$ClassName: \ Class\_08.2bp-22$ 

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

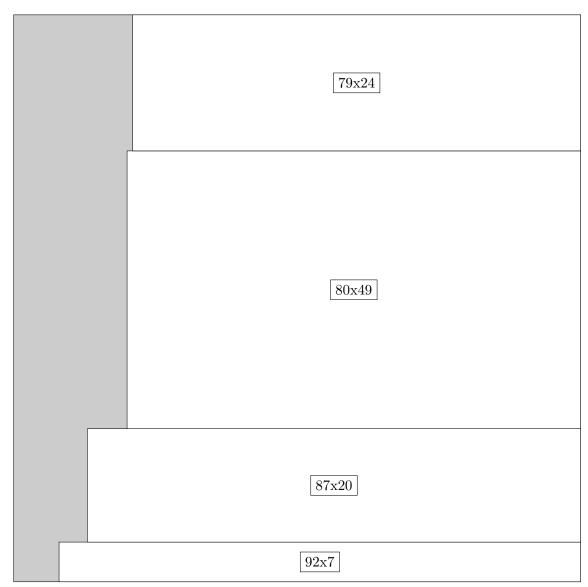
TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>170000</u> InS: <u>140453</u> Rate: <u>0.826</u> UB: <u>17</u> LB: <u>16</u>

LBWithCut:  $\underline{16}$ NodeCount:  $\underline{0}$ PrimalNode:  $\underline{8}$ ColumnCount:  $\underline{117}$ TotalCutCount:  $\underline{0}$ RootCutCount:  $\underline{0}$ LPSolverCnt:  $\underline{150}$ PricingSolverCnt:  $\underline{149}$ BranchAndBoundNum:  $\underline{1}$ 

isOpt: false

 $\begin{array}{ll} {\rm TimeOnPrimal:} \ \underline{1100.024 \ s} \\ {\rm TimeOnPricing:} \ \underline{2999.579 \ s} \end{array}$ 

TimeOnRmp:  $\underline{0.148 \text{ s}}$ TotalTime:  $\underline{3000.010 \text{ s}}$ 

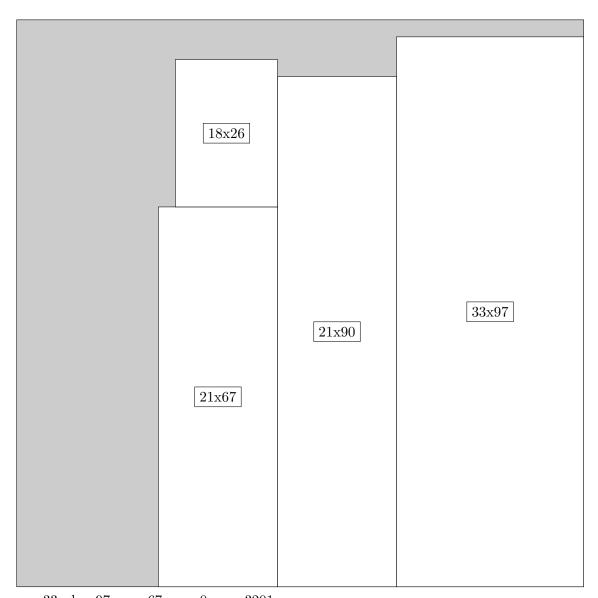


$$\le =92$$
 , h =7 , x =8 , y =0 , v =644

$$\le =87$$
 , h =20 , x =13 , y =7 , v =1740

$$\le =80$$
 , h =49 , x =20 , y =27 , v =3920

$$\le =79$$
 , h =24 , x =21 , y =76 , v =1896

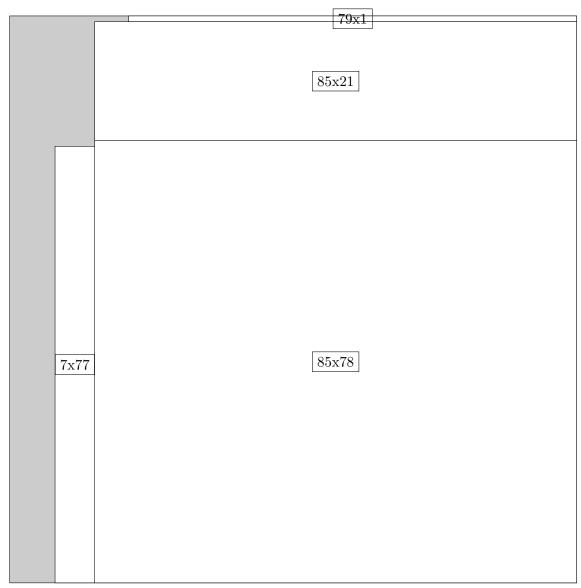


$$\le =33$$
 , h =97 , x =67 , y =0 , v =3201

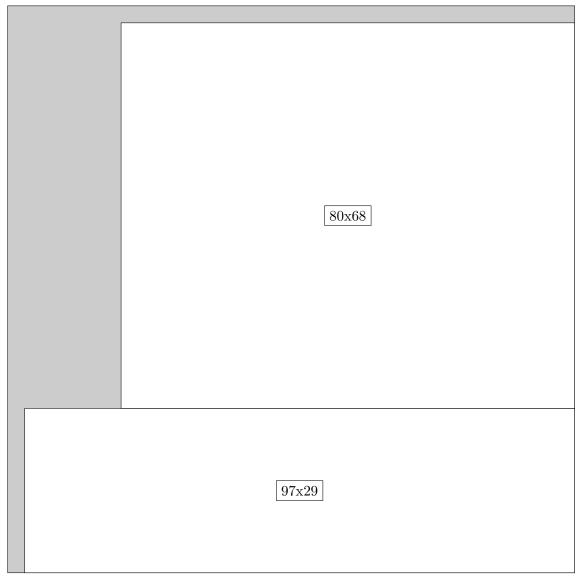
$$\le =21$$
 , h =90 , x =46 , y =0 , v =1890

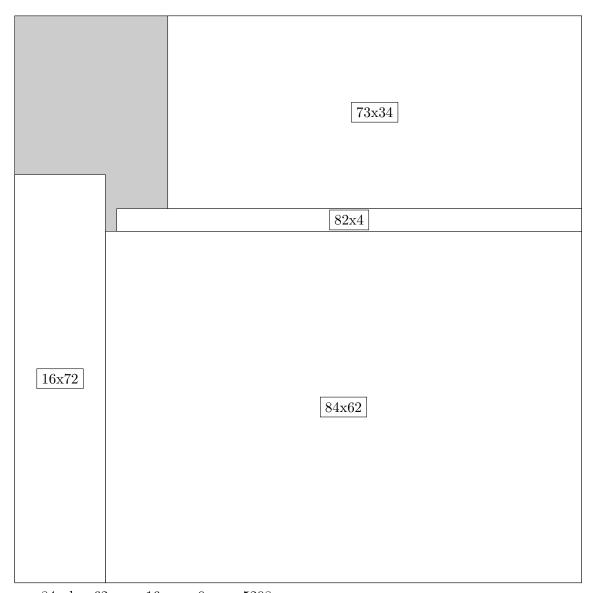
$$\le =21$$
 ,  $h=67$  ,  $x=25$  ,  $y=0$  ,  $v=1407$ 

$$\mathbf{w}$$
 =18 , h =26 , x =28 , y =67 , v =468



 $\begin{array}{l} w = \! 85 \ , \ h = \! 78 \ , \ x = \! 15 \ , \ y = \! 0 \ , \ v = \! 6630 \\ w = \! 85 \ , \ h = \! 21 \ , \ x = \! 15 \ , \ y = \! 78 \ , \ v = \! 1785 \\ w = \! 79 \ , \ h = \! 1 \ , \ x = \! 21 \ , \ y = \! 99 \ , \ v = \! 79 \\ w = \! 7 \ , \ h = \! 77 \ , \ x = \! 8 \ , \ y = \! 0 \ , \ v = \! 539 \end{array}$ 

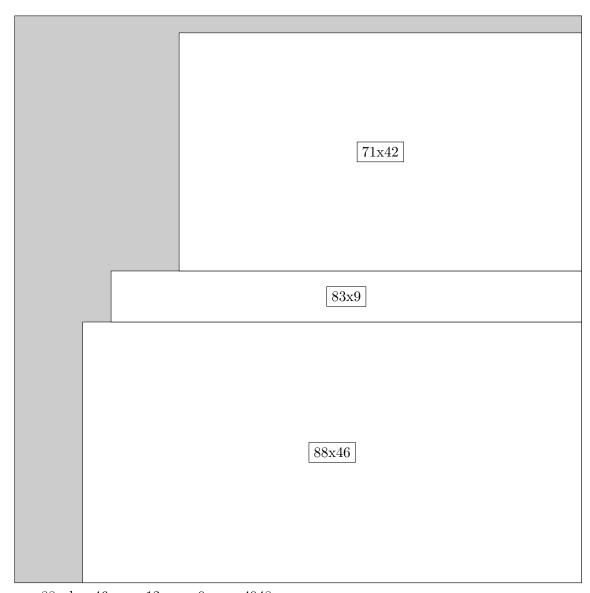




$$\begin{array}{l} w = \!\!84 \ , \ h = \!\!62 \ , \ x = \!\!16 \ , \ y = \!\!0 \ , \ v = \!\!5208 \\ w = \!\!82 \ , \ h = \!\!4 \ , \ x = \!\!18 \ , \ y = \!\!62 \ , \ v = \!\!328 \\ \end{array}$$

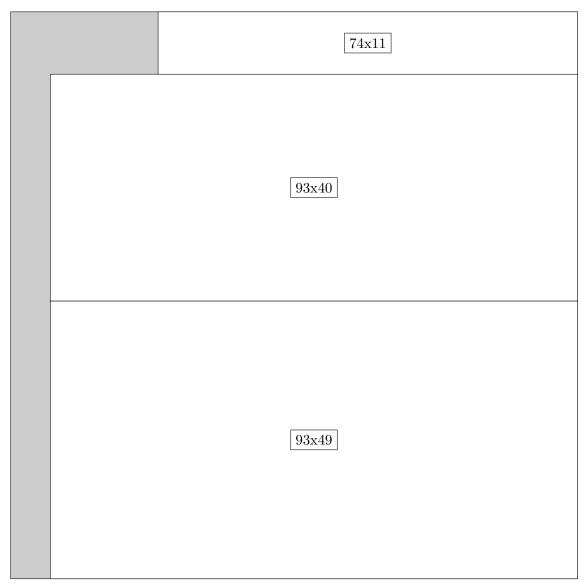
$$\le =73$$
 , h =34 , x =27 , y =66 , v =2482

$$\mathbf{w}$$
 =16 , h =72 , x =0 , y =0 , v =1152

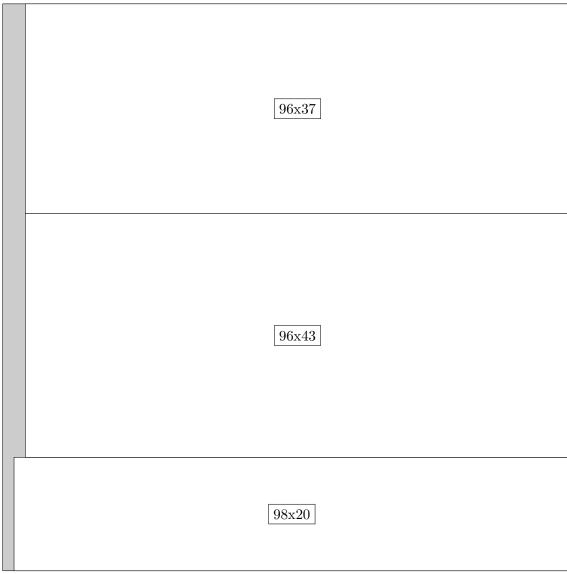


$$\begin{array}{l} w = \! 88 \; , \; h = \! 46 \; , \; x = \! 12 \; , \; y = \! 0 \; , \; v = \! 4048 \\ w = \! 83 \; , \; h = \! 9 \; , \; x = \! 17 \; , \; y = \! 46 \; , \; v = \! 747 \end{array}$$

$$\le =71$$
 , h =42 , x =29 , y =55 , v =2982



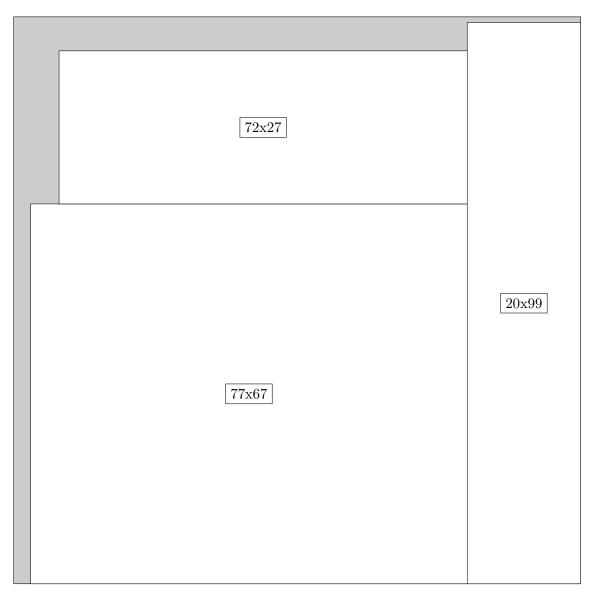
$$\begin{array}{l} w = \! 93 \ , \ h = \! 49 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 4557 \\ w = \! 93 \ , \ h = \! 40 \ , \ x = \! 7 \ , \ y = \! 49 \ , \ v = \! 3720 \\ w = \! 74 \ , \ h = \! 11 \ , \ x = \! 26 \ , \ y = \! 89 \ , \ v = \! 814 \end{array}$$



$$\le =98$$
 , h =20 , x =2 , y =0 , v =1960

$$\le =96$$
 , h =43 , x =4 , y =20 , v =4128

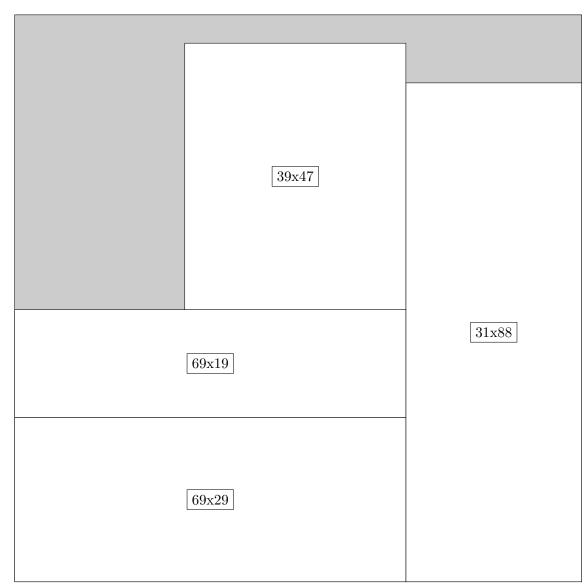
$$\le =96$$
 , h =37 , x =4 , y =63 , v =3552



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

$$\le =77$$
 , h =67 , x =3 , y =0 , v =5159

$$w$$
 =72 ,  $h$  =27 ,  $x$  =8 ,  $y$  =67 ,  $v$  =1944

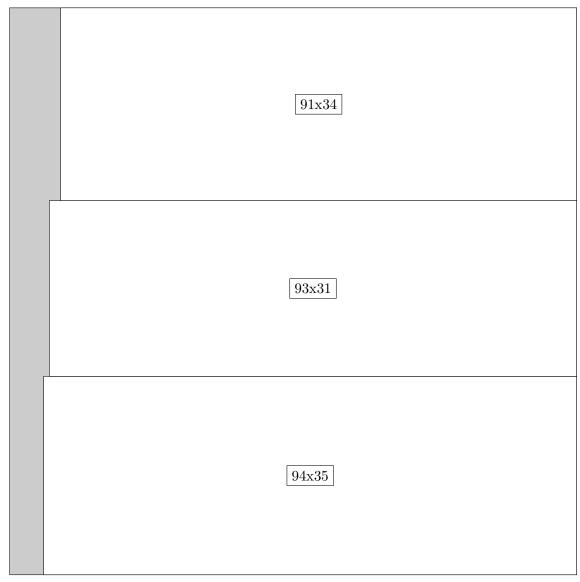


$$\le =31$$
 , h =88 , x =69 , y =0 , v =2728

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

$$\le =69$$
 , h =19 , x =0 , y =29 , v =1311

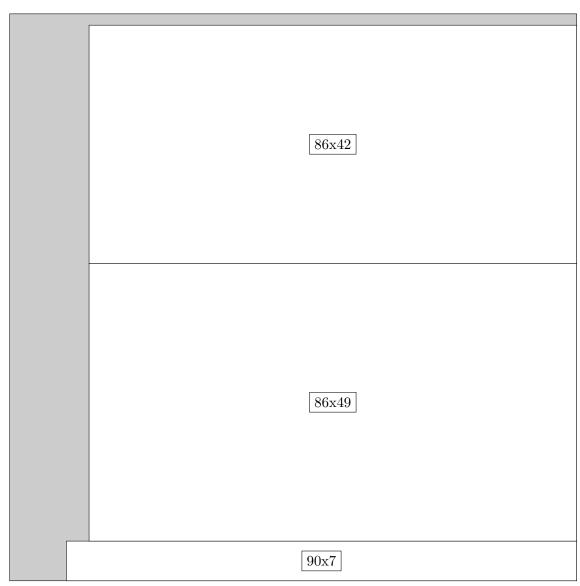
$$\le =39$$
 , h =47 , x =30 , y =48 , v =1833



$$w = 94$$
,  $h = 35$ ,  $x = 6$ ,  $y = 0$ ,  $v = 3290$ 

$$\le =93$$
 , h =31 , x =7 , y =35 , v =2883

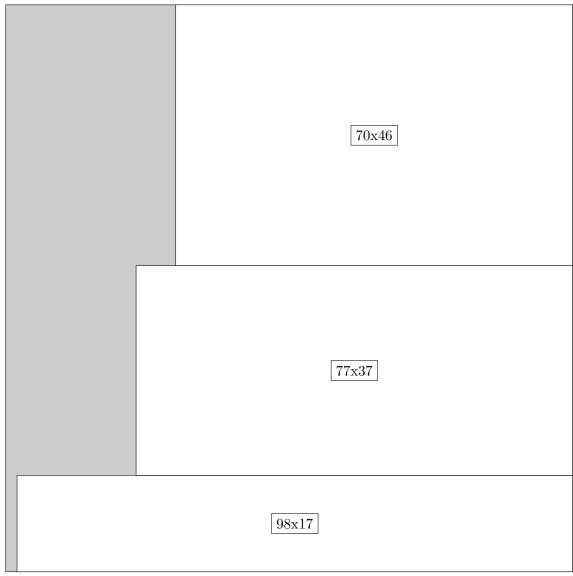
$$\le =91$$
 , h =34 , x =9 , y =66 , v =3094



$$\le =90$$
 , h =7 , x =10 , y =0 , v =630

$$\le =86$$
 , h =49 , x =14 , y =7 , v =4214

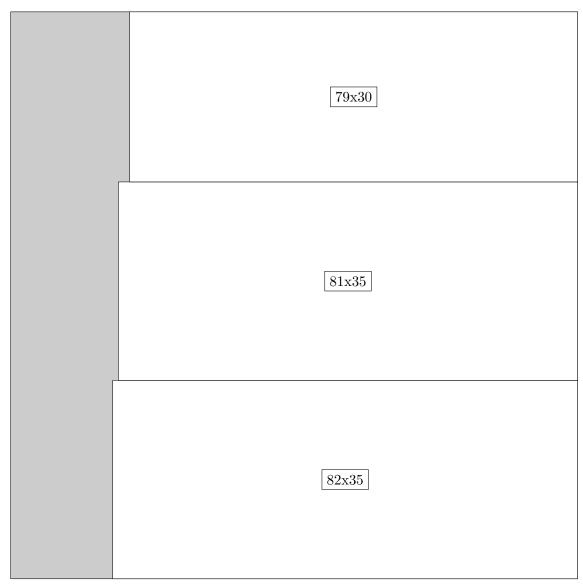
$$\le =86$$
 , h =42 , x =14 , y =56 , v =3612



$$\le =98$$
 , h =17 , x =2 , y =0 , v =1666

$$\le =77$$
 , h =37 , x =23 , y =17 , v =2849

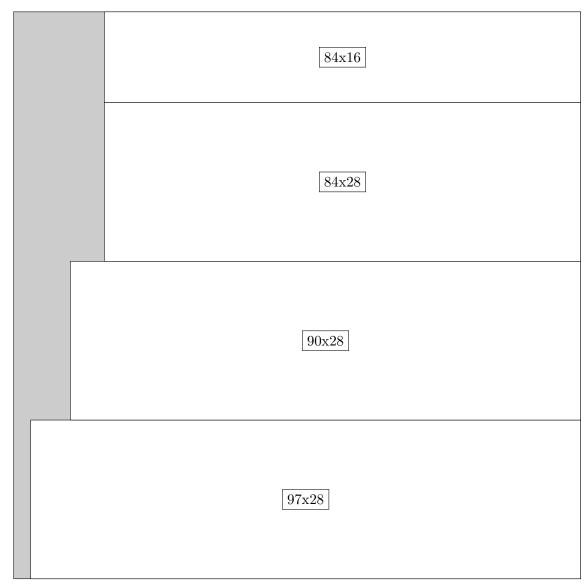
$$\le =70$$
 , h =46 , x =30 , y =54 , v =3220



$$w = 82$$
,  $h = 35$ ,  $x = 18$ ,  $y = 0$ ,  $v = 2870$ 

$$\le =81$$
 , h =35 , x =19 , y =35 , v =2835

$$\le =79$$
 , h =30 , x =21 , y =70 , v =2370

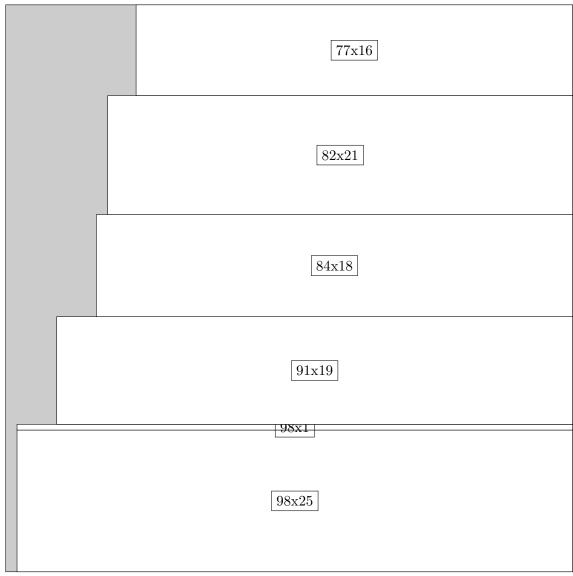


$$\le =97$$
 , h =28 , x =3 , y =0 , v =2716

$$\le =90$$
 , h =28 , x =10 , y =28 , v =2520

$$\le =84$$
 , h =28 , x =16 , y =  
56 , v =2352

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



$$\le =98$$
 , h =25 , x =2 , y =0 , v =2450

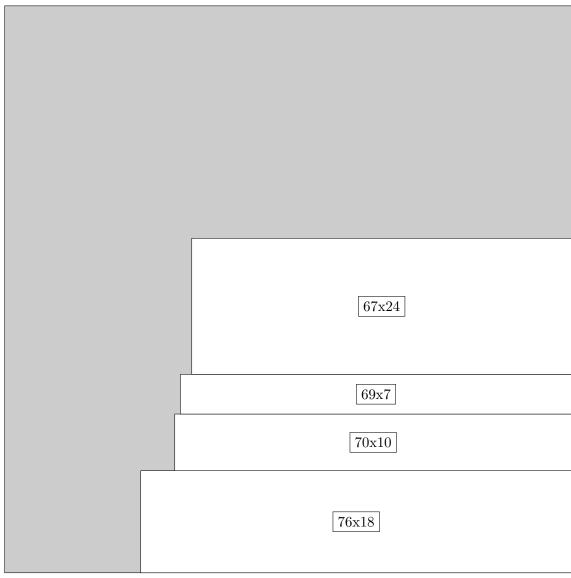
$$\le =98$$
 , h =1 , x =2 , y =25 , v =98

$$\le =91$$
 , h =19 , x =9 , y =26 , v =1729

$$\le =84$$
 ,  $h$  =18 ,  $x$  =16 ,  $y$  =45 ,  $v$  =1512

$$w$$
 =82 ,  $h$  =21 ,  $x$  =18 ,  $y$  =63 ,  $v$  =1722

$$w$$
 =77 ,  $h$  =16 ,  $x$  =23 ,  $y$  =84 ,  $v$  =1232



$$\le =76$$
 , h =18 , x =24 , y =0 , v =1368

$$\le =70$$
 ,  $h=10$  ,  $x=30$  ,  $y=18$  ,  $v=700$ 

$$\le =69$$
 , h =7 , x =31 , y =28 , v =483

$$\mathbf{w}$$
 =67 , h =24 , x =33 , y =35 , v =1608