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

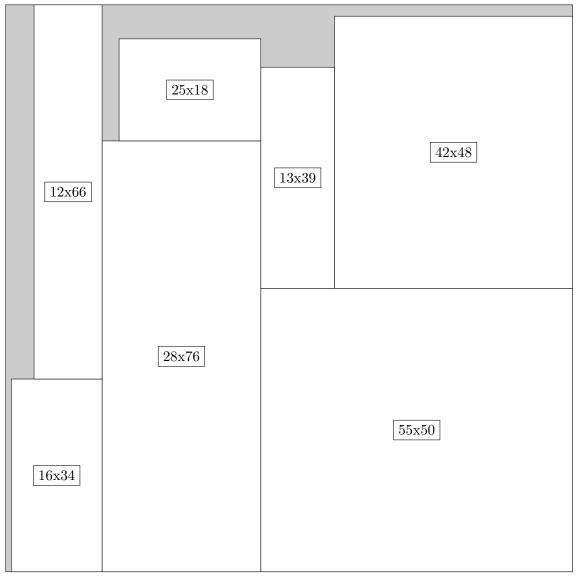
BinSize: $\underline{100 \times 100}$ ReduceSize: $\underline{100 \times 100}$

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

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

isOpt: **true**

 $\begin{array}{ll} \text{TimeOnPrimal: } \underline{0.000 \text{ s}} \\ \text{TimeOnPricing: } \underline{0.000 \text{ s}} \\ \text{TimeOnRmp: } \underline{0.047 \text{ s}} \\ \text{TotalTime: } \underline{0.203 \text{ s}} \end{array}$



$$w=\!55$$
 , $h=\!50$, $x=\!45$, $y=\!0$, $v=\!2750$

$$w$$
 =42 , h =48 , x =58 , y =50 , v =2016

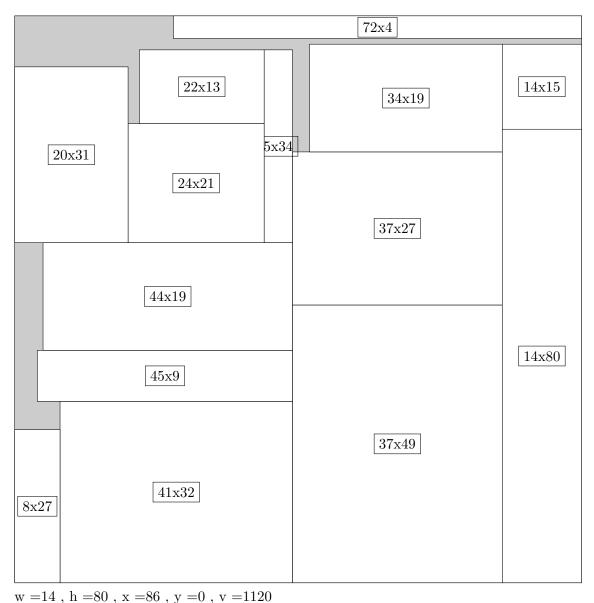
$$\le =13$$
 , h =39 , x =45 , y =50 , v =507

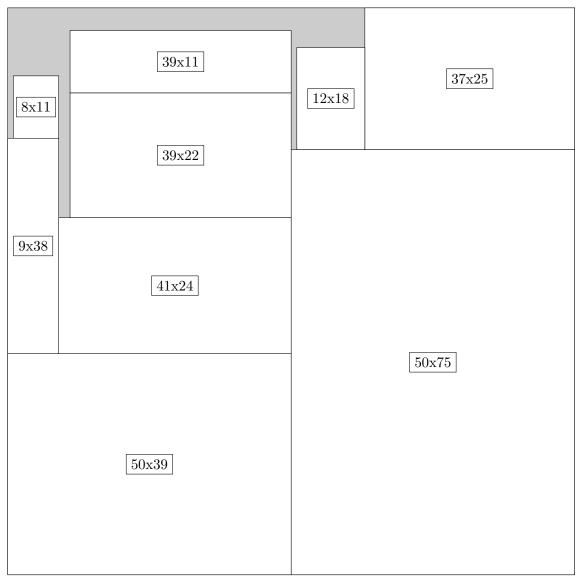
$$\le =28$$
 , h =76 , x =17 , y =0 , v =2128

$$\le =25$$
 , h =18 , x =20 , y =76 , v =450

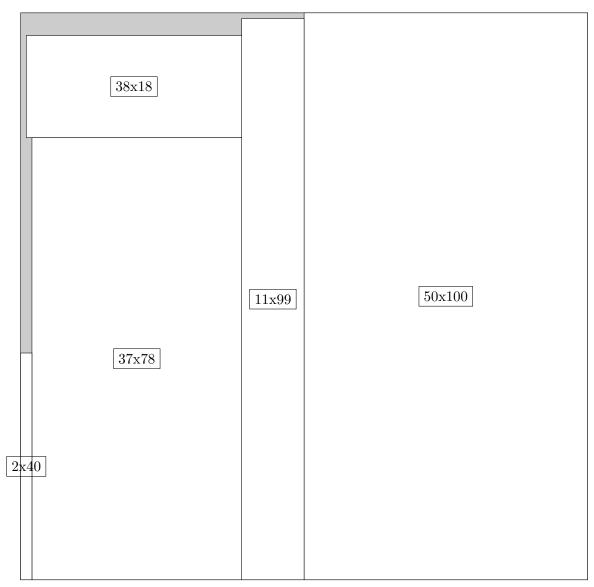
$$w$$
 =16 , h =34 , x =1 , y =0 , v =544

$$\le =12$$
 , $h=66$, $x=5$, $y=34$, $v=792$

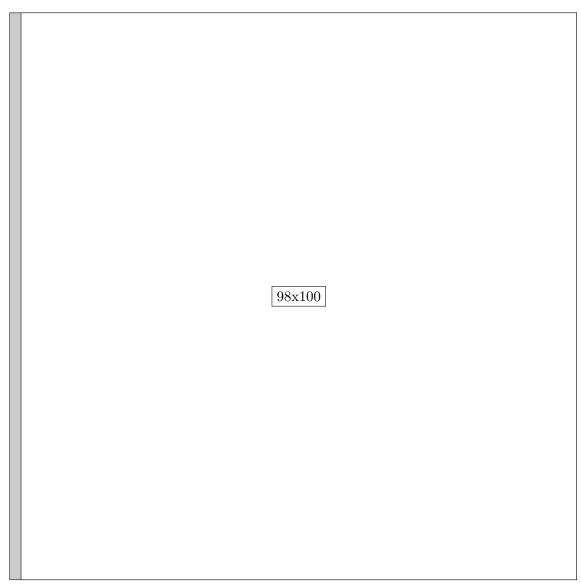




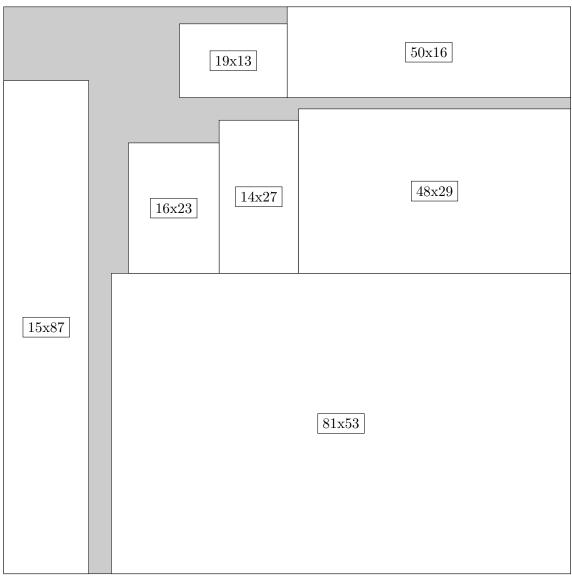
$$\begin{array}{l} w=50\;,\;h=75\;,\;x=50\;,\;y=0\;,\;v=3750\\ w=37\;,\;h=25\;,\;x=63\;,\;y=75\;,\;v=925\\ w=12\;,\;h=18\;,\;x=51\;,\;y=75\;,\;v=216\\ w=50\;,\;h=39\;,\;x=0\;,\;y=0\;,\;v=1950\\ w=41\;,\;h=24\;,\;x=9\;,\;y=39\;,\;v=984\\ w=39\;,\;h=22\;,\;x=11\;,\;y=63\;,\;v=858\\ w=39\;,\;h=11\;,\;x=11\;,\;y=85\;,\;v=429\\ w=9\;,\;h=38\;,\;x=0\;,\;y=39\;,\;v=342\\ w=8\;,\;h=11\;,\;x=1\;,\;y=77\;,\;v=88\\ \end{array}$$



 $\begin{array}{l} w = \! 50 \; , \; h = \! 100 \; , \; x = \! 50 \; , \; y = \! 0 \; , \; v = \! 5000 \\ w = \! 11 \; , \; h = \! 99 \; , \; x = \! 39 \; , \; y = \! 0 \; , \; v = \! 1089 \\ w = \! 37 \; , \; h = \! 78 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 2886 \\ w = \! 2 \; , \; h = \! 40 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 80 \\ w = \! 38 \; , \; h = \! 18 \; , \; x = \! 1 \; , \; y = \! 78 \; , \; v = \! 684 \end{array}$



 $\le =98$, h =100 , x =2 , y =0 , v =9800



$$w = 81$$
, $h = 53$, $x = 19$, $y = 0$, $v = 4293$

$$\mathbf{w}$$
 =48 , h =29 , x =52 , y =53 , v =1392

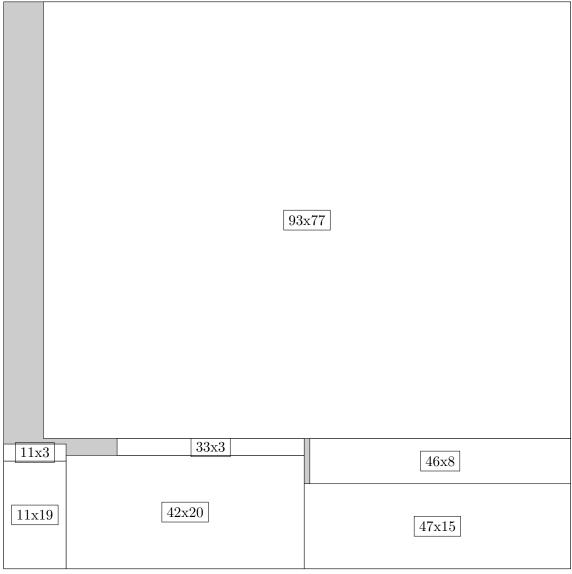
$$\le =14$$
 , h =27 , x =38 , y =53 , v =378

$$w = 16$$
, $h = 23$, $x = 22$, $y = 53$, $v = 368$

$$w$$
 =50 , h =16 , x =50 , y =84 , v =800

$$w=\!19$$
 , $h=\!13$, $x=\!31$, $y=\!84$, $v=\!247$

$$\le =15$$
 , h =87 , x =0 , y =0 , v =1305



$$w = 47$$
, $h = 15$, $x = 53$, $y = 0$, $v = 705$

$$w = 46$$
, $h = 8$, $x = 54$, $y = 15$, $v = 368$

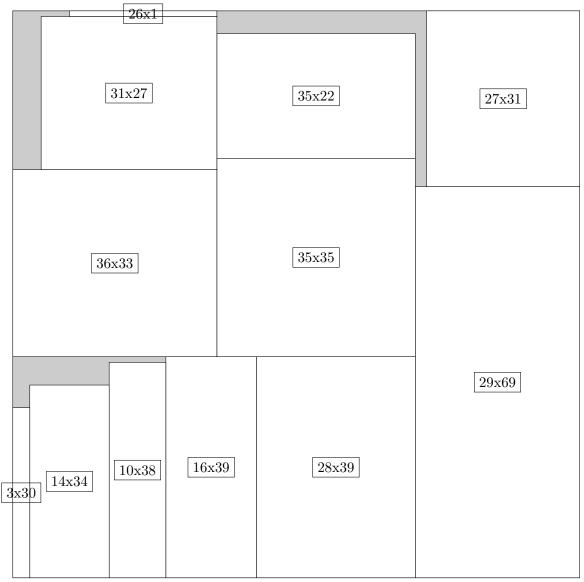
$$\le =42$$
 , h =20 , x =11 , y =0 , v =840

$$\le =33$$
 , h =3 , x =20 , y =20 , v =99

$$\le =11$$
 , h =19 , x =0 , y =0 , v =209

$$\mathbf{w}$$
 =11 , h =3 , x =0 , y =19 , v =33

$$w$$
 =93 , h =77 , x =7 , y =23 , v =7161



$$\le =29$$
 , h =69 , x =71 , y =0 , v =2001

$$w$$
 =27 , h =31 , x =73 , y =69 , v =837

$$\le =28$$
 , h =39 , x =43 , y =0 , v =1092

$$\le =16$$
 , h =39 , x =27 , y =0 , v =624

$$w = 10$$
, $h = 38$, $x = 17$, $y = 0$, $v = 380$

$$w = 35$$
, $h = 36$, $x = 6$, $y = 6$, $v = 36$
 $w = 35$, $h = 35$, $x = 36$, $y = 39$, $v = 1225$

$$\le =35$$
 , h =22 , x =36 , y =74 , v =770

$$w = 36$$
, $h = 33$, $x = 0$, $y = 39$, $v = 1188$

$$w = 31$$
, $h = 27$, $x = 5$, $y = 72$, $v = 837$

$$\le =26$$
 , h =1 , x =10 , y =99 , v =26



$$w = 20$$
, $h = 25$, $x = 80$, $y = 0$, $v = 500$

$$w = 15$$
, $h = 25$, $x = 65$, $y = 0$, $v = 375$

$$\mathbf{w}=\!\!44$$
 , $\mathbf{h}=\!\!24$, $\mathbf{x}=\!\!21$, $\mathbf{y}=\!\!0$, $\mathbf{v}=\!\!1056$

$$w = 40$$
, $h = 26$, $x = 60$, $y = 25$, $v = 1040$

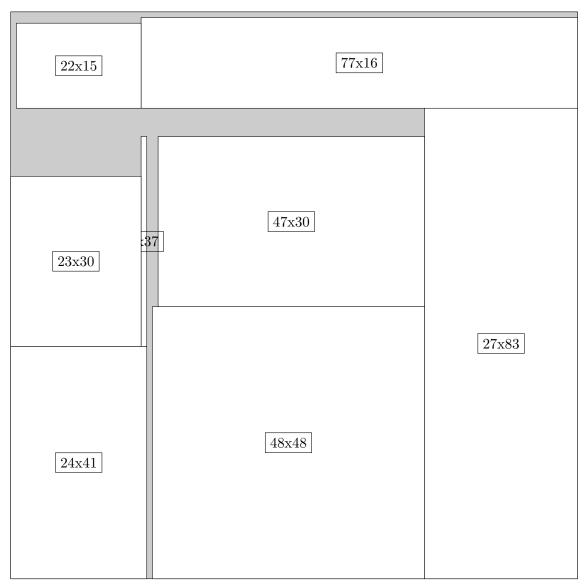
$$w = 38$$
, $h = 48$, $x = 62$, $y = 51$, $v = 1824$

$$w = 29$$
, $h = 34$, $x = 33$, $y = 51$, $v = 986$

$$w = 27$$
, $h = 12$, $x = 35$, $y = 85$, $v = 324$

$$w = 9$$
, $h = 33$, $x = 24$, $y = 51$, $v = 297$

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



$$w = 27$$
, $h = 83$, $x = 73$, $y = 0$, $v = 2241$

$$\le =48$$
 , h =48 , x =25 , y =0 , v =2304

$$w=\!\!47$$
 , $h=\!\!30$, $x=\!\!26$, $y=\!\!48$, $v=\!\!1410$

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

$$w=1$$
 , $h=\!37$, $x=\!23$, $y=\!41$, $v=\!37$

$$\le =23$$
 , $h=30$, $x=0$, $y=41$, $v=690$

$$w$$
 =77 , h =16 , x =23 , y =83 , v =1232

$$\le =22$$
 , h =15 , x =1 , y =83 , v =330