$ClassName: \ Class_08.2bp-22$

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>170000</u> InS: <u>140453</u> Rate: <u>0.826</u> UB: <u>17</u>

UB: <u>17</u> LB0: <u>16</u> LB: **16**

LBWithCut: $\underline{17}$ NodeCut: $\underline{1}$

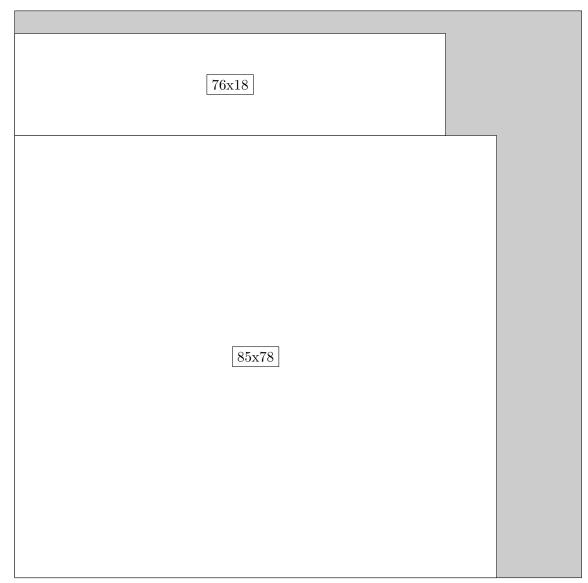
ExtendedNodeCnt: $\underline{\mathbf{1}}$

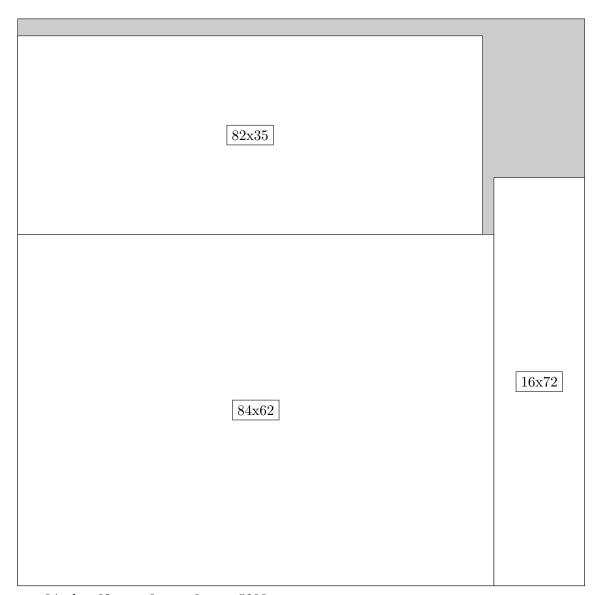
GenNodeCnt: 1
PrimalNode: 0
ColumnCount: 196
TotalCutCount: 48
RootCutCount: 48
LPSolverCnt: 181
PricingSolverCnt: 181
BranchAndBoundNum: 1

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

TimeOnInitSolution: $\underline{120.010 \text{ s}}$

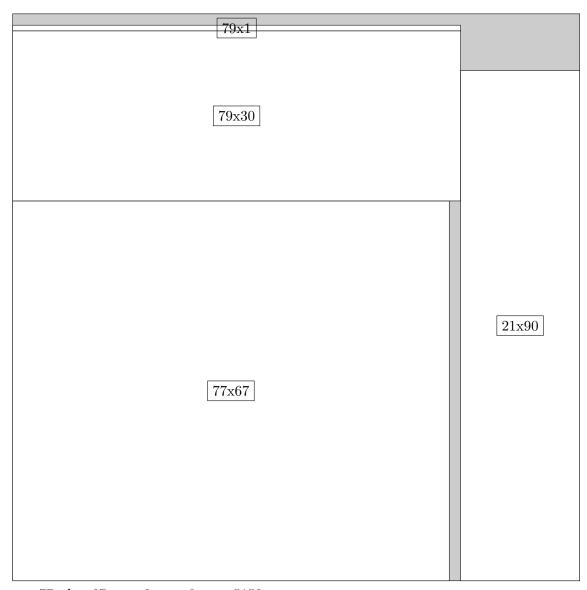
TimeOnPrimal: 0.000 sTimeOnPricing: 15.431 sTimeOnRmp: 0.182 sTotalTime: 135.806 s





$$\begin{array}{l} w = \!\!84 \ , \ h = \!\!62 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!5208 \\ w = \!\!82 \ , \ h = \!\!35 \ , \ x = \!\!0 \ , \ y = \!\!62 \ , \ v = \!\!2870 \end{array}$$

$$w = 16$$
, $h = 72$, $x = 84$, $y = 0$, $v = 1152$

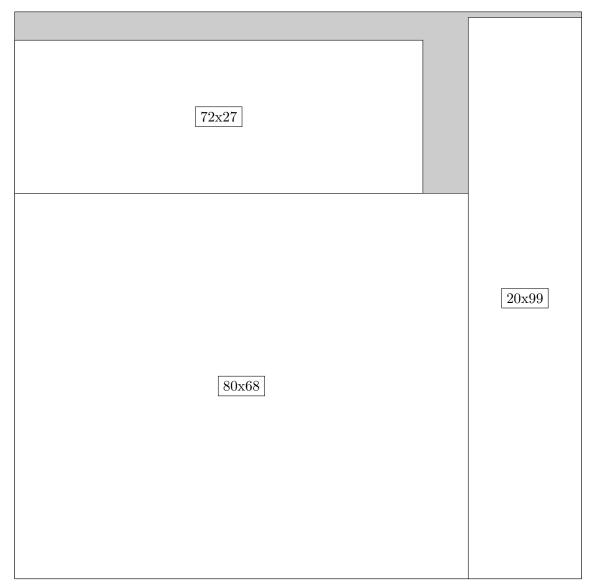


$$\le =77$$
 , h =67 , x =0 , y =0 , v =5159

$$\le =79$$
 , h =30 , x =0 , y =67 , v =2370

$$\le =21$$
 , h =90 , x =79 , y =0 , v =1890

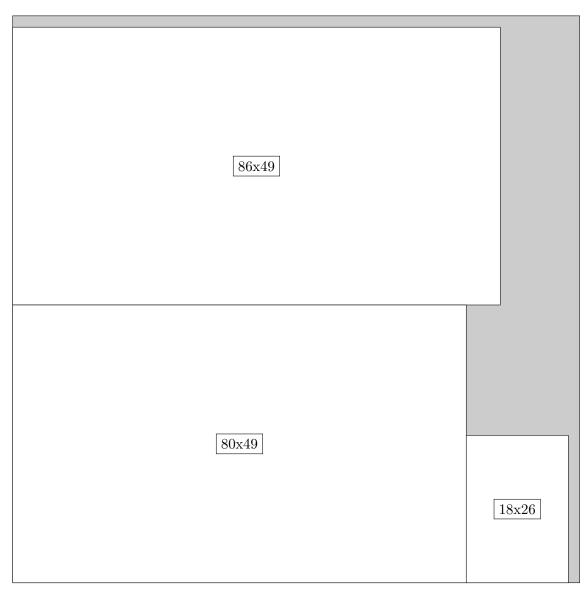
$$\mathbf{w}$$
 =79 , h =1 , x =0 , y =97 , v =79



$$w$$
 =80 , h =68 , x =0 , y =0 , v =5440

$$\le =20$$
 , h =99 , x =80 , y =0 , v =1980

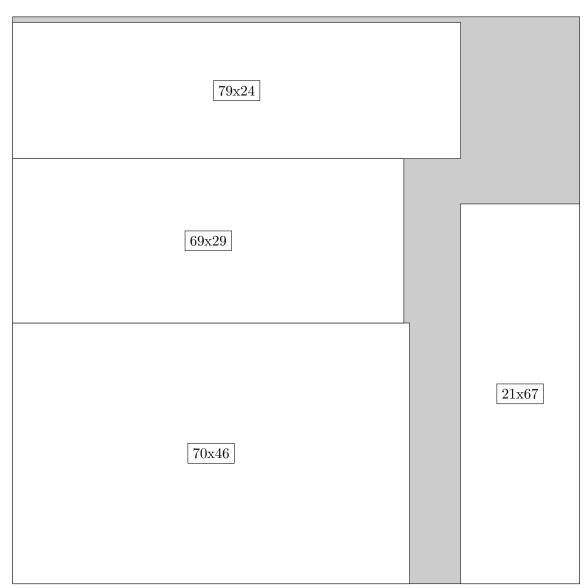
$$\mathbf{w}$$
 =72 , \mathbf{h} =27 , \mathbf{x} =0 , \mathbf{y} =68 , \mathbf{v} =1944



$$w = 86$$
, $h = 49$, $x = 0$, $y = 49$, $v = 4214$

$$\le =80$$
 , h =49 , x =0 , y =0 , v =3920

$$\le =18$$
 , h =26 , x =80 , y =0 , v =468

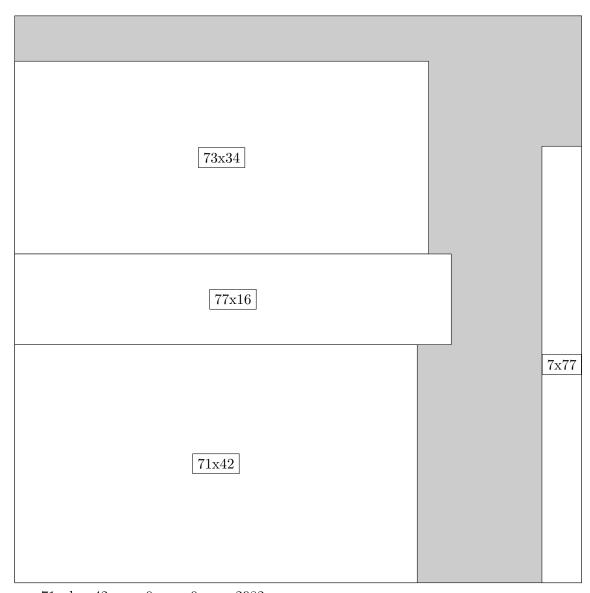


$$\le =70$$
 , h =46 , x =0 , y =0 , v =3220

$$\le =69$$
 , h =29 , x =0 , y =46 , v =2001

$$\le =79$$
 , h =24 , x =0 , y =75 , v =1896

$$\mathbf{w}$$
 =21 , h =67 , x =79 , y =0 , v =1407

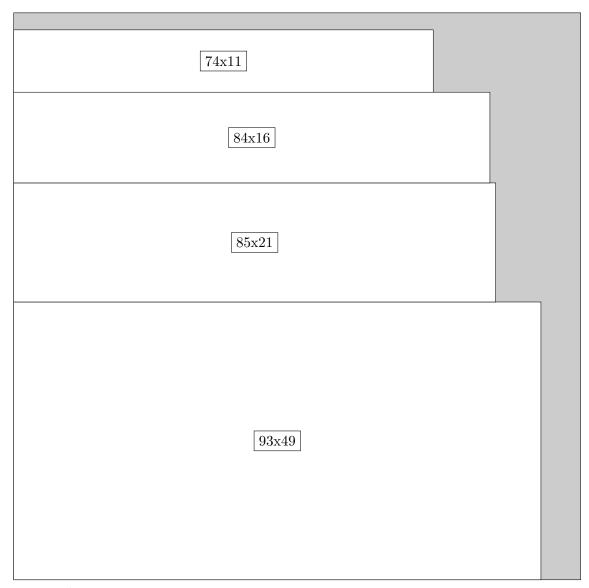


$$\begin{array}{l} w = \!\! 71 \ , \ h = \!\! 42 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 2982 \\ w = \!\! 73 \ , \ h = \!\! 34 \ , \ x = \!\! 0 \ , \ y = \!\! 58 \ , \ v = \!\! 2482 \end{array}$$

$$w = 70$$
, $h = 01$, $k = 0$, $y = 60$, $v = 2102$

$$\le =77$$
 , h =16 , x =0 , y =42 , v =1232

$$\mathbf{w}$$
 =7 , h =77 , x =93 , y =0 , v =539

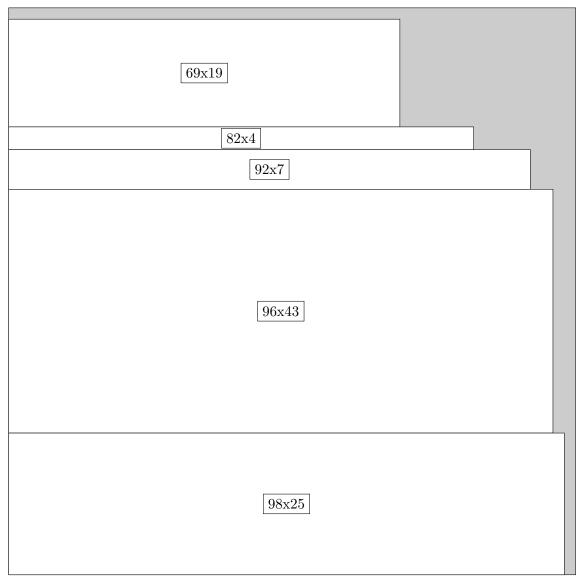


$$\le =93$$
 , h =49 , x =0 , y =0 , v =4557

$$\le =85$$
 , h =21 , x =0 , y =49 , v =1785

$$\mathbf{w}=\!84$$
 , $\mathbf{h}=\!16$, $\mathbf{x}=\!0$, $\mathbf{y}=\!70$, $\mathbf{v}=\!1344$

$$w$$
 =74 , h =11 , x =0 , y =86 , v =814



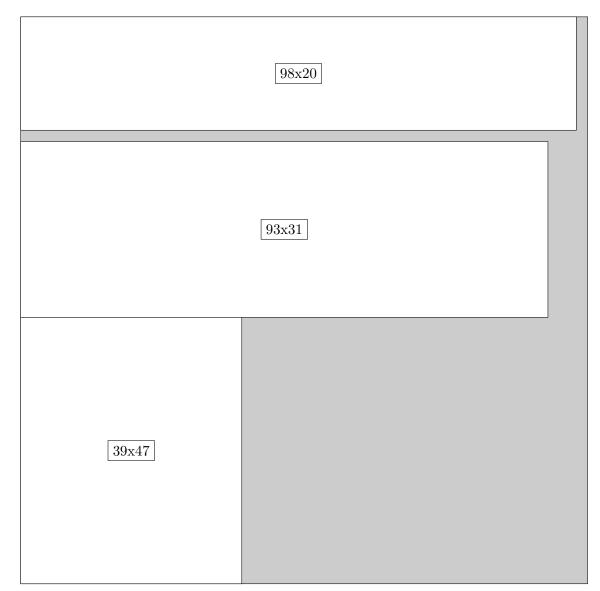
$$w = 96$$
, $h = 43$, $x = 0$, $y = 25$, $v = 4128$

$$\le =98$$
 , h =25 , x =0 , y =0 , v =2450

$$\le =69$$
 , h =19 , x =0 , y =79 , v =1311

$$\le =92$$
 , h =7 , x =0 , y =68 , v =644

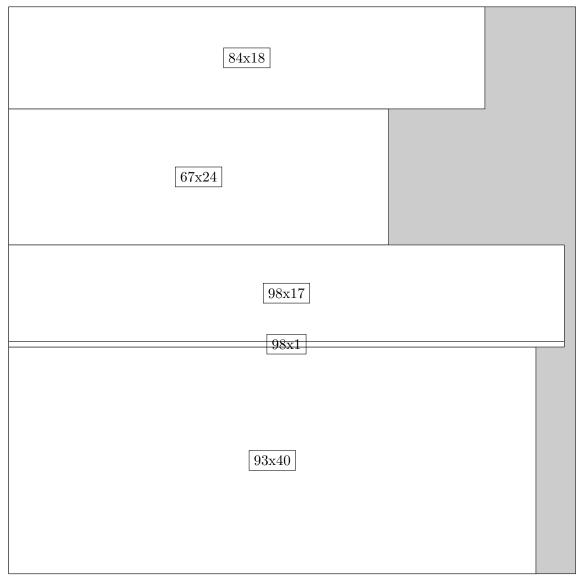
$$\le =82$$
 , h =4 , x =0 , y =75 , v =328



$$w = \! 93 \ , \, h = \! 31 \ , \, x = \! 0 \ , \, y = \! 47 \ , \, v = \! 2883$$

$$\le =98$$
 , h =20 , x =0 , y =80 , v =1960

$$\le =39$$
 , h =47 , x =0 , y =0 , v =1833



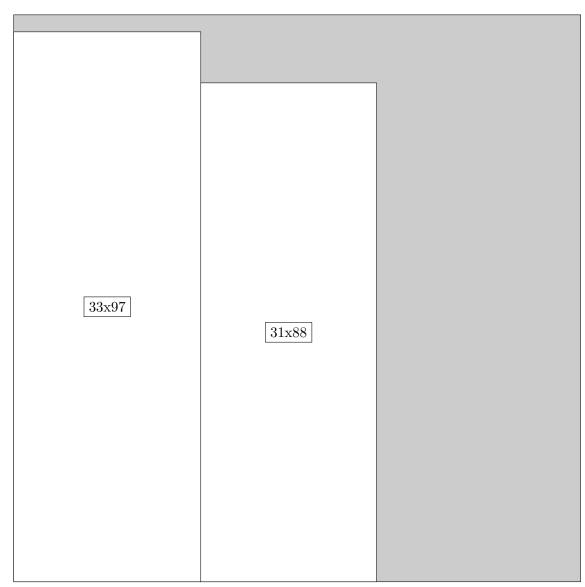
$$w = 93$$
, $h = 40$, $x = 0$, $y = 0$, $v = 3720$

$$\le =67$$
 , h =24 , x =0 , y =58 , v =1608

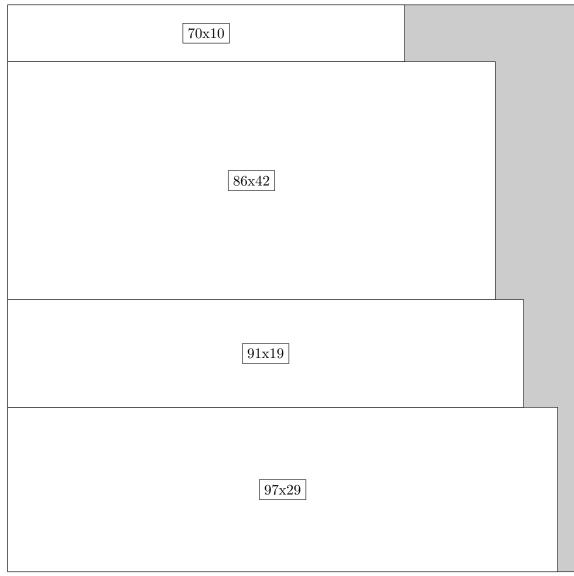
$$\le =98$$
 , h =17 , x =0 , y =41 , v =1666

$$\le =84$$
 , h =18 , x =0 , y =82 , v =1512

$$w = 98$$
, $h = 1$, $x = 0$, $y = 40$, $v = 98$



$$\begin{array}{c} w = \! 33 \; , \; h = \! 97 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 3201 \\ w = \! 31 \; , \; h = \! 88 \; , \; x = \! 33 \; , \; y = \! 0 \; , \; v = \! 2728 \\ \end{array}$$

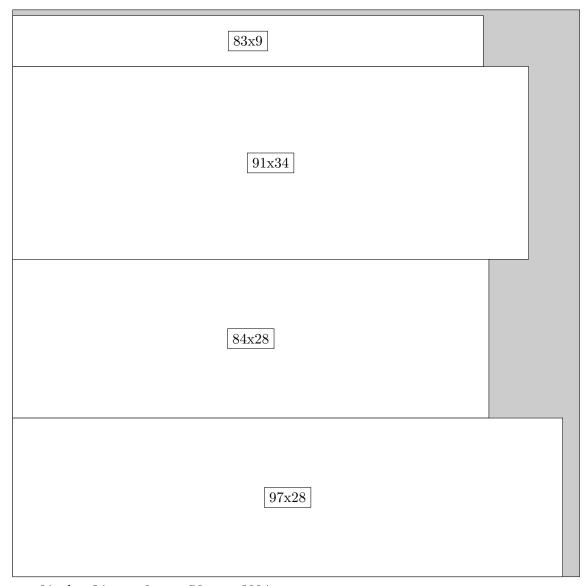


$$\le =86$$
 , h =42 , x =0 , y =48 , v =3612

$$\le =97$$
 , h =29 , x =0 , y =0 , v =2813

$$\le =91$$
 , h =19 , x =0 , y =29 , v =1729

$$\mathbf{w}$$
 =70 , h =10 , x =0 , y =90 , v =700

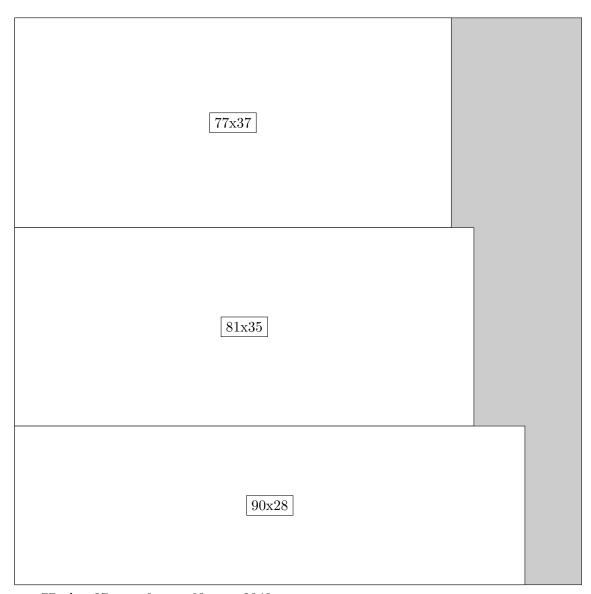


$$\le =91$$
 , h =34 , x =0 , y =
56 , v =3094

$$\le =84$$
 , h =28 , x =0 , y =28 , v =2352

$$\le =97$$
 , h =28 , x =0 , y =0 , v =2716

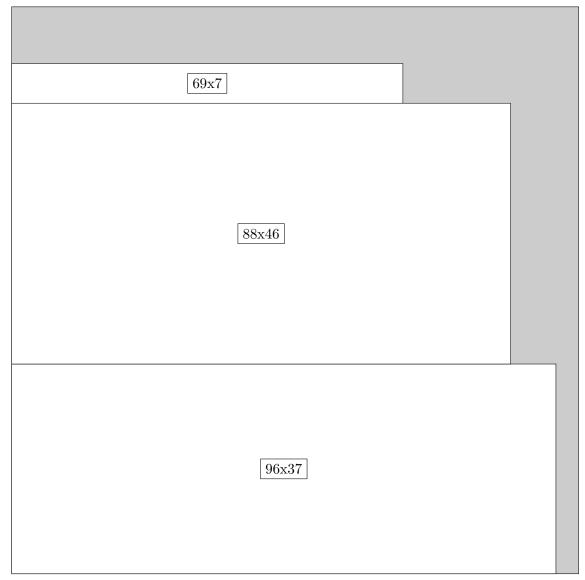
$$\le =83$$
 , h =9 , x =0 , y =90 , v =747



$$\le =77$$
 , h =37 , x =0 , y =63 , v =2849

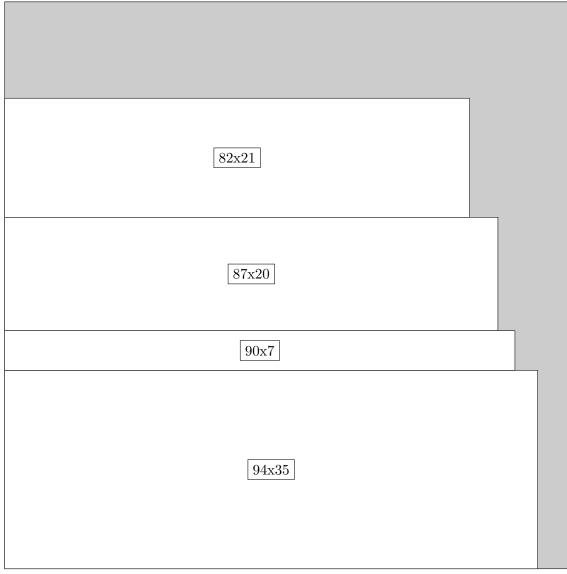
$$\le =81$$
 , $h=35$, $x=0$, $y=28$, $v=2835$

$$\le =90$$
 , h =28 , x =0 , y =0 , v =2520



$$\begin{array}{l} w = \! 96 \ , \ h = \! 37 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3552 \\ w = \! 88 \ , \ h = \! 46 \ , \ x = \! 0 \ , \ y = \! 37 \ , \ v = \! 4048 \end{array}$$

$$\le =69$$
 , h =7 , x =0 , y =83 , v =483



$$\le =94$$
 , h =35 , x =0 , y =0 , v =3290

$$\le =87$$
 , h =20 , x =0 , y =42 , v =1740

$$\le =82$$
 , h =21 , x =0 , y =62 , v =1722

$$\le =90$$
 , h =7 , x =0 , y =35 , v =630