${\bf ClassName:}\ {\bf Class_10.2bp\text{-}20}$

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: 11

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

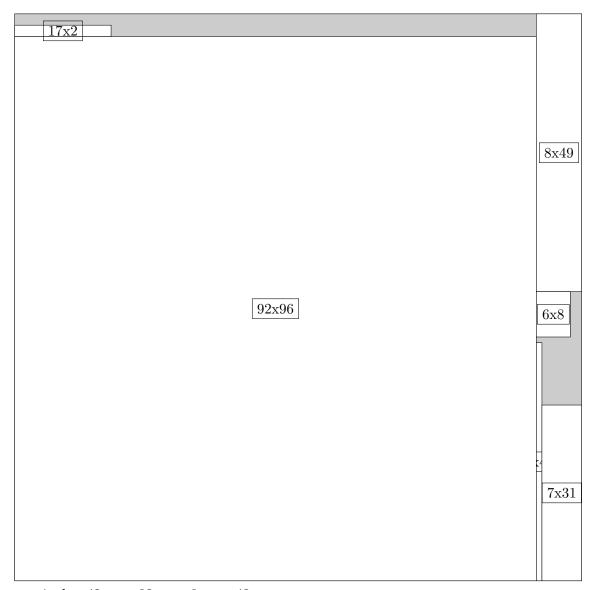
LBWithCut: $\underline{\mathbf{11}}$ NodeCut: $\underline{\mathbf{0}}$

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

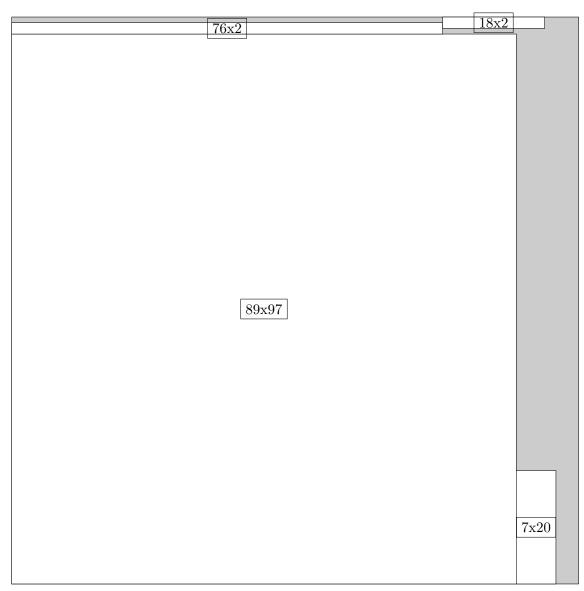
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{11}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

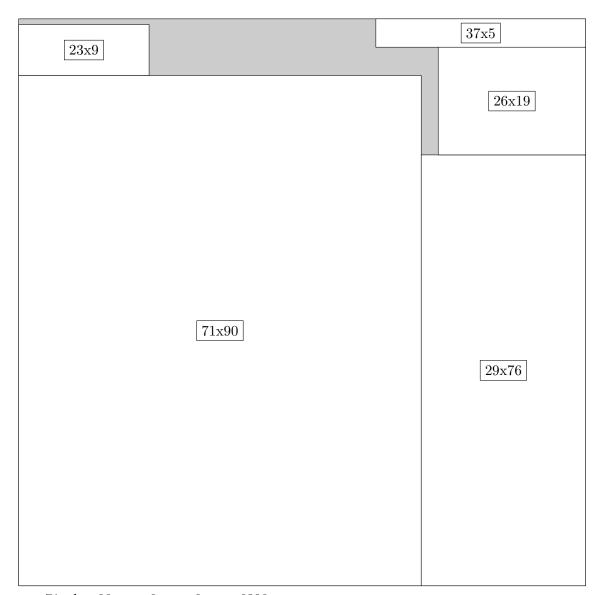
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.810 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.062 \ s} \\ {\rm TotalTime:} \ \underline{0.935 \ s} \end{array}$



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



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



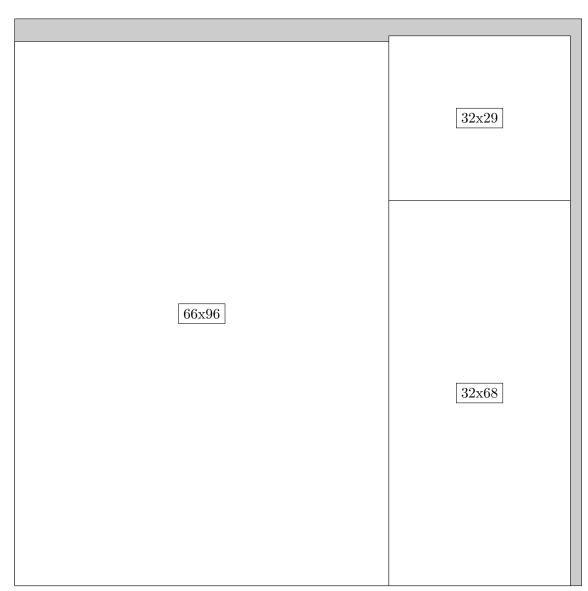
$$\le =71$$
 , h =90 , x =0 , y =0 , v =6390

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

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

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

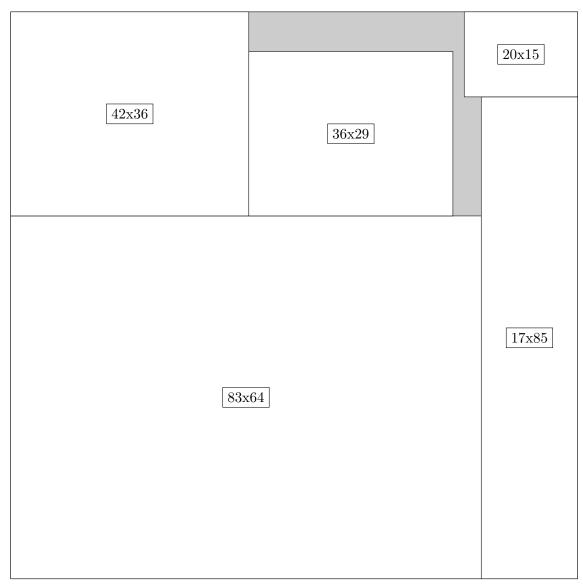
$$w$$
 =37 , h =5 , x =63 , y =95 , v =185



$$\le =66$$
 , 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



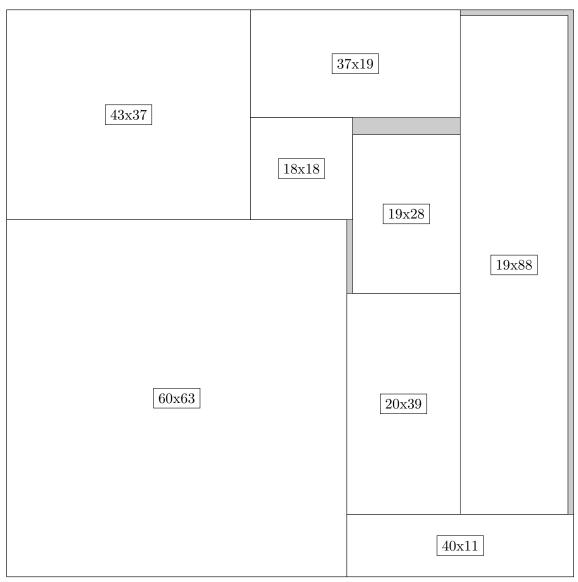
$$w = 83$$
, $h = 64$, $x = 0$, $y = 0$, $v = 5312$

$$\le =42$$
 , 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



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

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

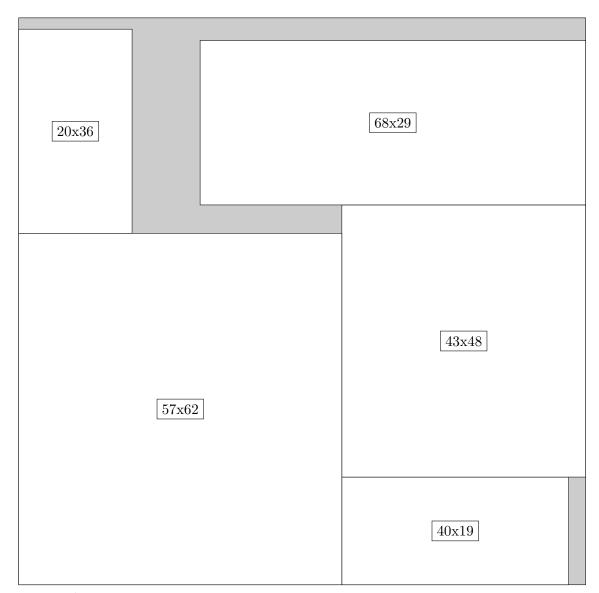
$$\le =43$$
 , $h=37$, $x=0$, $y=63$, $v=1591$

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

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

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

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



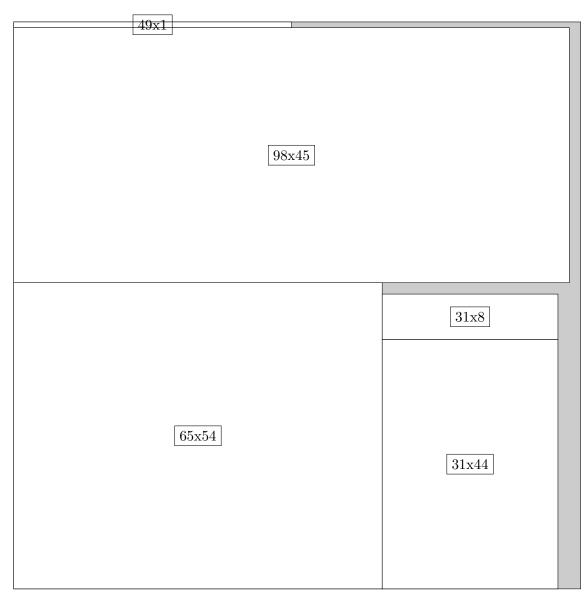
$$\le =40$$
 , h =19 , x =57 , y =0 , v =760

$$\le =43$$
 , 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



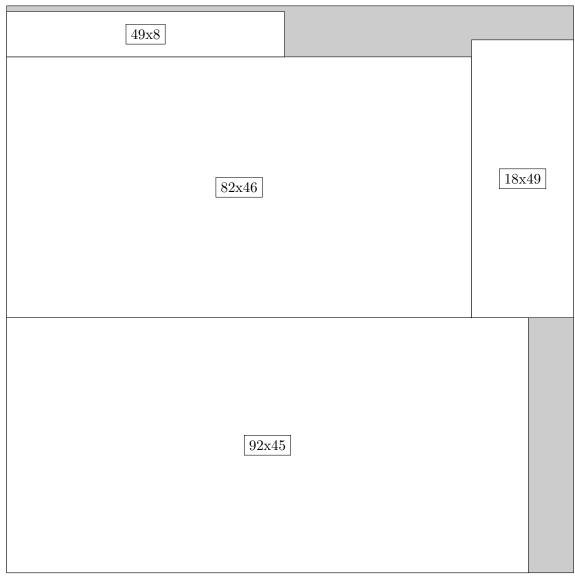
$$\le =98$$
 , $h=45$, $x=0$, $y=54$, $v=4410$

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

$$\le =31$$
 , 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

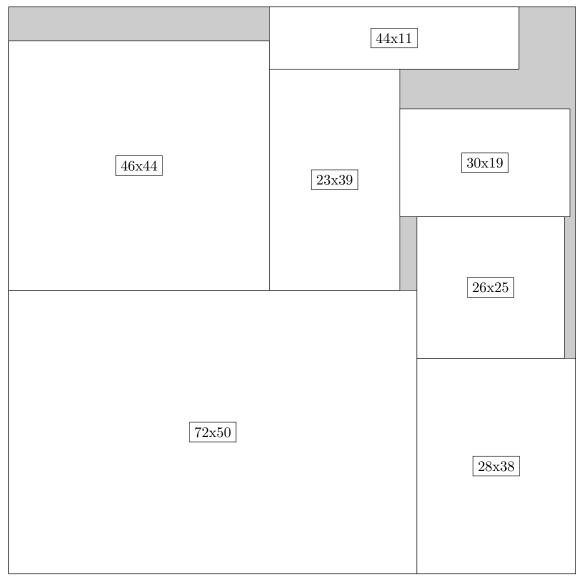


$$\le =92$$
 , $h=45$, $x=0$, $y=0$, $v=4140$

$$\le =82$$
 , 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



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

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

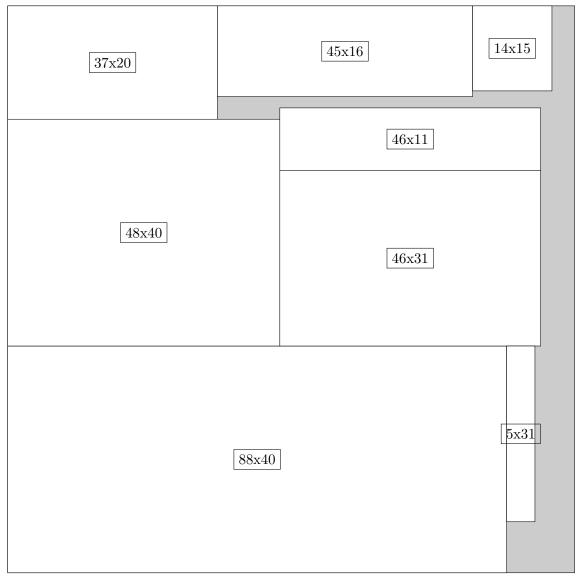
$$\le =28$$
 , h =38 , x =72 , y =0 , v =1064

$$\le =23$$
 , 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