${\bf ClassName:}~{\bf Class_10.2bp\text{-}39}$

BinSize: 100×100 ReduceSize: 100×100

TypeNum: 79 Num: **80** OutS: 150000InS: 133665Rate: 0.891UB: <u>15</u>

LB0: <u>14</u> LB: **15**

LBWithCut: **15** NodeCut: 0

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

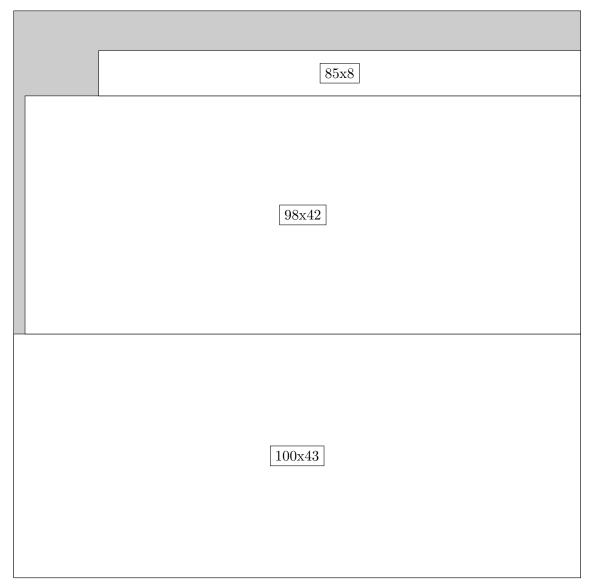
GenNodeCnt: $\mathbf{1}$ PrimalNode: $\mathbf{0}$ ColumnCount: 65 $TotalCutCount: \ \mathbf{0}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: 51PricingSolverCnt: 51BranchAndBoundNum: $\underline{\mathbf{1}}$

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

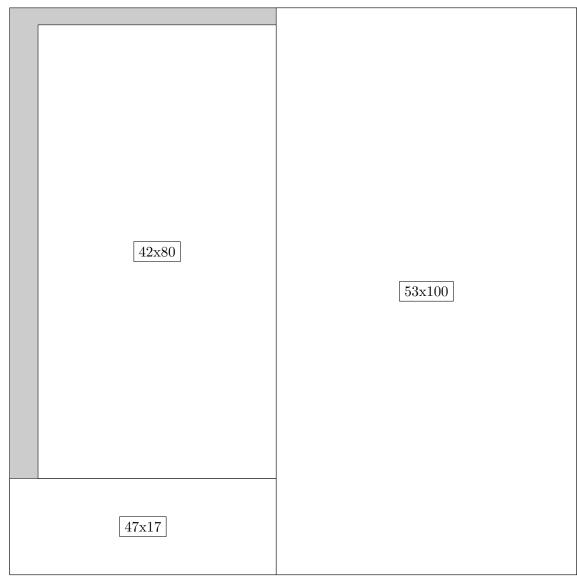
TimeOnInitSolution: $\underline{600.000 \text{ s}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 2999.605 s

TimeOnRmp: 0.105 sTotalTime: 3600.002 s



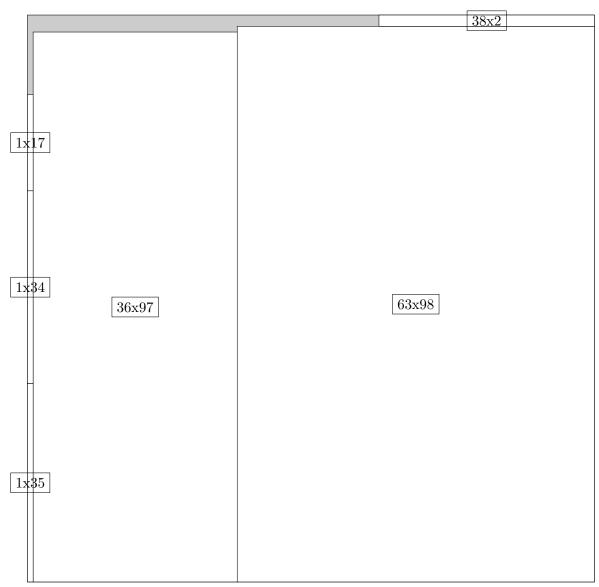
$$\begin{array}{l} w = \! 100 \ , \ h = \! 43 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4300 \\ w = \! 98 \ , \ h = \! 42 \ , \ x = \! 2 \ , \ y = \! 43 \ , \ v = \! 4116 \\ w = \! 85 \ , \ h = \! 8 \ , \ x = \! 15 \ , \ y = \! 85 \ , \ v = \! 680 \end{array}$$



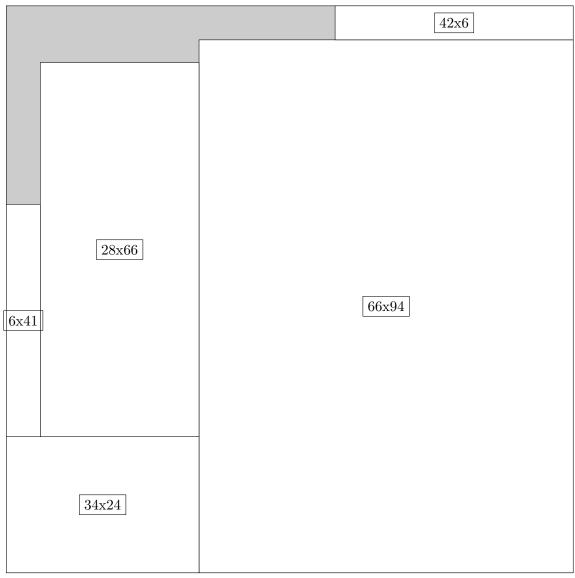
$$w$$
 =53 , h =100 , x =47 , y =0 , v =5300

$$\le =47$$
 , $h=17$, $x=0$, $y=0$, $v=799$

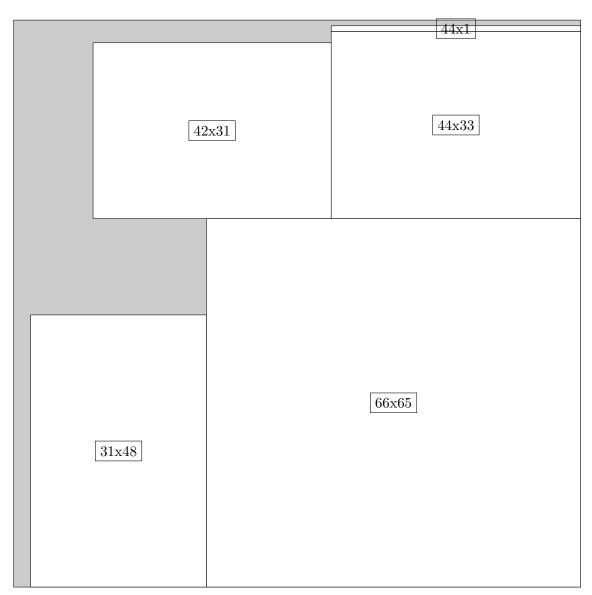
$$\le =42$$
 , h =80 , x =5 , y =17 , v =3360



 $\begin{array}{l} w = 63 \; , \; h = 98 \; , \; x = 37 \; , \; y = 0 \; , \; v = 6174 \\ w = 38 \; , \; h = 2 \; , \; x = 62 \; , \; y = 98 \; , \; v = 76 \\ w = 36 \; , \; h = 97 \; , \; x = 1 \; , \; y = 0 \; , \; v = 3492 \\ w = 1 \; , \; h = 35 \; , \; x = 0 \; , \; y = 0 \; , \; v = 35 \\ w = 1 \; , \; h = 34 \; , \; x = 0 \; , \; y = 35 \; , \; v = 34 \\ w = 1 \; , \; h = 17 \; , \; x = 0 \; , \; y = 69 \; , \; v = 17 \end{array}$



$$\begin{array}{l} w=66\;,\; h=94\;,\; x=34\;,\; y=0\;,\; v=6204\\ w=34\;,\; h=24\;,\; x=0\;,\; y=0\;,\; v=816\\ w=28\;,\; h=66\;,\; x=6\;,\; y=24\;,\; v=1848\\ w=6\;,\; h=41\;,\; x=0\;,\; y=24\;,\; v=246\\ w=42\;,\; h=6\;,\; x=58\;,\; y=94\;,\; v=252 \end{array}$$



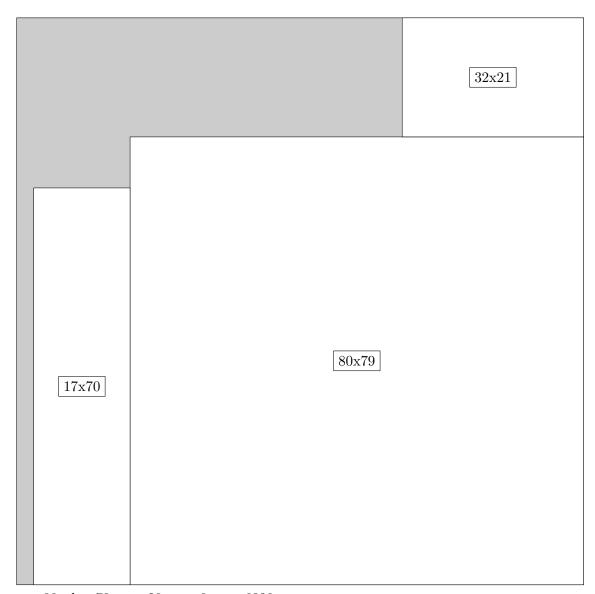
$$\le =66$$
 , $h=65$, $x=34$, $y=0$, $v=4290$

$$\le =31$$
 , $h=48$, $x=3$, $y=0$, $v=1488$

$$w$$
 =44 , h =33 , x =56 , y =65 , v =1452

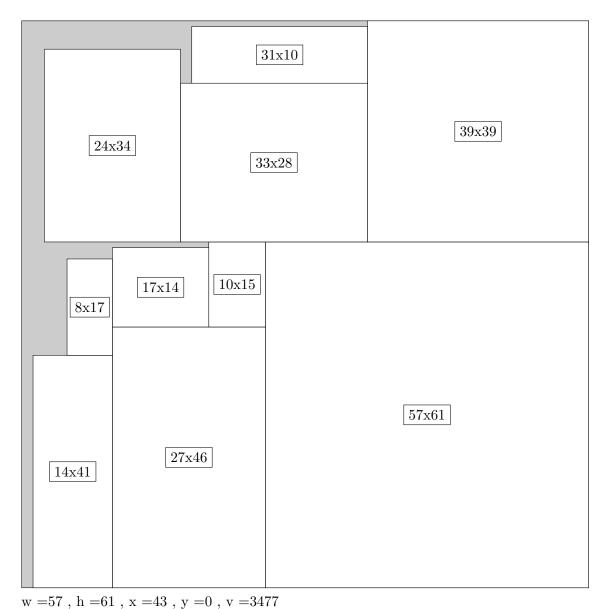
$$\mathbf{w}$$
 =44 , h =1 , x =56 , y =98 , v =44

$$\le =42$$
 , h =31 , x =14 , y =65 , v =1302



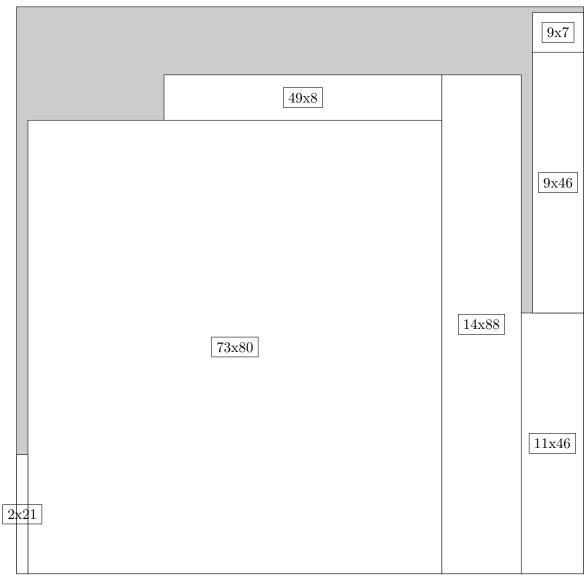
$$\begin{array}{l} w = \! 80 \ , \ h = \! 79 \ , \ x = \! 20 \ , \ y = \! 0 \ , \ v = \! 6320 \\ w = \! 17 \ , \ h = \! 70 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 1190 \end{array}$$

$$w = 32$$
, $h = 21$, $x = 68$, $y = 79$, $v = 672$

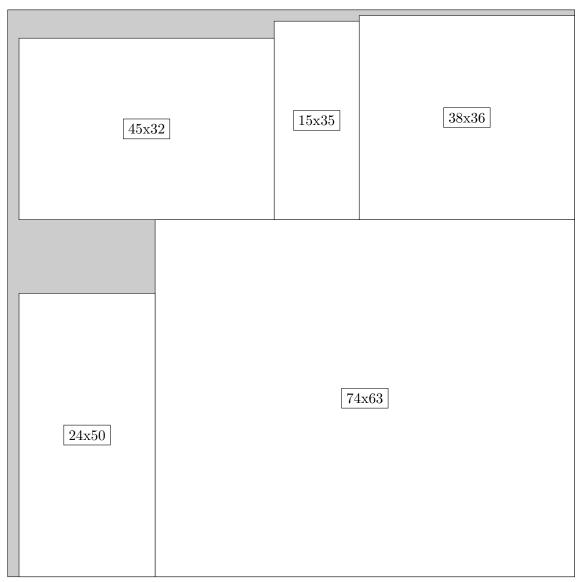


$$\begin{array}{l} w=27\;,\; h=46\;,\; x=16\;,\; y=0\;,\; v=1242\\ w=10\;,\; h=15\;,\; x=33\;,\; y=46\;,\; v=150\\ w=17\;,\; h=14\;,\; x=16\;,\; y=46\;,\; v=238\\ w=14\;,\; h=41\;,\; x=2\;,\; y=0\;,\; v=574\\ w=8\;,\; h=17\;,\; x=8\;,\; y=41\;,\; v=136\\ w=39\;,\; h=39\;,\; x=61\;,\; y=61\;,\; v=1521\\ w=33\;,\; h=28\;,\; x=28\;,\; y=61\;,\; v=924\\ w=31\;,\; h=10\;,\; x=30\;,\; y=89\;,\; v=310\\ \end{array}$$

w = 24, h = 34, x = 4, y = 61, v = 816



 $\begin{array}{l} w=11\;,\; h=46\;,\; x=89\;,\; y=0\;,\; v=506\\ w=9\;,\; h=46\;,\; x=91\;,\; y=46\;,\; v=414\\ w=9\;,\; h=7\;,\; x=91\;,\; y=92\;,\; v=63\\ w=14\;,\; h=88\;,\; x=75\;,\; y=0\;,\; v=1232\\ w=73\;,\; h=80\;,\; x=2\;,\; y=0\;,\; v=5840\\ w=49\;,\; h=8\;,\; x=26\;,\; y=80\;,\; v=392\\ w=2\;,\; h=21\;,\; x=0\;,\; y=0\;,\; v=42 \end{array}$



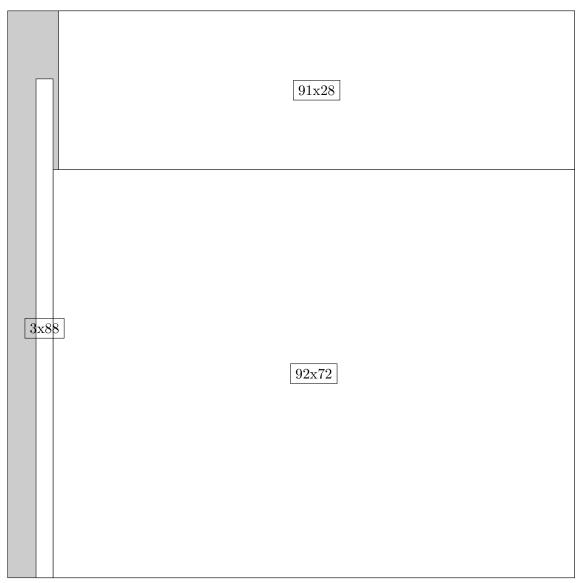
$$w = 74$$
, $h = 63$, $x = 26$, $y = 0$, $v = 4662$

$$\le =24$$
 , $h=\!50$, $x=\!2$, $y=\!0$, $v=\!1200$

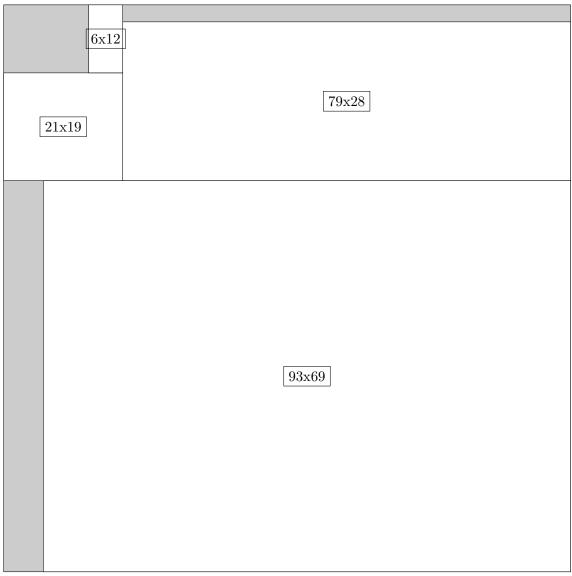
$$\le =38$$
 , h =36 , x =62 , y =63 , v =1368

$$\le =15$$
 , h =35 , x =47 , y =63 , v =525

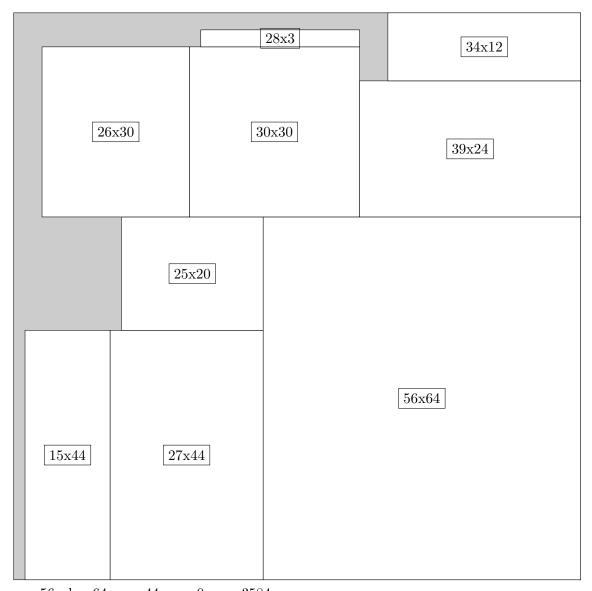
$$w = 45$$
, $h = 32$, $x = 2$, $y = 63$, $v = 1440$



$$\begin{array}{l} w = 92 \ , \ h = 72 \ , \ x = 8 \ , \ y = 0 \ , \ v = 6624 \\ w = 91 \ , \ h = 28 \ , \ x = 9 \ , \ y = 72 \ , \ v = 2548 \\ w = 3 \ , \ h = 88 \ , \ x = 5 \ , \ y = 0 \ , \ v = 264 \end{array}$$



$$\begin{array}{l} w = \! 93 \ , \ h = \! 69 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 6417 \\ w = \! 79 \ , \ h = \! 28 \ , \ x = \! 21 \ , \ y = \! 69 \ , \ v = \! 2212 \\ w = \! 21 \ , \ h = \! 19 \ , \ x = \! 0 \ , \ y = \! 69 \ , \ v = \! 399 \\ w = \! 6 \ , \ h = \! 12 \ , \ x = \! 15 \ , \ y = \! 88 \ , \ v = \! 72 \end{array}$$



$$\begin{array}{l} w = \!\! 56 \ , \ h = \!\! 64 \ , \ x = \!\! 44 \ , \ y = \!\! 0 \ , \ v = \!\! 3584 \\ w = \!\! 27 \ , \ h = \!\! 44 \ , \ x = \!\! 17 \ , \ y = \!\! 0 \ , \ v = \!\! 1188 \end{array}$$

$$\le =15$$
 , h =44 , x =2 , y =0 , v =660

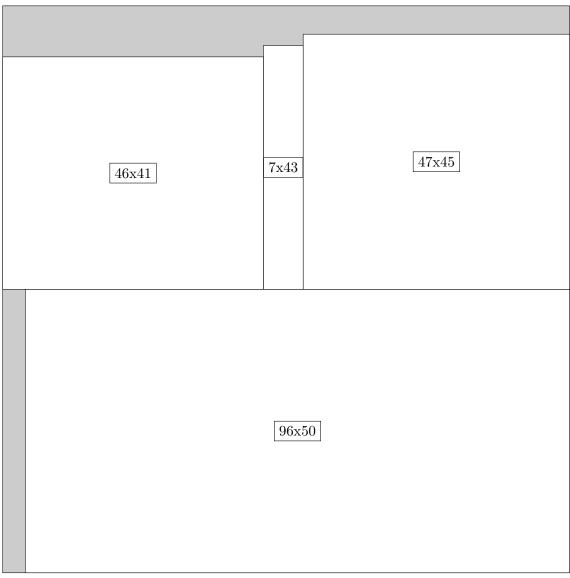
$$\le =25$$
 , h =20 , x =19 , y =44 , v =500

$$w = 34$$
, $h = 12$, $x = 66$, $y = 88$, $v = 408$

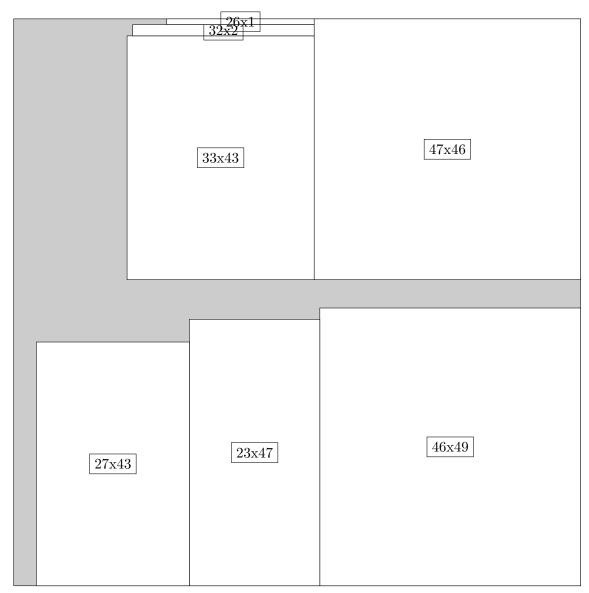
$$w = 30$$
, $h = 30$, $x = 31$, $y = 64$, $v = 900$

$$w = 28$$
, $h = 3$, $x = 33$, $y = 94$, $v = 84$

$$\le =26$$
 , $h=30$, $x=5$, $y=64$, $v=780$



$$\begin{array}{l} w = \!96 \ , \ h = \!50 \ , \ x = \!4 \ , \ y = \!0 \ , \ v = \!4800 \\ w = \!47 \ , \ h = \!45 \ , \ x = \!53 \ , \ y = \!50 \ , \ v = \!2115 \\ w = \!7 \ , \ h = \!43 \ , \ x = \!46 \ , \ y = \!50 \ , \ v = \!301 \\ w = \!46 \ , \ h = \!41 \ , \ x = \!0 \ , \ y = \!50 \ , \ v = \!1886 \end{array}$$



$$w = 46$$
, $h = 49$, $x = 54$, $y = 0$, $v = 2254$

$$w = 23$$
, $h = 47$, $x = 31$, $y = 0$, $v = 1081$

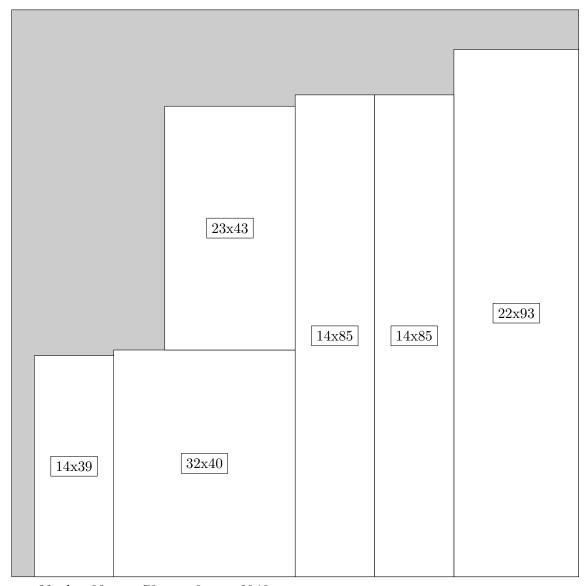
$$\le =27$$
 , h =43 , x =4 , y =0 , v =1161

$$\le =47$$
 , h =46 , x =53 , y =54 , v =2162

$$w=\!33$$
 , $h=\!43$, $x=\!20$, $y=\!54$, $v=\!1419$

$$w=\!32$$
 , $h=\!2$, $x=\!21$, $y=\!97$, $v=\!64$

$$\le =26$$
 , $h=1$, $x=27$, $y=99$, $v=26$



$$\le =22$$
 , h =93 , x =78 , y =0 , v =2046

$$w=\!14$$
 , $h=\!85$, $x=\!64$, $y=\!0$, $v=\!1190$

$$\le =14$$
 , $h=85$, $x=50$, $y=0$, $v=1190$

$$\le =32$$
 , h =40 , x =18 , y =0 , v =1280

$$\le =14$$
 , $h=39$, $x=4$, $y=0$, $v=546$

$$w=\!23$$
 , $h=\!43$, $x=\!27$, $y=\!40$, $v=\!989$