${\bf ClassName:}\ {\bf Class_10.2bp\text{-}37}$

BinSize: 100×100 ReduceSize: 100×100

TypeNum: 80 Num: **80** OutS: 100000InS: 93747Rate: 0.937UB: <u>10</u> LB0: **10** LB: **10**

LBWithCut: 10 NodeCut: 0

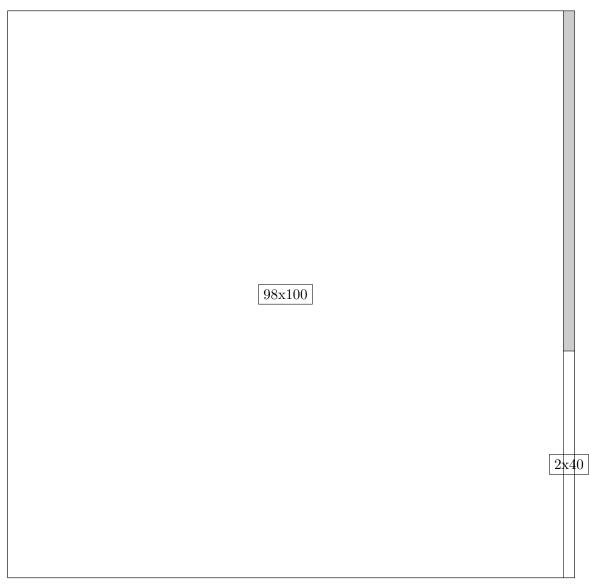
ExtendedNodeCnt: $\underline{\mathbf{1}}$

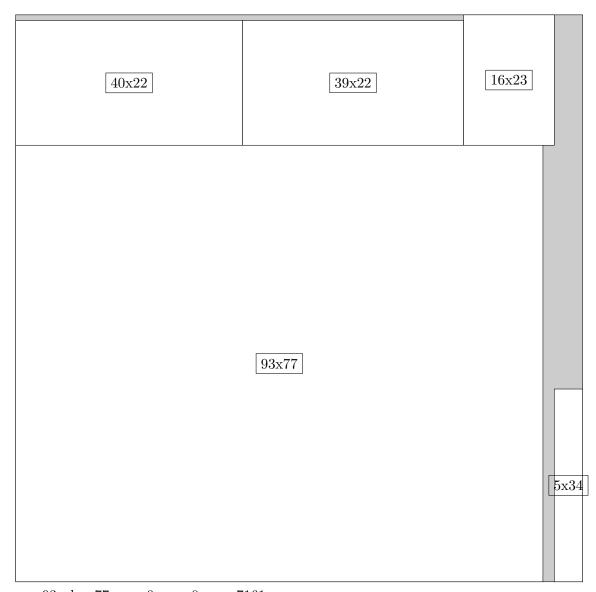
GenNodeCnt: $\mathbf{1}$ PrimalNode: $\mathbf{0}$ ColumnCount: 10 $TotalCutCount: \ \mathbf{0}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$

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

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

TimeOnInitSolution: $\underline{0.080 \text{ s}}$ TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 s TimeOnRmp: 0.063 sTotalTime: 0.205 s





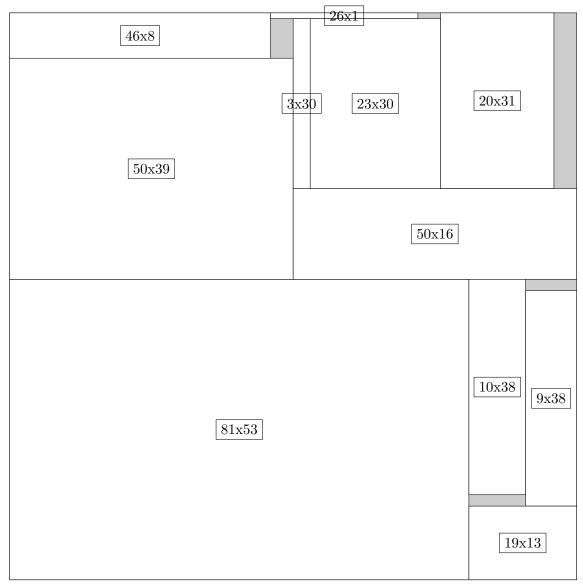
$$\le =93$$
 , h =77 , x =0 , y =0 , v =7161

$$\le =40$$
 , h =22 , x =0 , y =77 , v =880

$$\le =39$$
 , h =22 , x =40 , y =77 , v =858

$$\mathbf{w}$$
 =16 , h =23 , x =79 , y =77 , v =368

$$w$$
 =5 , h =34 , x =95 , y =0 , v =170



$$\begin{array}{l} w = \! 81 \; , \; h = \! 53 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4293 \\ w = \! 50 \; , \; h = \! 39 \; , \; x = \! 0 \; , \; y = \! 53 \; , \; v = \! 1950 \\ w = \! 20 \; , \; h = \! 31 \; , \; x = \! 76 \; , \; y = \! 69 \; , \; v = \! 620 \\ w = \! 50 \; , \; h = \! 16 \; , \; x = \! 50 \; , \; y = \! 53 \; , \; v = \! 800 \\ w = \! 23 \; , \; h = \! 30 \; , \; x = \! 53 \; , \; y = \! 69 \; , \; v = \! 690 \\ w = \! 10 \; , \; h = \! 38 \; , \; x = \! 81 \; , \; y = \! 15 \; , \; v = \! 380 \\ w = \! 46 \; , \; h = \! 8 \; , \; x = \! 0 \; , \; y = \! 92 \; , \; v = \! 368 \\ w = \! 9 \; , \; h = \! 38 \; , \; x = \! 91 \; , \; y = \! 13 \; , \; v = \! 342 \\ w = \! 19 \; , \; h = \! 13 \; , \; x = \! 81 \; , \; y = \! 0 \; , \; v = \! 247 \\ w = \! 3 \; , \; h = \! 30 \; , \; x = \! 50 \; , \; y = \! 69 \; , \; v = \! 90 \\ w = \! 26 \; , \; h = \! 1 \; , \; x = \! 46 \; , \; y = \! 99 \; , \; v = \! 26 \end{array}$$

11x3 12x18	$\fbox{37x25}$	
		50×100
	$\boxed{50\text{x}75}$	90x100

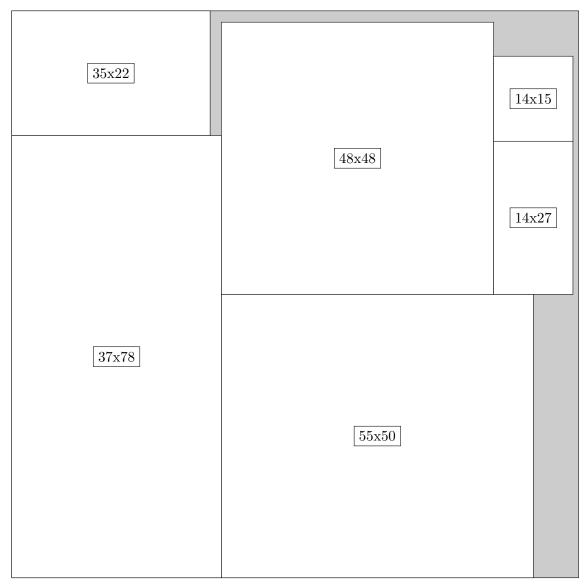
$$w$$
 =50 , h =100 , x =50 , y =0 , v =5000

$$\le =50$$
 , h =75 , x =0 , y =0 , v =3750

$$\le =37$$
 , h =25 , x =13 , y =75 , v =925

$$\le =12$$
 , h =18 , x =0 , y =75 , v =216

$$\le =11$$
 , $h=3$, $x=0$, $y=93$, $v=33$



$$w = 37$$
, $h = 78$, $x = 0$, $y = 0$, $v = 2886$

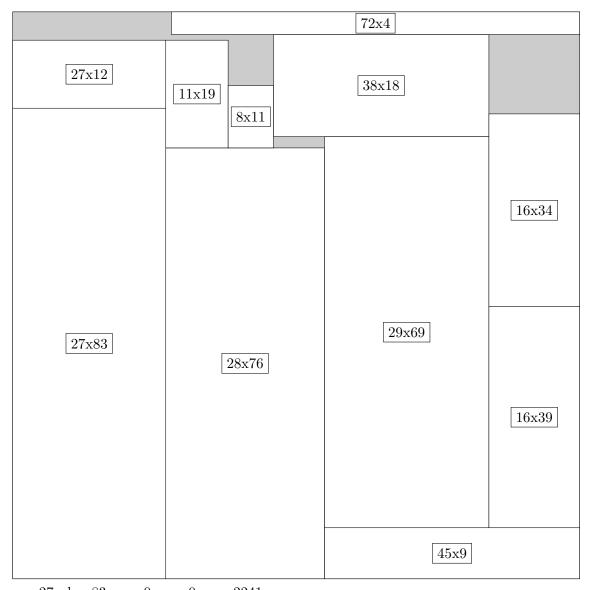
$$\le =55$$
 , $h=50$, $x=37$, $y=0$, $v=2750$

$$\le =48$$
 , $h=48$, $x=37$, $y=50$, $v=2304$

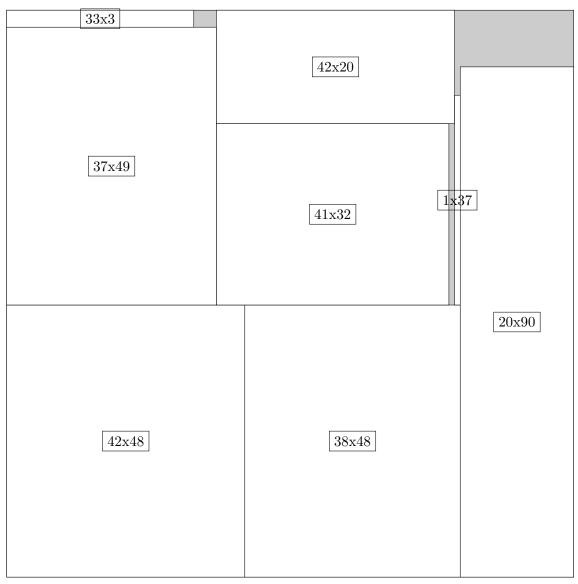
$$\le =35$$
 , h =22 , x =0 , y =78 , v =770

$$w$$
 =14 , h =27 , x =85 , y =50 , v =378

$$w=\!14$$
 , $h=\!15$, $x=\!85$, $y=\!77$, $v=\!210$



$$\begin{array}{l} w=27 \;,\; h=83 \;,\; x=0 \;,\; y=0 \;,\; v=2241 \\ w=28 \;,\; h=76 \;,\; x=27 \;,\; y=0 \;,\; v=2128 \\ w=29 \;,\; h=69 \;,\; x=55 \;,\; y=9 \;,\; v=2001 \\ w=38 \;,\; h=18 \;,\; x=46 \;,\; y=78 \;,\; v=684 \\ w=16 \;,\; h=39 \;,\; x=84 \;,\; y=9 \;,\; v=624 \\ w=16 \;,\; h=34 \;,\; x=84 \;,\; y=48 \;,\; v=544 \\ w=45 \;,\; h=9 \;,\; x=55 \;,\; y=0 \;,\; v=405 \\ w=27 \;,\; h=12 \;,\; x=0 \;,\; y=83 \;,\; v=324 \\ w=72 \;,\; h=4 \;,\; x=28 \;,\; y=96 \;,\; v=288 \\ w=11 \;,\; h=19 \;,\; x=27 \;,\; y=76 \;,\; v=209 \\ w=8 \;,\; h=11 \;,\; x=38 \;,\; y=76 \;,\; v=88 \end{array}$$



$$\le =42$$
 , h =48 , x =0 , y =0 , v =2016

$$\le =38$$
 , h =48 , x =42 , y =0 , v =1824

$$\le =37$$
 , $= 49$, $= 49$, $= 48$, $= 1813$

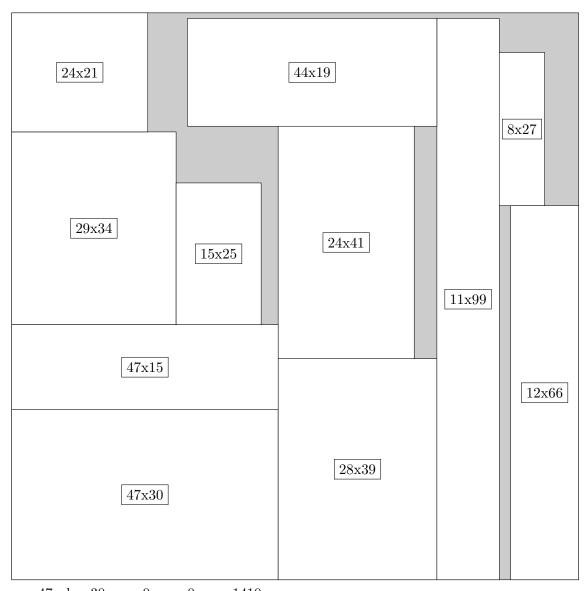
$$w = 20$$
, $h = 90$, $x = 80$, $y = 0$, $v = 1800$

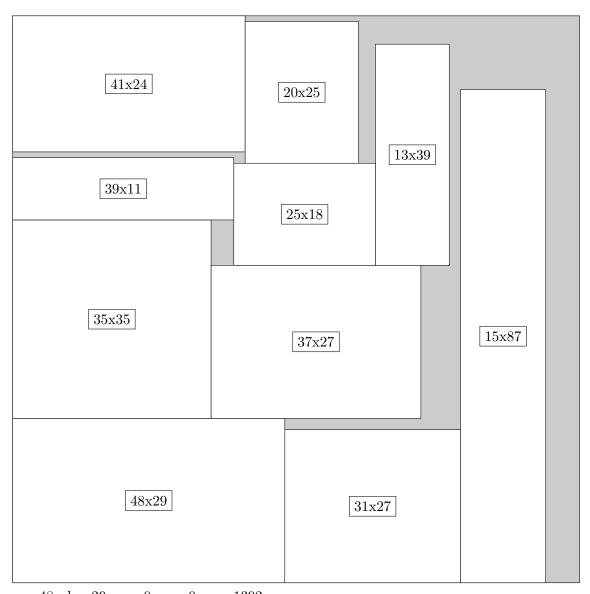
$$w=\!41$$
 , $h=\!32$, $x=\!37$, $y=\!48$, $v=\!1312$

$$w = 42$$
, $h = 20$, $x = 37$, $y = 80$, $v = 840$

$$\le =33$$
 , h =3 , x =0 , y =97 , v =99

$$w=1$$
 , $h=\!37$, $x=\!79$, $y=\!48$, $v=\!37$





$$w = 48$$
, $h = 29$, $x = 0$, $y = 0$, $v = 1392$

$$w = 15$$
, $h = 87$, $x = 79$, $y = 0$, $v = 1305$

$$w = 35$$
, $h = 35$, $x = 0$, $y = 29$, $v = 1225$

$$\le =37$$
 , h =27 , x =35 , y =29 , v =999

$$w = 41$$
, $h = 24$, $x = 0$, $y = 76$, $v = 984$

$$w = 31$$
, $h = 27$, $x = 48$, $y = 0$, $v = 837$

$$w = 20$$
, $h = 25$, $x = 41$, $y = 74$, $v = 500$

$$\le =39$$
 , h =11 , x =0 , y =64 , v =429

