$ClassName: {\bf Class_10.2bp-41}$

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

TypeNum: <u>99</u> Num: <u>100</u> OutS: <u>160000</u> InS: <u>146010</u> Rate: <u>0.913</u> UB: <u>16</u> LB0: <u>15</u> LB: <u>16</u>

LBWithCut: $\underline{\bf 16}$ NodeCut: $\underline{\bf 0}$

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

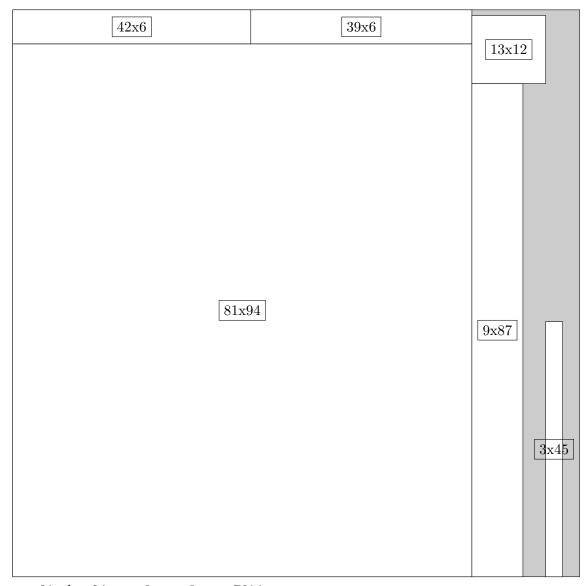
GenNodeCnt: $\underline{1}$ PrimalNode: $\underline{0}$ ColumnCount: $\underline{78}$ TotalCutCount: $\underline{0}$ RootCutCount: $\underline{0}$ LPSolverCnt: $\underline{62}$ PricingSolverCnt: $\underline{62}$ BranchAndBoundNum: $\underline{1}$

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

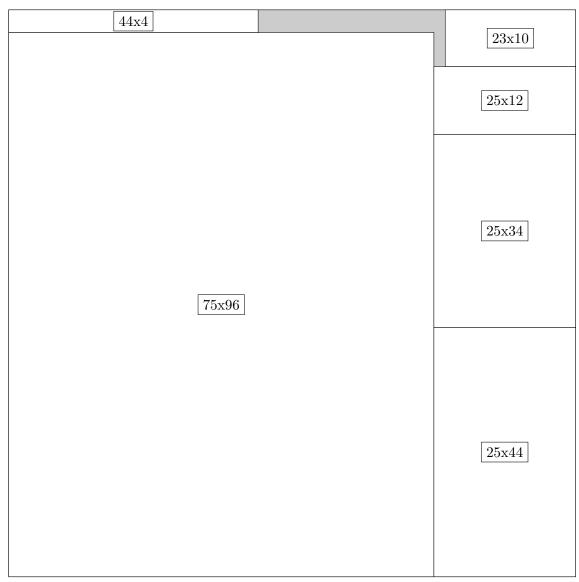
TimeOnInitSolution: $\underline{120.020 \text{ s}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 3603.875 s

TimeOnRmp: $\underline{0.110 \text{ s}}$ TotalTime: $\underline{3724.082 \text{ s}}$



 $\begin{array}{l} w = \! 81 \;,\; h = \! 94 \;,\; x = \! 0 \;,\; y = \! 0 \;,\; v = \! 7614 \\ w = \! 9 \;,\; h = \! 87 \;,\; x = \! 81 \;,\; y = \! 0 \;,\; v = \! 783 \\ w = \! 42 \;,\; h = \! 6 \;,\; x = \! 0 \;,\; y = \! 94 \;,\; v = \! 252 \\ w = \! 39 \;,\; h = \! 6 \;,\; x = \! 42 \;,\; y = \! 94 \;,\; v = \! 234 \\ w = \! 13 \;,\; h = \! 12 \;,\; x = \! 81 \;,\; y = \! 87 \;,\; v = \! 156 \\ w = \! 3 \;,\; h = \! 45 \;,\; x = \! 94 \;,\; y = \! 0 \;,\; v = \! 135 \end{array}$



$$w = 75$$
, $h = 96$, $x = 0$, $y = 0$, $v = 7200$

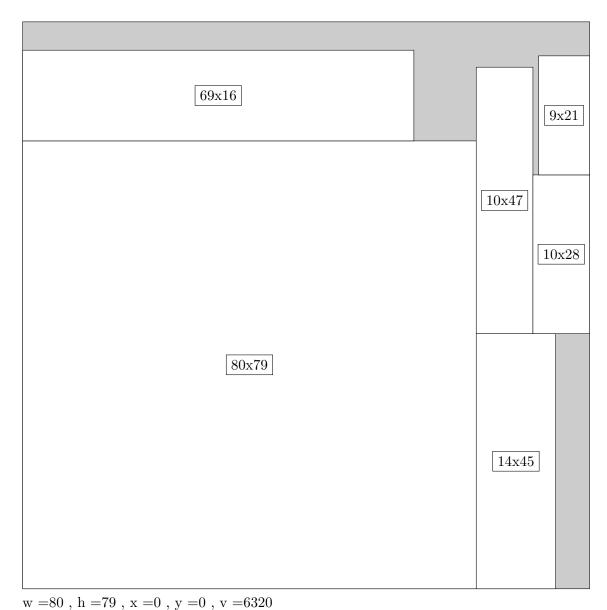
$$w$$
 =25 , h =44 , x =75 , y =0 , v =1100

$$\le =25$$
 , h =34 , x =75 , y =44 , v =850

$$\le =25$$
 , h =12 , x =75 , y =78 , v =300

$$\le =23$$
 , h =10 , x =77 , y =90 , v =230

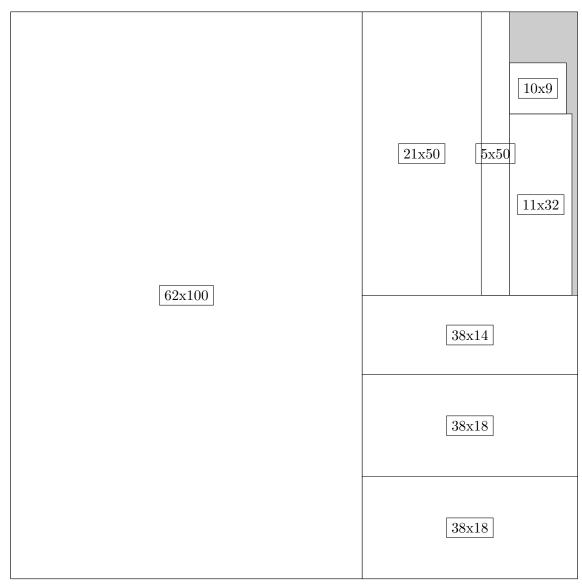
$$\mathbf{w}=\!\!44$$
 , $\mathbf{h}=\!\!4$, $\mathbf{x}=\!\!0$, $\mathbf{y}=\!\!96$, $\mathbf{v}=\!\!176$



$$w$$
 =10 , h =47 , x =80 , y =45 , v =470

$$\le =10$$
 , $h=28$, $x=90$, $y=45$, $v=280$

$$\le =9$$
 , h =21 , x =91 , y =73 , v =189



$$w = 62$$
, $h = 100$, $x = 0$, $y = 0$, $v = 6200$

$$w$$
 =21 , h =50 , x =62 , y =50 , v =1050

$$\le =38$$
 , h =18 , x =62 , y =0 , v =684

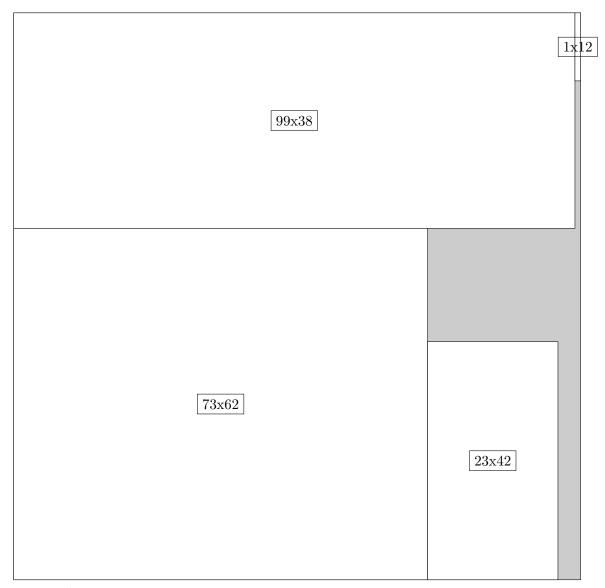
$$w = 38$$
, $h = 18$, $x = 62$, $y = 18$, $v = 684$

$$\le =38$$
 , $h=14$, $x=62$, $y=36$, $v=532$

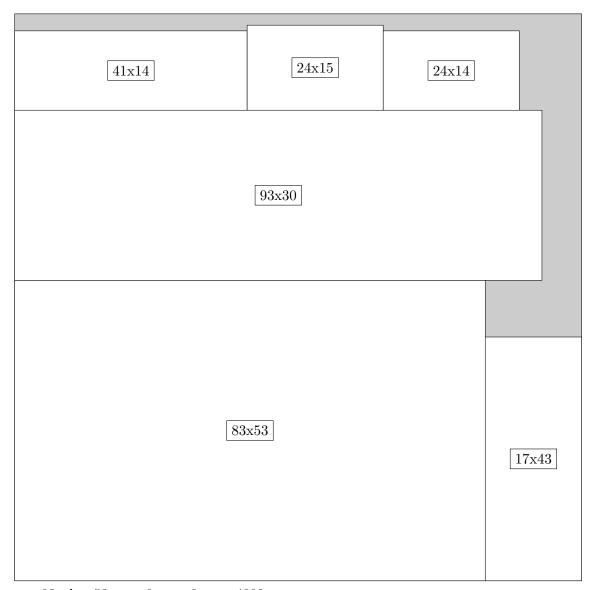
$$w$$
 =11 , h =32 , x =88 , y =50 , v =352

$$w = 5$$
, $h = 50$, $x = 83$, $y = 50$, $v = 250$

$$\le =10$$
 , h =9 , x =88 , y =82 , v =90



$$\begin{array}{l} w = 73 \ , \ h = 62 \ , \ x = 0 \ , \ y = 0 \ , \ v = 4526 \\ w = 99 \ , \ h = 38 \ , \ x = 0 \ , \ y = 62 \ , \ v = 3762 \\ w = 23 \ , \ h = 42 \ , \ x = 73 \ , \ y = 0 \ , \ v = 966 \\ w = 1 \ , \ h = 12 \ , \ x = 99 \ , \ y = 88 \ , \ v = 12 \end{array}$$



$$\le =83$$
 , $h=53$, $x=0$, $y=0$, $v=4399$

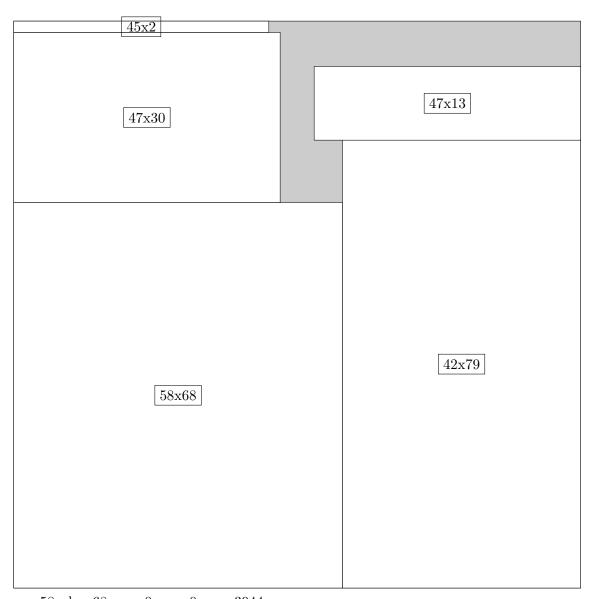
$$\le =93$$
 , $h=30$, $x=0$, $y=53$, $v=2790$

$$\le =17$$
 , h =43 , x =83 , y =0 , v =731

$$\mathbf{w}$$
 =41 , h =14 , x =0 , y =83 , v =574

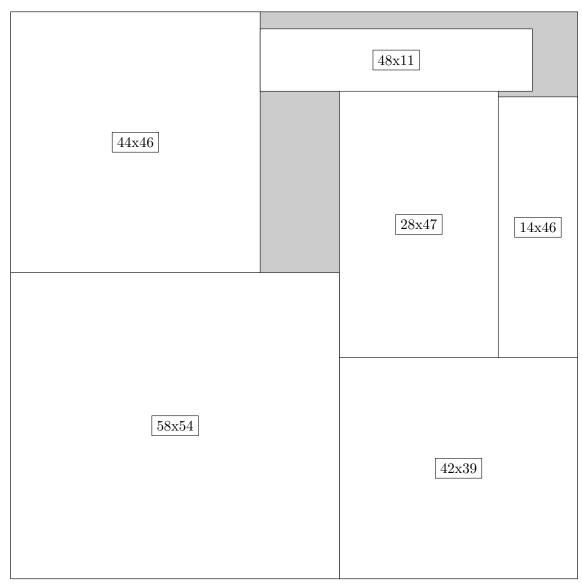
$$\le =24$$
 , $h=15$, $x=41$, $y=83$, $v=360$

$$\le =24$$
 , $h=14$, $x=65$, $y=83$, $v=336$



$$\begin{array}{l} w = 58 \; , \; h = 68 \; , \; x = 0 \; , \; y = 0 \; , \; v = 3944 \\ w = 42 \; , \; h = 79 \; , \; x = 58 \; , \; y = 0 \; , \; v = 3318 \\ w = 47 \; , \; h = 30 \; , \; x = 0 \; , \; y = 68 \; , \; v = 1410 \end{array}$$

$$w = 47$$
, $h = 13$, $x = 53$, $y = 79$, $v = 611$



$$w = 58$$
, $h = 54$, $x = 0$, $y = 0$, $v = 3132$

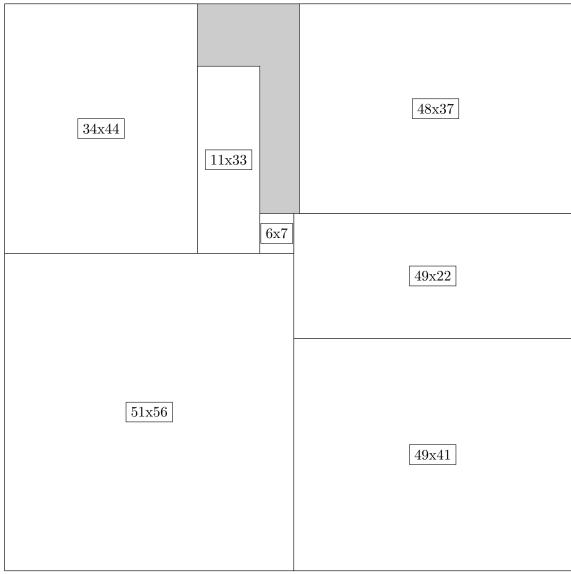
$$w = 44$$
, $h = 46$, $x = 0$, $y = 54$, $v = 2024$

$$\le =42$$
 , h =39 , x =58 , y =0 , v =1638

$$\le =28$$
 , h =47 , x =58 , y =39 , v =1316

$$w=\!14$$
 , $h=\!46$, $x=\!86$, $y=\!39$, $v=\!644$

$$w$$
 =48 , h =11 , x =44 , y =86 , v =528



$$\le =51$$
 , $h=56$, $x=0$, $y=0$, $v=2856$

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

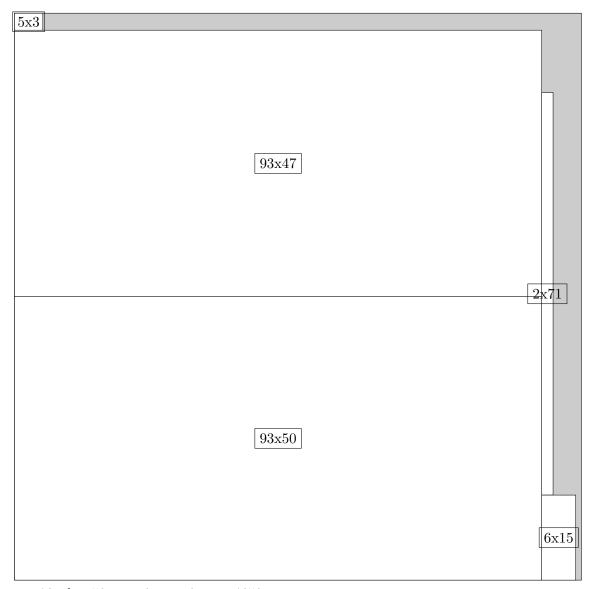
$$\le =48$$
 , h =37 , x =52 , y =63 , v =1776

$$\le =34$$
 , h =44 , x =0 , y =56 , v =1496

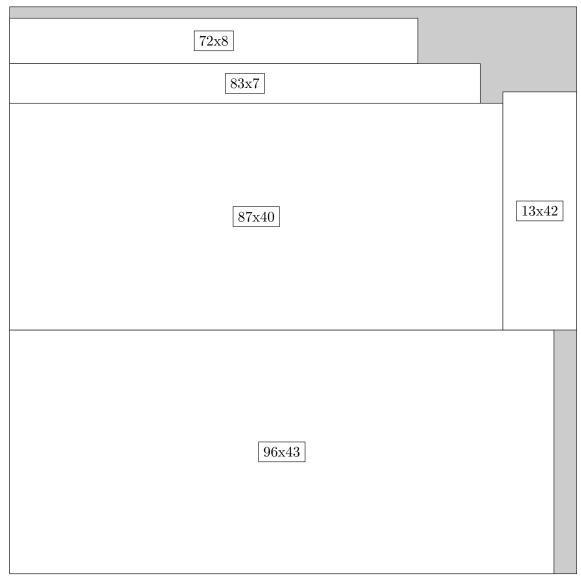
$$w$$
 =49 , h =22 , x =51 , y =41 , v =1078

$$w=\!11$$
 , $h=\!33$, $x=\!34$, $y=\!56$, $v=\!363$

$$w=\!6$$
 , $h=\!7$, $x=\!45$, $y=\!56$, $v=\!42$



$$\begin{array}{l} w = \! 93 \ , \ h = \! 50 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4650 \\ w = \! 93 \ , \ h = \! 47 \ , \ x = \! 0 \ , \ y = \! 50 \ , \ v = \! 4371 \\ w = \! 2 \ , \ h = \! 71 \ , \ x = \! 93 \ , \ y = \! 15 \ , \ v = \! 142 \\ w = \! 6 \ , \ h = \! 15 \ , \ x = \! 93 \ , \ y = \! 0 \ , \ v = \! 90 \\ w = \! 5 \ , \ h = \! 3 \ , \ x = \! 0 \ , \ y = \! 97 \ , \ v = \! 15 \end{array}$$



$$w = 96$$
, $h = 43$, $x = 0$, $y = 0$, $v = 4128$

$$\le =87$$
 , h =40 , x =0 , y =43 , v =3480

$$\le =83$$
 , h =7 , x =0 , y =83 , v =581

$$\le =72$$
 , h =8 , x =0 , y =90 , v =576

$$\le =13$$
 , h =42 , x =87 , y =43 , v =546



$$\le =80$$
 , $h=36$, $x=0$, $y=0$, $v=2880$

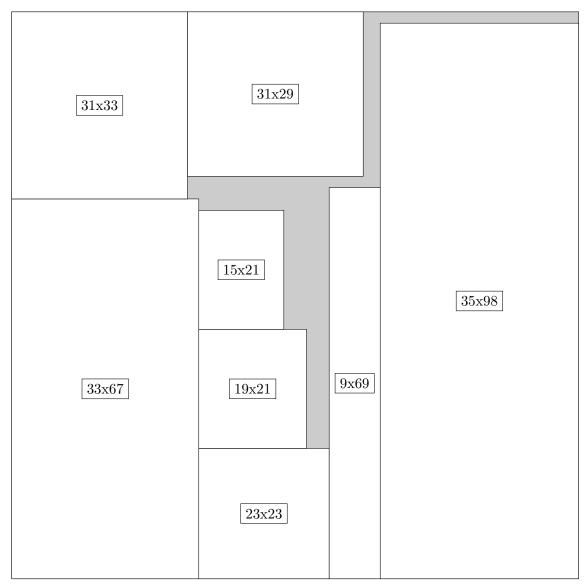
$$\le =31$$
 , $h=48$, $x=0$, $y=36$, $v=1488$

$$\le =84$$
 , h =16 , x =0 , y =84 , v =1344

$$\le =18$$
 , $h=34$, $x=\!80$, $y=\!0$, $v=\!612$

$$\le =10$$
 , $h=26$, $x=84$, $y=72$, $v=260$

$$w$$
 =69 , h =36 , x =31 , y =36 , v =2484



$$w = 35$$
, $h = 98$, $x = 65$, $y = 0$, $v = 3430$

$$w = 33$$
, $h = 67$, $x = 0$, $y = 0$, $v = 2211$

$$\le =23$$
 , h =23 , x =33 , y =0 , v =529

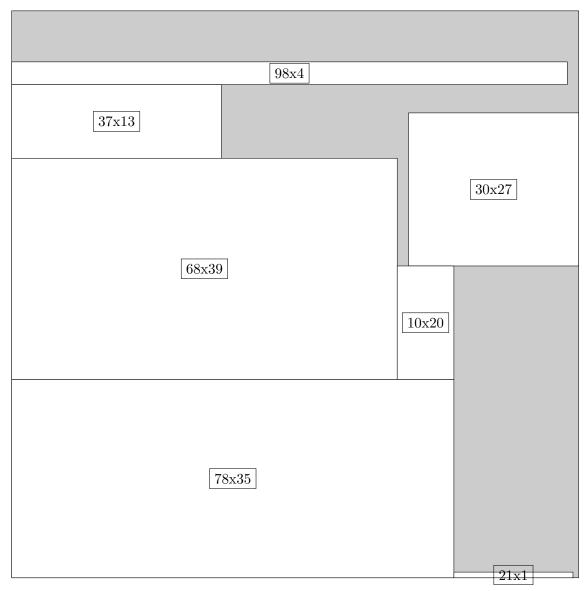
$$\le =31$$
 , h =29 , x =31 , y =71 , v =899

$$w=9$$
 , $h=\!69$, $x=\!56$, $y=\!0$, $v=\!621$

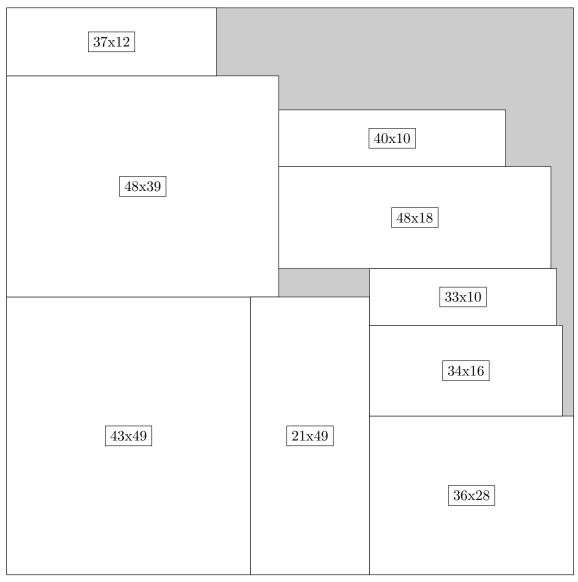
$$\le =31$$
 , $h=33$, $x=0$, $y=67$, $v=1023$

$$w=\!19$$
 , $h=\!21$, $x=\!33$, $y=\!23$, $v=\!399$

$$w$$
 =15 , h =21 , x =33 , y =44 , v =315



$$\begin{array}{l} w=78 \ , \ h=35 \ , \ x=0 \ , \ y=0 \ , \ v=2730 \\ w=68 \ , \ h=39 \ , \ x=0 \ , \ y=35 \ , \ v=2652 \\ w=30 \ , \ h=27 \ , \ x=70 \ , \ y=55 \ , \ v=810 \\ w=37 \ , \ h=13 \ , \ x=0 \ , \ y=74 \ , \ v=481 \\ w=98 \ , \ h=4 \ , \ x=0 \ , \ y=87 \ , \ v=392 \\ w=10 \ , \ h=20 \ , \ x=68 \ , \ y=35 \ , \ v=200 \\ w=21 \ , \ h=1 \ , \ x=78 \ , \ y=0 \ , \ v=21 \end{array}$$



$$\le =48$$
 , $h=39$, $x=0$, $y=49$, $v=1872$

$$w=\!21$$
 , $h=\!49$, $x=\!43$, $y=\!0$, $v=\!1029$

$$w = 36$$
, $h = 28$, $x = 64$, $y = 0$, $v = 1008$

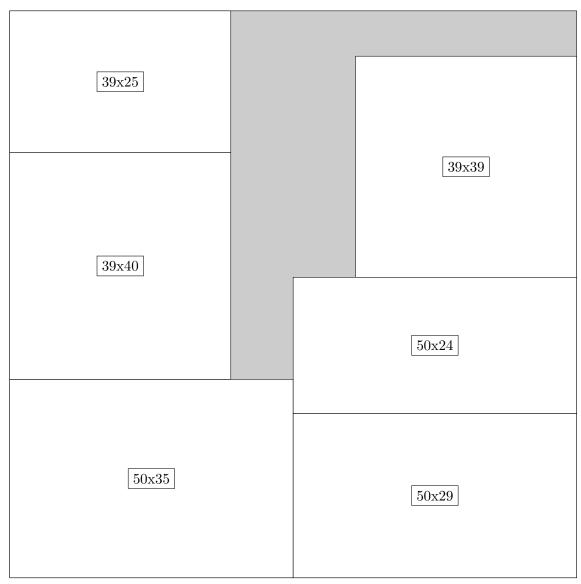
$$\le =48$$
 , $h=18$, $x=48$, $y=54$, $v=864$

$$w = 34$$
, $h = 16$, $x = 64$, $y = 28$, $v = 544$

$$w = 37$$
, $h = 12$, $x = 0$, $y = 88$, $v = 444$

$$w = 40$$
, $h = 10$, $x = 48$, $y = 72$, $v = 400$

$$w=\!33$$
 , $h=\!10$, $x=\!64$, $y=\!44$, $v=\!330$



$$w=\!50$$
 , $h=\!35$, $x=\!0$, $y=\!0$, $v=\!1750$

$$w=\!39$$
 , $h=\!40$, $x=\!0$, $y=\!35$, $v=\!1560$

$$\le =39$$
 , h =39 , x =61 , y =53 , v =1521

$$\le =50$$
 , h =29 , x =50 , y =0 , v =1450

$$\le =50$$
 , h =24 , x =50 , y =29 , v =1200

$$\le =39$$
 , h =25 , x =0 , y =75 , v =975