${\bf ClassName:}\ {\bf Class_10.2bp\text{-}35}$

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

TypeNum: <u>80</u> Num: <u>80</u> OutS: <u>130000</u> InS: <u>122105</u> Rate: <u>0.939</u> UB: <u>13</u> LB0: <u>13</u>

LBWithCut: $\underline{\bf 13}$ NodeCut: $\underline{\bf 0}$

LB: **13**

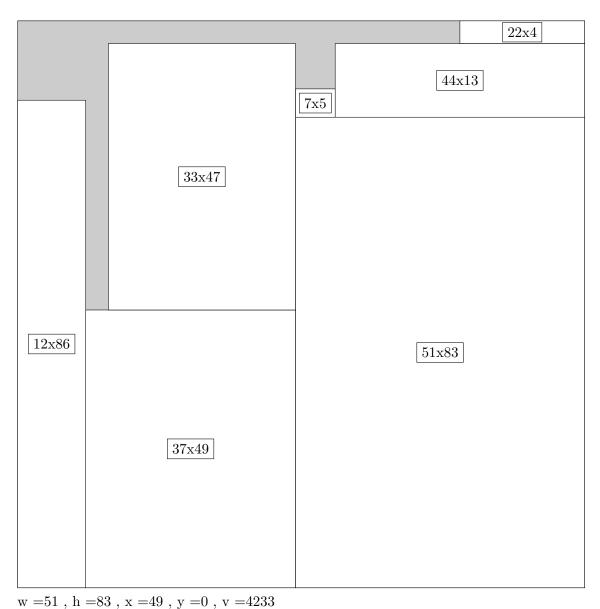
ExtendedNodeCnt: $\underline{\mathbf{1}}$

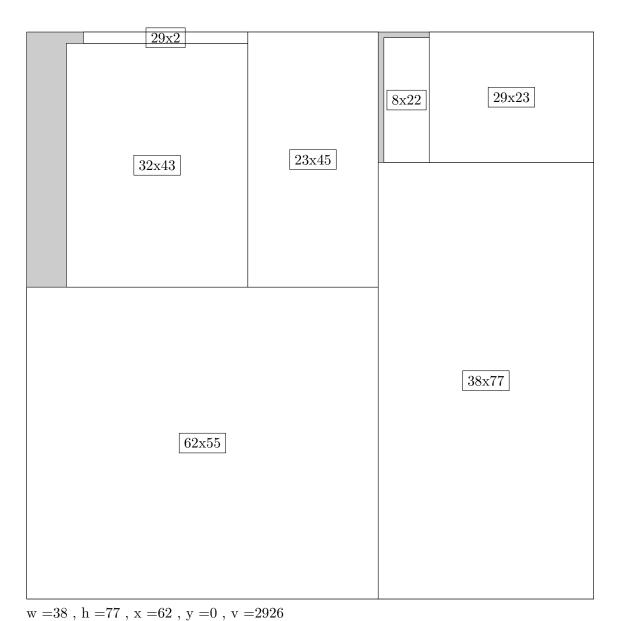
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{13}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.328 s



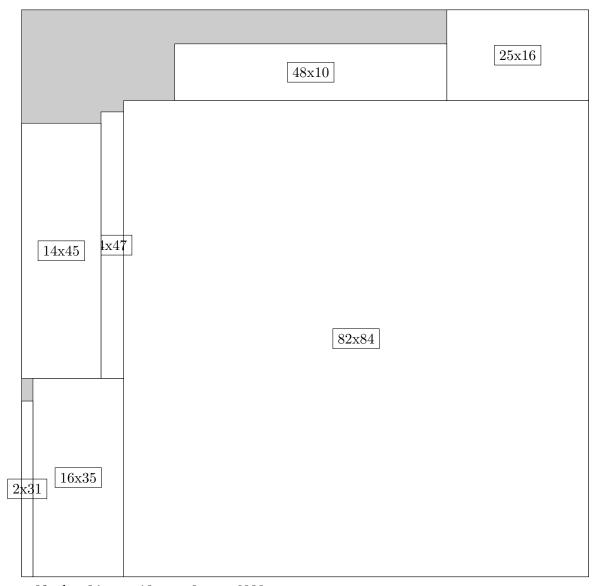


$$\begin{array}{l} w = 29 \;, \; h = 23 \;, \; x = 71 \;, \; y = 77 \;, \; v = 667 \\ w = 8 \;, \; h = 22 \;, \; x = 63 \;, \; y = 77 \;, \; v = 176 \\ w = 62 \;, \; h = 55 \;, \; x = 0 \;, \; y = 0 \;, \; v = 3410 \end{array}$$

$$\le =23$$
 , h =45 , x =39 , y =55 , v =1035

$$\le =32$$
 , h =43 , x =7 , y =55 , v =1376

$$w = 29$$
, $h = 2$, $x = 10$, $y = 98$, $v = 58$



$$\begin{array}{l} w = \! 82 \ , \ h = \! 84 \ , \ x = \! 18 \ , \ y = \! 0 \ , \ v = \! 6888 \\ w = \! 25 \ , \ h = \! 16 \ , \ x = \! 75 \ , \ y = \! 84 \ , \ v = \! 400 \end{array}$$

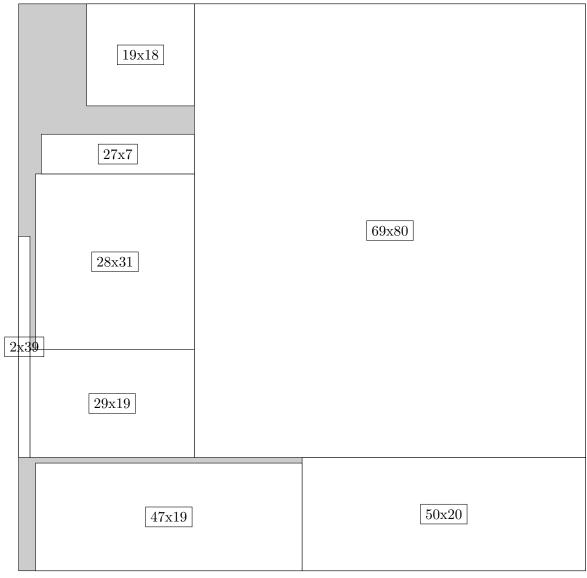
$$w = 48$$
, $h = 10$, $x = 27$, $y = 84$, $v = 480$

$$\begin{array}{l} w = \! 16 \ , \ h = \! \! 35 \ , \ x = \! \! 2 \ , \ y = \! \! 0 \ , \ v = \! \! 560 \\ w = \! \! 2 \ , \ h = \! \! 31 \ , \ x = \! \! 0 \ , \ y = \! \! 0 \ , \ v = \! \! 62 \end{array}$$

$$w = 2$$
, $h = 31$, $x = 0$, $y = 0$, $v = 02$

$$w = 4$$
, $h = 47$, $x = 14$, $y = 35$, $v = 188$

$$w$$
 =14 , h =45 , x =0 , y =35 , v =630



$$\le =50$$
 , h =20 , x =50 , y =0 , v =1000

$$w = 47$$
, $h = 19$, $x = 3$, $y = 0$, $v = 893$

$$w$$
 =69 , h =80 , x =31 , y =20 , v =5520

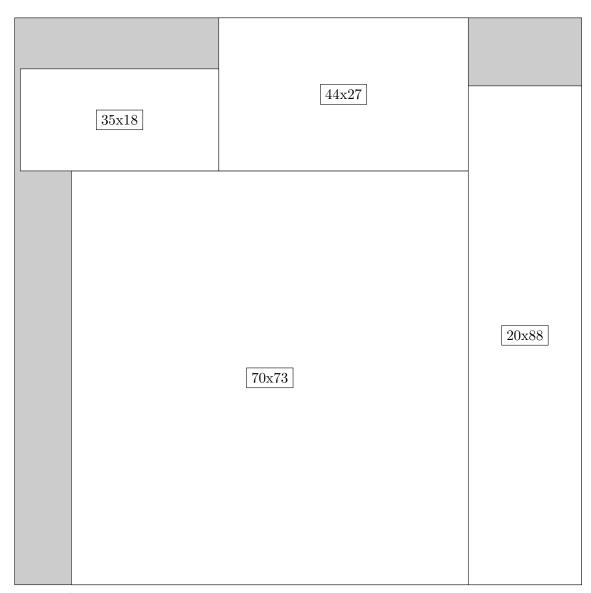
$$\le =29$$
 , h =19 , x =2 , y =20 , v =551

$$\le =28$$
 , h =31 , x =3 , y =39 , v =868

$$w$$
 =27 , h =7 , x =4 , y =70 , v =189

$$w = 19$$
, $h = 18$, $x = 12$, $y = 82$, $v = 342$

$$\mathbf{w}$$
 =2 , h =39 , x =0 , y =20 , v =78

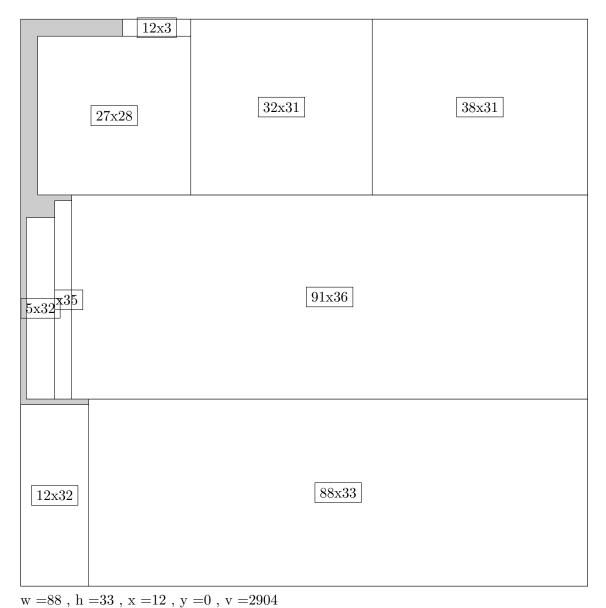


$$\le =20$$
 , h =88 , x =80 , y =0 , v =1760

$$\le =70$$
 , h =73 , x =10 , y =0 , v =5110

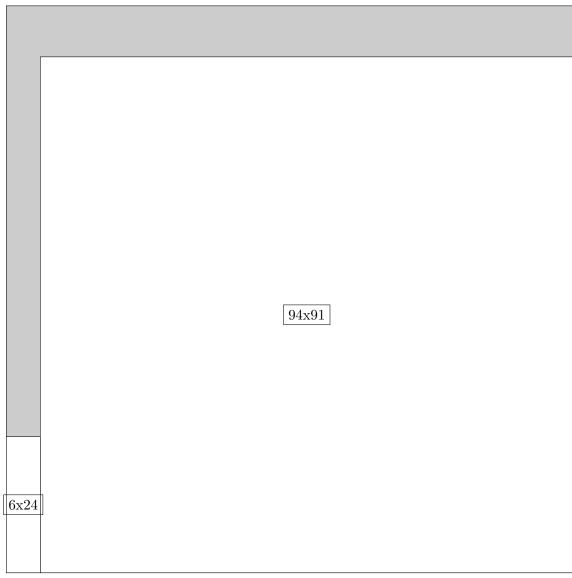
$$\le =44$$
 , h =27 , x =36 , y =73 , v =1188

$$\le =35$$
 , $h=18$, $x=1$, $y=73$, $v=630$

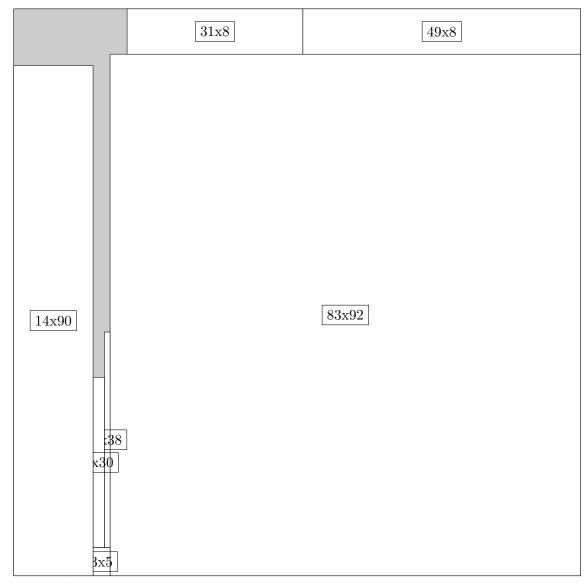


$$\begin{array}{l} w=12\;,\;h=32\;,\;x=0\;,\;y=0\;,\;v=384\\ w=91\;,\;h=36\;,\;x=9\;,\;y=33\;,\;v=3276\\ w=3\;,\;h=35\;,\;x=6\;,\;y=33\;,\;v=105\\ w=5\;,\;h=32\;,\;x=1\;,\;y=33\;,\;v=160\\ w=38\;,\;h=31\;,\;x=62\;,\;y=69\;,\;v=1178\\ w=32\;,\;h=31\;,\;x=30\;,\;y=69\;,\;v=992\\ w=27\;,\;h=28\;,\;x=3\;,\;y=69\;,\;v=756 \end{array}$$

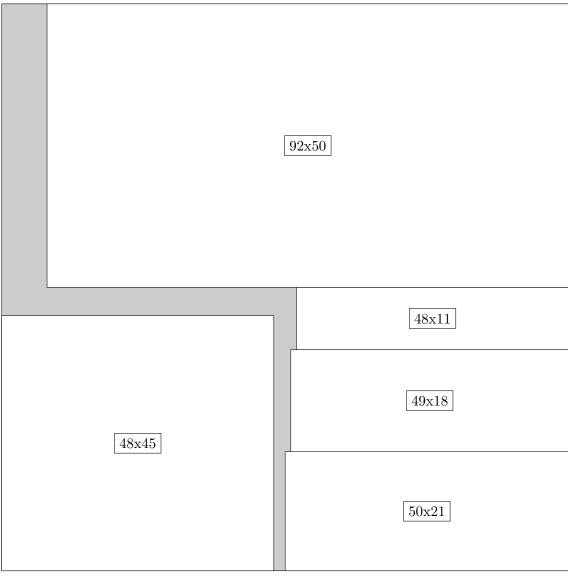
 $w=\!12$, $h=\!3$, $x=\!18$, $y=\!97$, $v=\!36$



 $\begin{array}{l} w = \! 94 \; , \; h = \! 91 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 8554 \\ w = \! 6 \; , \; h = \! 24 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 144 \end{array}$



$$\begin{array}{l} w=83\;,\; h=92\;,\; x=17\;,\; y=0\;,\; v=7636\\ w=3\;,\; h=5\;,\; x=14\;,\; y=0\;,\; v=15\\ w=1\;,\; h=38\;,\; x=16\;,\; y=5\;,\; v=38\\ w=2\;,\; h=30\;,\; x=14\;,\; y=5\;,\; v=60\\ w=49\;,\; h=8\;,\; x=51\;,\; y=92\;,\; v=392\\ w=31\;,\; h=8\;,\; x=20\;,\; y=92\;,\; v=248\\ w=14\;,\; h=90\;,\; x=0\;,\; y=0\;,\; v=1260 \end{array}$$



$$w = 50$$
, $h = 21$, $x = 50$, $y = 0$, $v = 1050$

$$\le =49$$
 , $h=18$, $x=51$, $y=21$, $v=882$

$$\le =48$$
 , $h=11$, $x=52$, $y=39$, $v=528$

$$\le =48$$
 , $h=45$, $x=0$, $y=0$, $v=2160$

$$\le =92$$
 , h =50 , x =8 , y =50 , v =4600

29x36	$\boxed{49\mathrm{x}39}$	22x33
	78x61	22x67

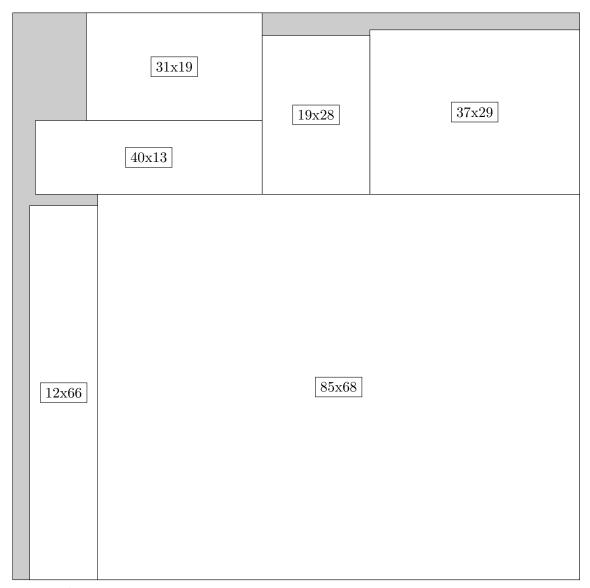
$$w = 22$$
, $h = 67$, $x = 78$, $y = 0$, $v = 1474$

$$\le =22$$
 , h =33 , x =78 , y =67 , v =726

$$\le -78$$
 , h =61 , x =0 , y =0 , v =4758

$$\le =49$$
 , h =39 , x =29 , y =61 , v =1911

$$\le =29$$
 , h =36 , x =0 , y =61 , v =1044



$$\le =85$$
 , h =68 , x =15 , y =0 , v =5780

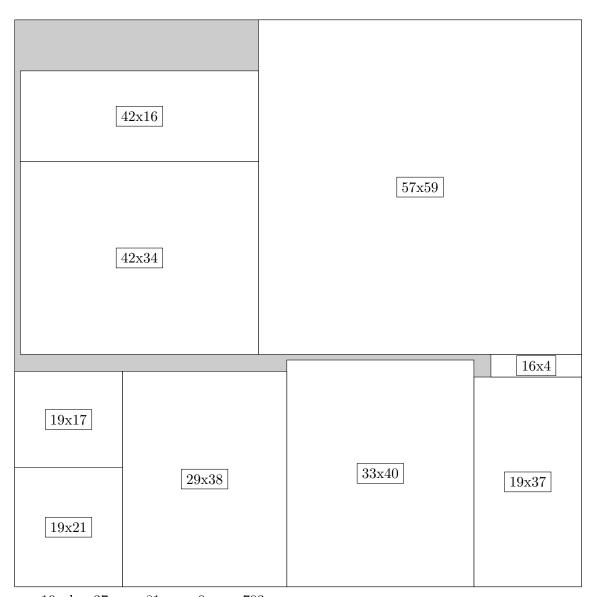
$$\le =12$$
 , h =66 , x =3 , y =0 , v =792

$$\le =37$$
 , h =29 , x =63 , y =68 , v =1073

$$\le =19$$
 , h =28 , x =44 , y =68 , v =532

$$\le =40$$
 , h =13 , x =4 , y =68 , v =520

$$w = 31$$
, $h = 19$, $x = 13$, $y = 81$, $v = 589$



$$w=19$$
 , $h=\!37$, $x=\!81$, $y=\!0$, $v=\!703$

$$w = 16$$
, $h = 4$, $x = 84$, $y = 37$, $v = 64$

$$w=\!33$$
 , $h=\!40$, $x=\!48$, $y=\!0$, $v=\!1320$

$$\mathbf{w}$$
 =29 , h =38 , x =19 , y =0 , v =1102

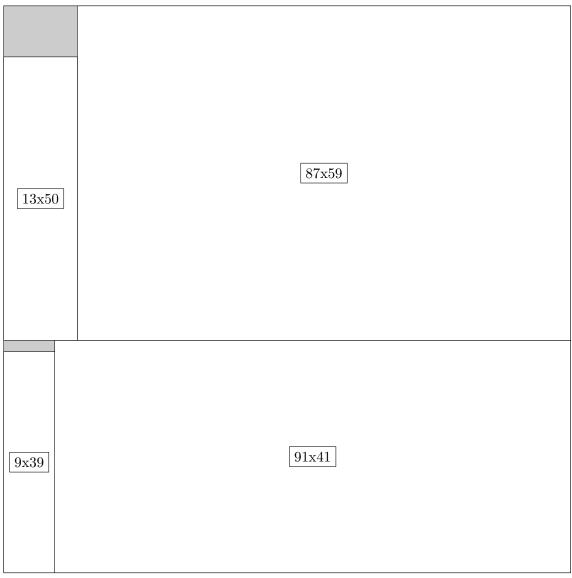
$$\mathbf{w}$$
 =19 , h =21 , x =0 , y =0 , v =399

$$\le =19$$
 , $= 17$, $= 17$, $= 17$, $= 12$, $= 12$, $= 12$

$$w$$
 =57 , h =59 , x =43 , y =41 , v =3363

$$\mathbf{w}$$
 =42 , h =34 , x =1 , y =41 , v =1428

$$w = 42$$
, $h = 16$, $x = 1$, $y = 75$, $v = 672$



 $\begin{array}{l} w = \! 91 \; , \; h = \! 41 \; , \; x = \! 9 \; , \; y = \! 0 \; , \; v = \! 3731 \\ w = \! 9 \; , \; h = \! 39 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 351 \\ w = \! 87 \; , \; h = \! 59 \; , \; x = \! 13 \; , \; y = \! 41 \; , \; v = \! 5133 \\ w = \! 13 \; , \; h = \! 50 \; , \; x = \! 0 \; , \; y = \! 41 \; , \; v = \! 650 \end{array}$