,\ x=0\ ,\ y=96\ ,\ v=34 \end{array}$ 



 $\begin{array}{l} w = \! 89 \; , \; h = \! 97 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8633 \\ w = \! 76 \; , \; h = \! 2 \; , \; x = \! 0 \; , \; y = \! 97 \; , \; v = \! 152 \\ w = \! 7 \; , \; h = \! 20 \; , \; x = \! 89 \; , \; y = \! 0 \; , \; v = \! 140 \\ w = \! 18 \; , \; h = \! 2 \; , \; x = \! 76 \; , \; y = \! 98 \; , \; v = \! 36 \end{array}$ 



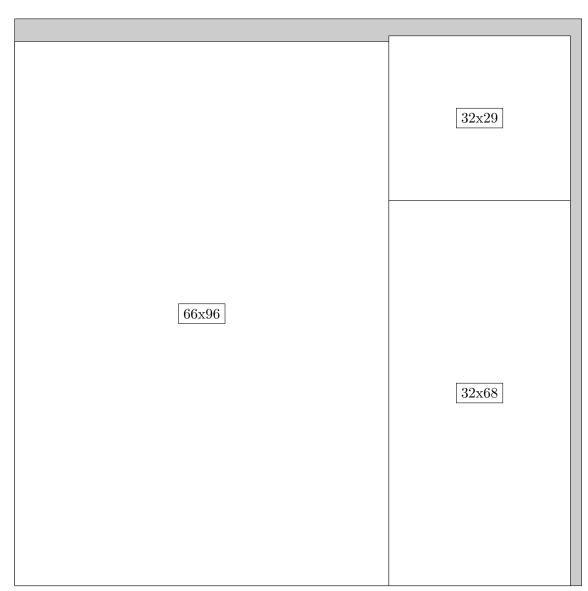
$$\le =71$$
 , h =90 , x =0 , y =0 , v =6390

$$\le =29$$
 ,  $h=76$  ,  $x=71$  ,  $y=0$  ,  $v=2204$ 

$$w$$
 =26 , h =19 , x =74 , y =76 , v =494

$$\le =23$$
 , h =9 , x =0 , y =90 , v =207

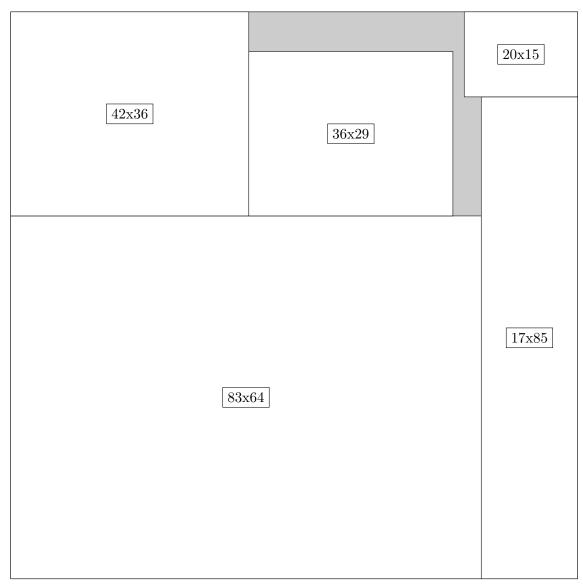
$$w$$
 =37 ,  $h$  =5 ,  $x$  =63 ,  $y$  =95 ,  $v$  =185



$$\le =66$$
 , h =96 , x =0 , y =0 , v =6336

$$\le =32$$
 , h =68 , x =66 , y =0 , v =2176

$$\le =32$$
 , h =29 , x =66 , y =68 , v =928



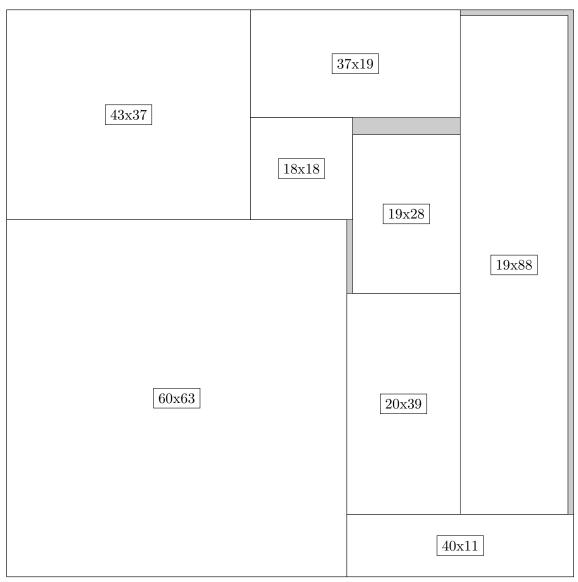
$$w = 83$$
,  $h = 64$ ,  $x = 0$ ,  $y = 0$ ,  $v = 5312$ 

$$\le =42$$
 , h =36 , x =0 , y =64 , v =1512

$$\le =17$$
 , h =85 , x =83 , y =0 , v =1445

$$\le =36$$
 , h =29 , x =42 , y =64 , v =1044

$$\le =20$$
 , h =15 , x =80 , y =85 , v =300



$$w = 60$$
,  $h = 63$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3780$ 

$$w=\!19$$
 ,  $h=\!88$  ,  $x=\!80$  ,  $y=\!11$  ,  $v=\!1672$ 

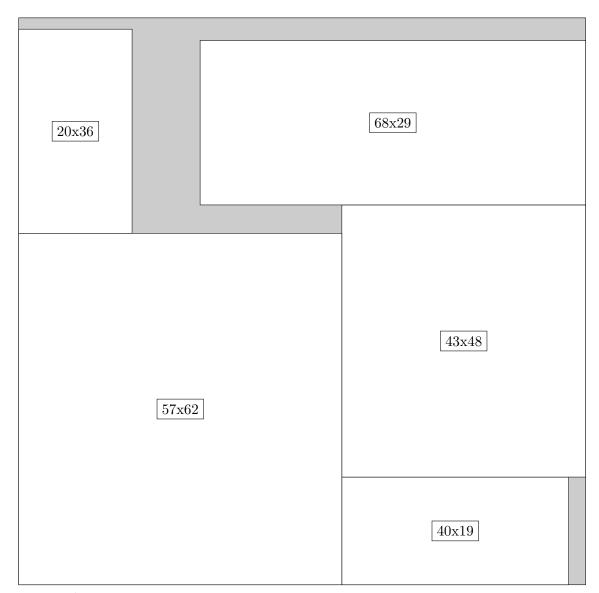
$$\le =43$$
 ,  $h=37$  ,  $x=0$  ,  $y=63$  ,  $v=1591$ 

$$w = 20$$
,  $h = 39$ ,  $x = 60$ ,  $y = 11$ ,  $v = 780$ 

$$w = 19$$
,  $h = 28$ ,  $x = 61$ ,  $y = 50$ ,  $v = 532$ 

$$w = 40$$
,  $h = 11$ ,  $x = 60$ ,  $y = 0$ ,  $v = 440$ 

$$w=\!18$$
 ,  $h=\!18$  ,  $x=\!43$  ,  $y=\!63$  ,  $v=\!324$ 



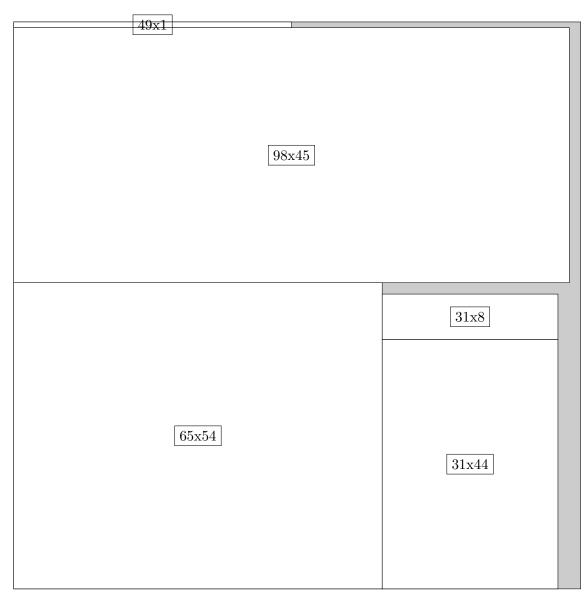
$$\le =40$$
 , h =19 , x =57 , y =0 , v =760

$$\le =43$$
 , h =48 , x =57 , y =19 , v =2064

$$\le =68$$
 , h =29 , x =32 , y =67 , v =1972

$$\le 57$$
 , h =62 , x =0 , y =0 , v =3534

$$\le =20$$
 , h =36 , x =0 , y =62 , v =720



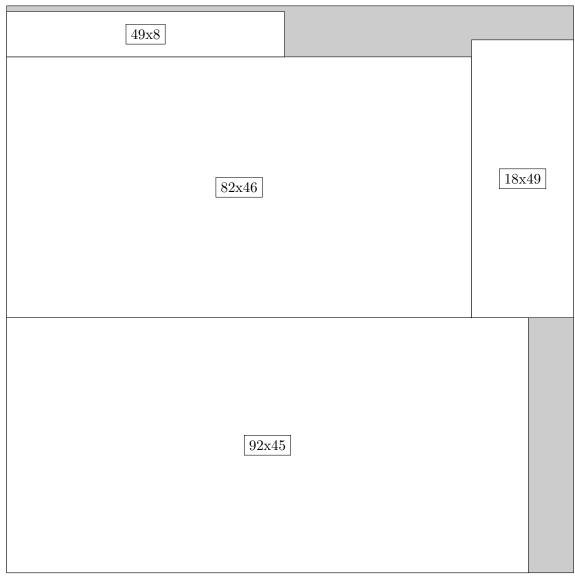
$$\le =98$$
 ,  $h=45$  ,  $x=0$  ,  $y=54$  ,  $v=4410$ 

$$\le =65$$
 ,  $h=54$  ,  $x=0$  ,  $y=0$  ,  $v=3510$ 

$$\le =31$$
 , h =44 , x =65 , y =0 , v =1364

$$\le =31$$
 , h =8 , x =65 , y =44 , v =248

$$\mathbf{w}$$
 =49 , h =1 , x =0 , y =99 , v =49

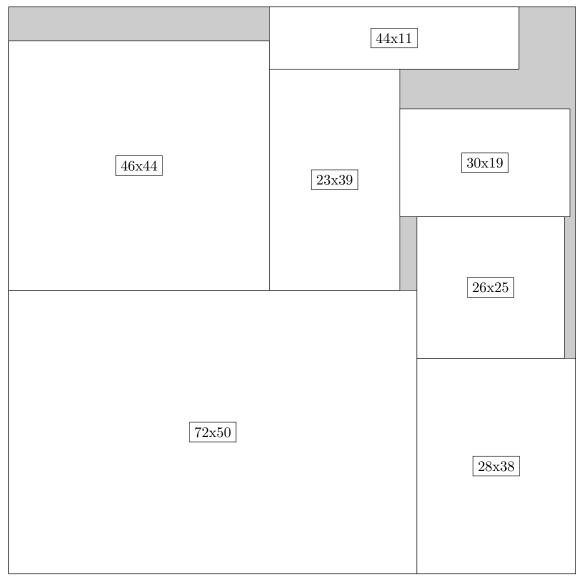


$$\le =92$$
 ,  $h=45$  ,  $x=0$  ,  $y=0$  ,  $v=4140$ 

$$\le =82$$
 , h =46 , x =0 , y =45 , v =3772

$$w$$
 =18 , h =49 , x =82 , y =45 , v =882

$$\le =49$$
 , h =8 , x =0 , y =91 , v =392



$$w = 72$$
,  $h = 50$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3600$ 

$$w = 46$$
,  $h = 44$ ,  $x = 0$ ,  $y = 50$ ,  $v = 2024$ 

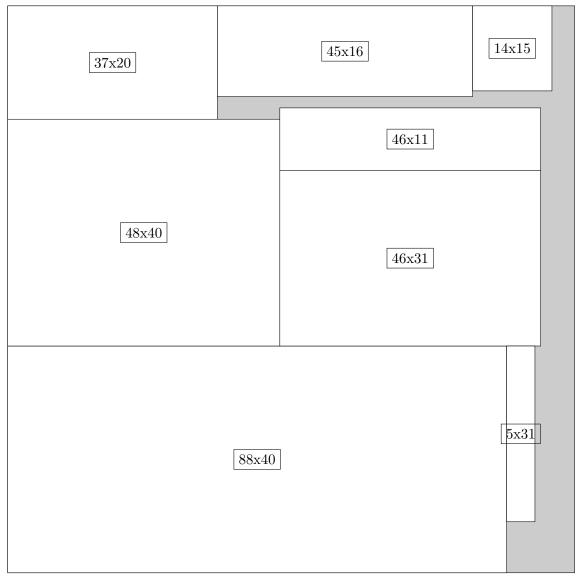
$$\le =28$$
 , h =38 , x =72 , y =0 , v =1064

$$\le =23$$
 , h =39 , x =46 , y =50 , v =897

$$\le =26$$
 , h =25 , x =72 , y =38 , v =650

$$\le =30$$
 ,  $h=19$  ,  $x=69$  ,  $y=63$  ,  $v=570$ 

$$w=\!44$$
 ,  $h=\!11$  ,  $x=\!46$  ,  $y=\!89$  ,  $v=\!484$ 



$$w = 88$$
,  $h = 40$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3520$ 

$$\mathbf{w}=\!\!48$$
 ,  $\mathbf{h}=\!\!40$  ,  $\mathbf{x}=\!\!0$  ,  $\mathbf{y}=\!\!40$  ,  $\mathbf{v}=\!\!1920$ 

$$w=\!\!46$$
 ,  $h=\!\!31$  ,  $x=\!\!48$  ,  $y=\!\!40$  ,  $v=\!\!1426$ 

$$w = 37$$
,  $h = 20$ ,  $x = 0$ ,  $y = 80$ ,  $v = 740$ 

$$\le =45$$
 ,  $h=16$  ,  $x=37$  ,  $y=84$  ,  $v=720$ 

$$w$$
 =46 ,  $h$  =11 ,  $x$  =48 ,  $y$  =71 ,  $v$  =506

$$w = 14$$
,  $h = 15$ ,  $x = 82$ ,  $y = 85$ ,  $v = 210$ 

$$w$$
 =5 , h =31 , x =88 , y =9 , v =155