$ClassName: \ Class_07.2bp-22$

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>170000</u> InS: <u>140685</u> Rate: <u>0.828</u> UB: <u>17</u> LB0: <u>17</u>

LBWithCut: <u>17</u> NodeCut: <u>0</u>

LB: **17**

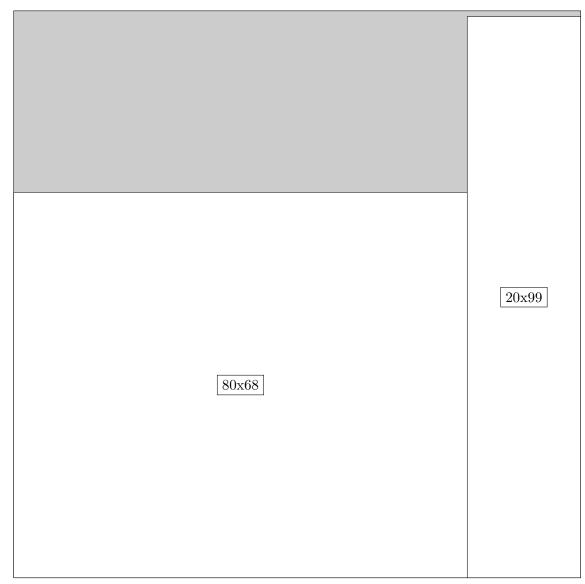
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{17}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

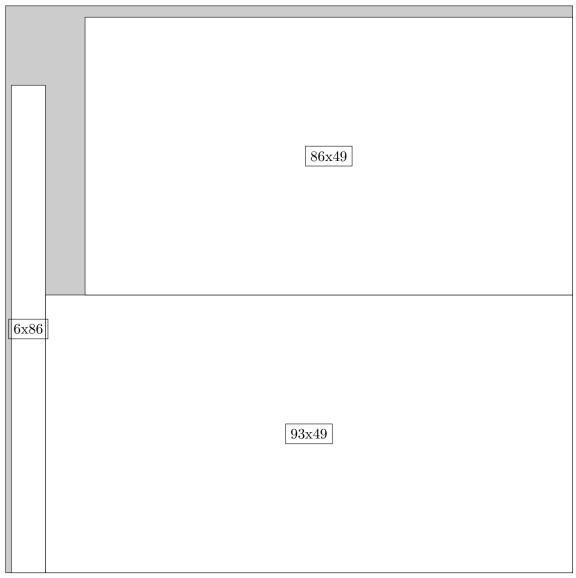
TimeOnInitSolution: $\underline{600.000 \text{ s}}$

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

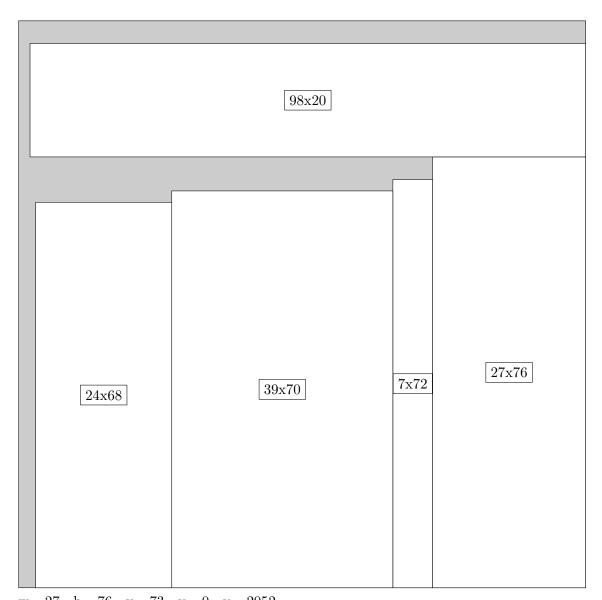


	74x11
15x78	$\fbox{85x78}$

$$\begin{array}{l} w = \! 85 \ , \ h = \! 78 \ , \ x = \! 15 \ , \ y = \! 0 \ , \ v = \! 6630 \\ w = \! 74 \ , \ h = \! 11 \ , \ x = \! 26 \ , \ y = \! 78 \ , \ v = \! 814 \\ w = \! 15 \ , \ h = \! 78 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1170 \end{array}$$

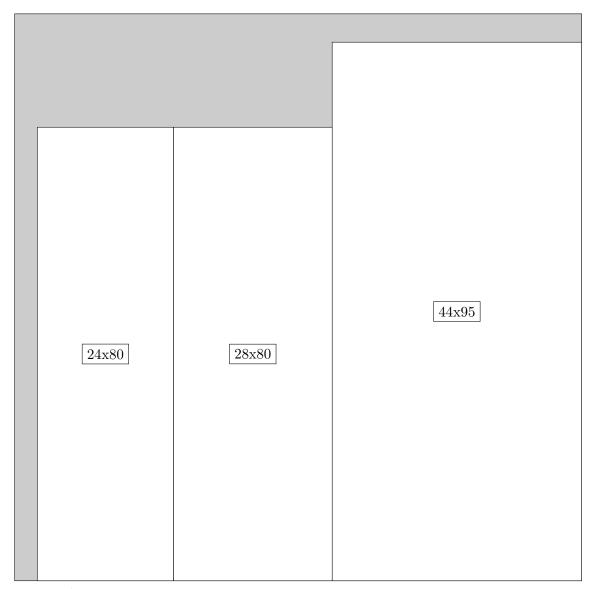


$$\begin{array}{l} w = \! 93 \ , \ h = \! 49 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 4557 \\ w = \! 86 \ , \ h = \! 49 \ , \ x = \! 14 \ , \ y = \! 49 \ , \ v = \! 4214 \\ w = \! 6 \ , \ h = \! 86 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 516 \end{array}$$



$$\begin{array}{l} w=27 \ , \ h=76 \ , \ x=73 \ , \ y=0 \ , \ v=2052 \\ w=7 \ , \ h=72 \ , \ x=66 \ , \ y=0 \ , \ v=504 \\ w=39 \ , \ h=70 \ , \ x=27 \ , \ y=0 \ , \ v=2730 \\ w=24 \ , \ h=68 \ , \ x=3 \ , \ y=0 \ , \ v=1632 \end{array}$$

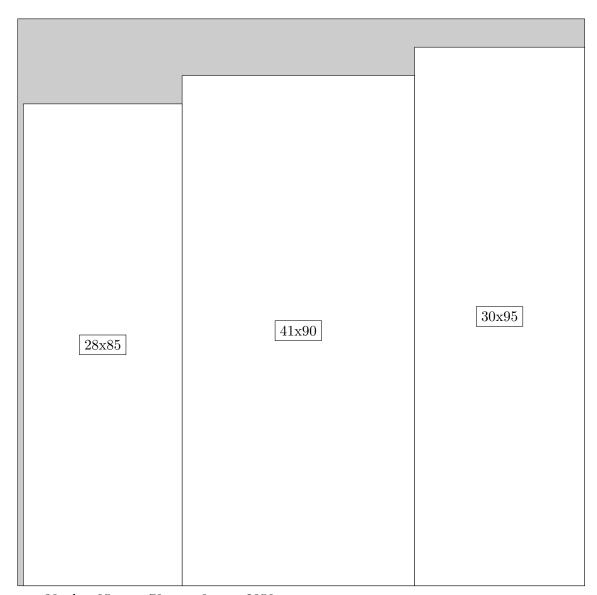
w = 98, h = 20, x = 2, y = 76, v = 1960



 $\le =44$, h =95 , x = 56 , y =0 , v = 4180

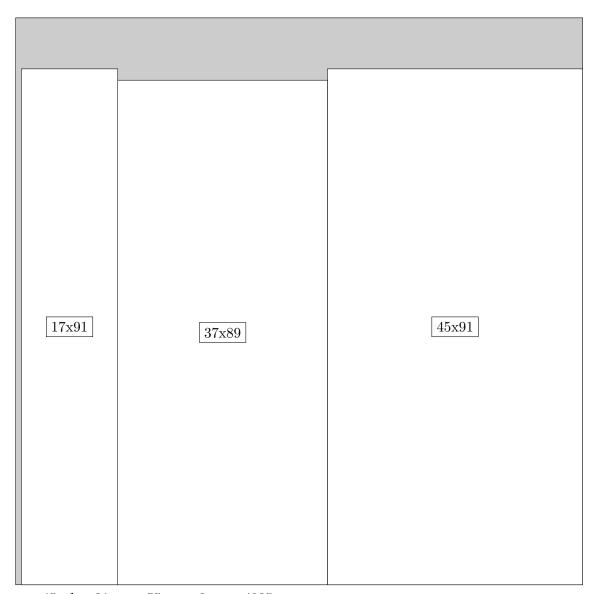
 $\le =28$, h =80 , x =28 , y =0 , v =2240

 $\le =24$, h =80 , x =4 , y =0 , v =1920



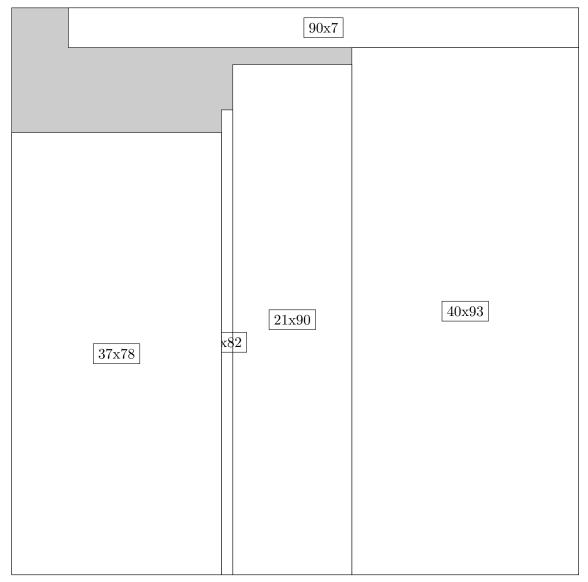
$$\begin{array}{l} w = & 30 \ , \ h = & 95 \ , \ x = & 70 \ , \ y = & 0 \ , \ v = & 2850 \\ w = & 41 \ , \ h = & 90 \ , \ x = & 29 \ , \ y = & 0 \ , \ v = & 3690 \end{array}$$

$$\le =28$$
 , h =85 , x =1 , y =0 , v =2380

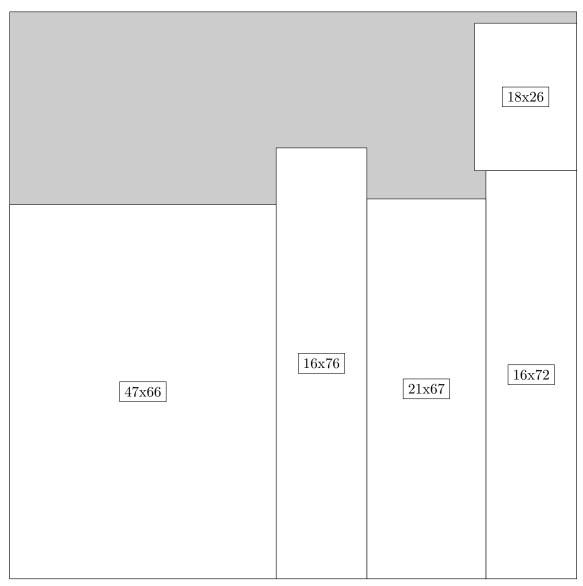


 $w=\!45$, $h=\!91$, $x=\!55$, $y=\!0$, $v=\!4095$ $w=\!37$, $h=\!89$, $x=\!18$, $y=\!0$, $v=\!3293$

w = 17, h = 91, x = 1, y = 0, v = 1547



 $\begin{array}{l} w = \! 40 \; , \; h = \! 93 \; , \; x = \! 60 \; , \; y = \! 0 \; , \; v = \! 3720 \\ w = \! 21 \; , \; h = \! 90 \; , \; x = \! 39 \; , \; y = \! 0 \; , \; v = \! 1890 \\ w = \! 2 \; , \; h = \! 82 \; , \; x = \! 37 \; , \; y = \! 0 \; , \; v = \! 164 \\ w = \! 37 \; , \; h = \! 78 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 2886 \\ w = \! 90 \; , \; h = \! 7 \; , \; x = \! 10 \; , \; y = \! 93 \; , \; v = \! 630 \end{array}$



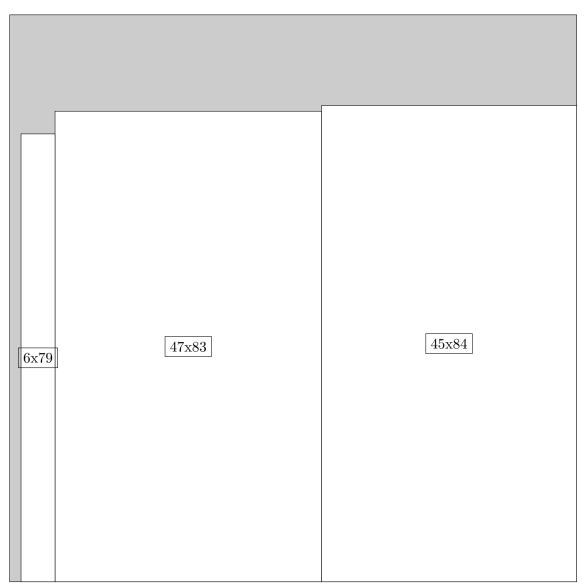
$$w = 16$$
, $h = 72$, $x = 84$, $y = 0$, $v = 1152$

$$\le =21$$
 , h =67 , x =63 , y =0 , v =1407

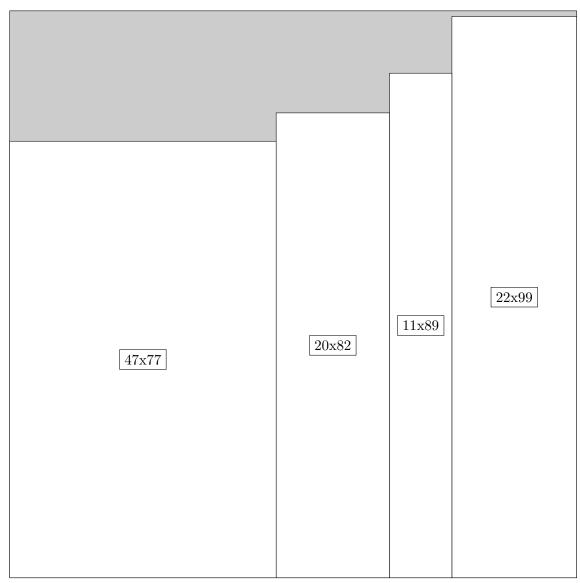
$$\le =18$$
 , h =26 , x =82 , y =72 , v =468

$$\mathbf{w}$$
 =16 , h =76 , x =47 , y =0 , v =1216

$$w = 47$$
, $h = 66$, $x = 0$, $y = 0$, $v = 3102$



 $\begin{array}{l} w = \! 45 \ , \ h = \! 84 \ , \ x = \! 55 \ , \ y = \! 0 \ , \ v = \! 3780 \\ w = \! 47 \ , \ h = \! 83 \ , \ x = \! 8 \ , \ y = \! 0 \ , \ v = \! 3901 \\ w = \! 6 \ , \ h = \! 79 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 474 \end{array}$

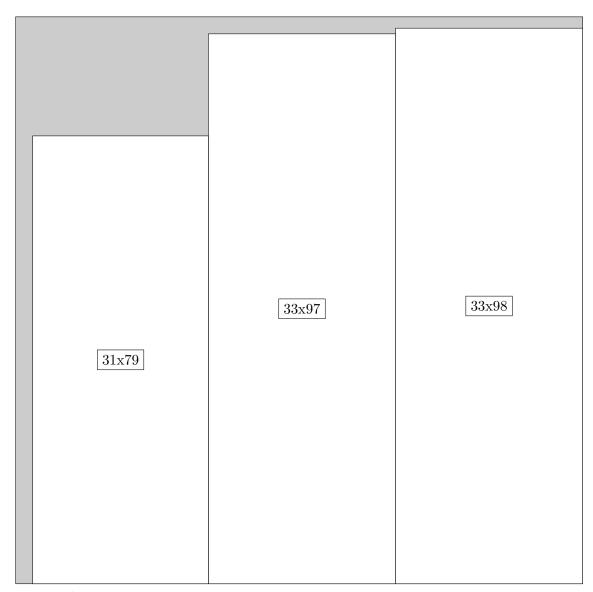


$$w = 22$$
, $h = 99$, $x = 78$, $y = 0$, $v = 2178$

$$\le =11$$
 , $h=89$, $x=67$, $y=0$, $v=979$

$$\le =20$$
 , h =82 , x =47 , y =0 , v =1640

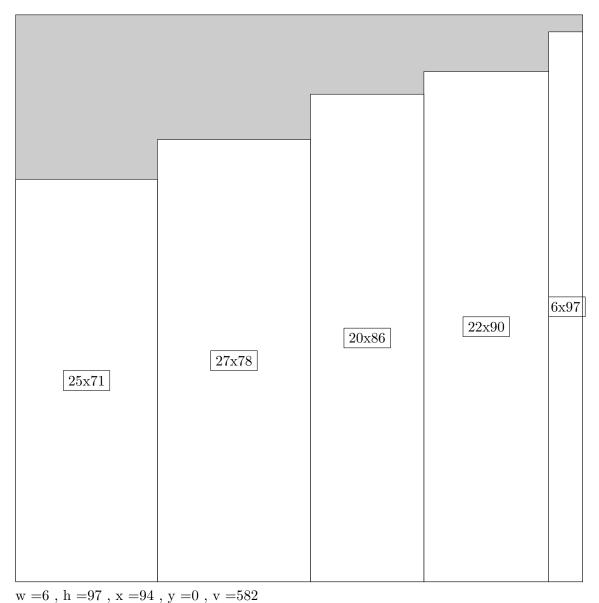
$$\mathbf{w}$$
 =47 , h =77 , x =0 , y =0 , v =3619



 $\le =33$, h =98 , x =67 , y =0 , v =3234

 $\le =33$, h =97 , x =34 , y =0 , v =3201

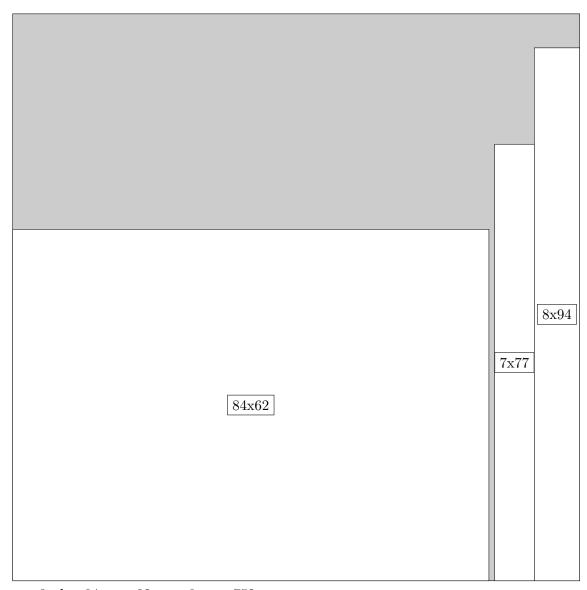
 $\le =31$, h =79 , x =3 , y =0 , v =2449



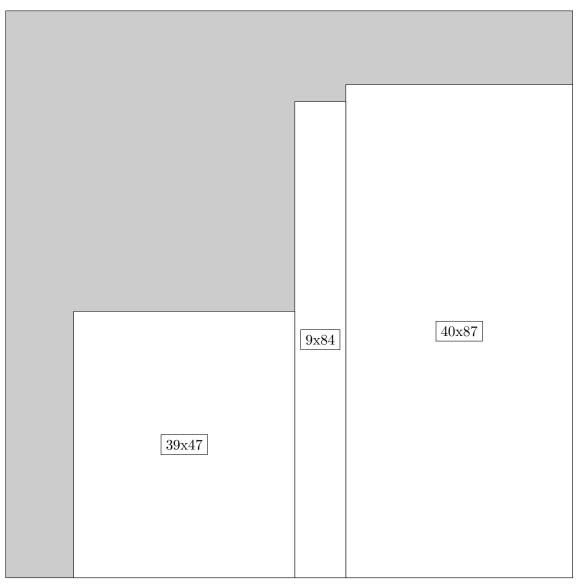
 $\le =22$, h =90 , x =72 , y =0 , v =1980 $\le =20$, h =86 , x =52 , y =0 , v =1720

 $\le =27$, h =78 , x =25 , y =0 , v =2106

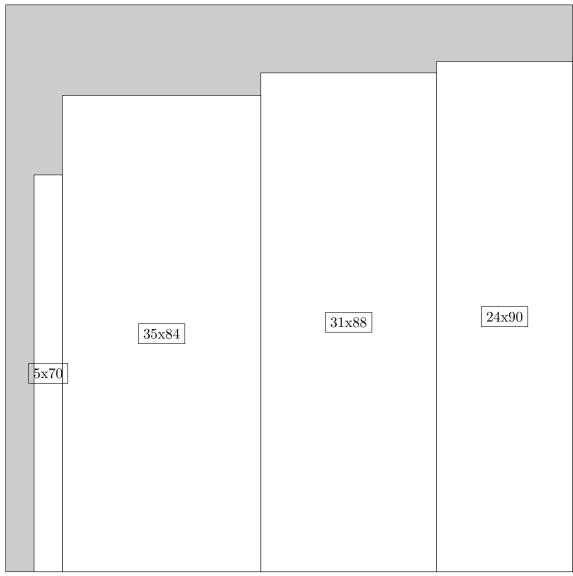
 $\le =25$, h =71 , x =0 , y =0 , v =1775



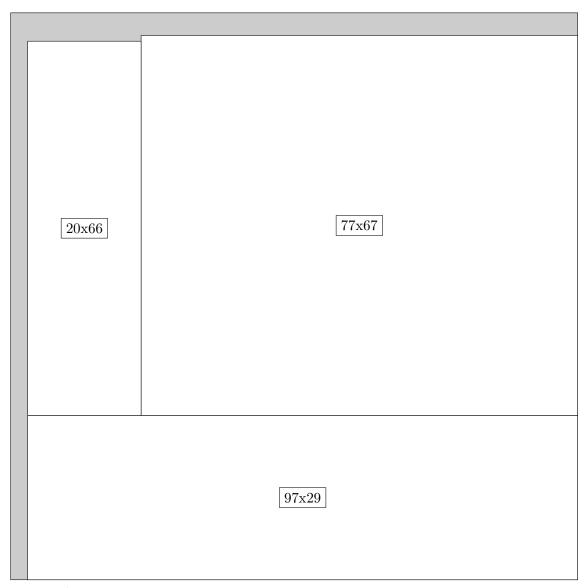
 $\begin{array}{l} w=8 \ , \ h=94 \ , \ x=92 \ , \ y=0 \ , \ v=752 \\ w=7 \ , \ h=77 \ , \ x=85 \ , \ y=0 \ , \ v=539 \\ w=84 \ , \ h=62 \ , \ x=0 \ , \ y=0 \ , \ v=5208 \end{array}$



 $\begin{array}{l} w = \! 40 \ , \ h = \! 87 \ , \ x = \! 60 \ , \ y = \! 0 \ , \ v = \! 3480 \\ w = \! 9 \ , \ h = \! 84 \ , \ x = \! 51 \ , \ y = \! 0 \ , \ v = \! 756 \\ w = \! 39 \ , \ h = \! 47 \ , \ x = \! 12 \ , \ y = \! 0 \ , \ v = \! 1833 \end{array}$



 $\begin{array}{l} w=24 \ , \ h=90 \ , \ x=76 \ , \ y=0 \ , \ v=2160 \\ w=31 \ , \ h=88 \ , \ x=45 \ , \ y=0 \ , \ v=2728 \\ w=35 \ , \ h=84 \ , \ x=10 \ , \ y=0 \ , \ v=2940 \\ w=5 \ , \ h=70 \ , \ x=5 \ , \ y=0 \ , \ v=350 \end{array}$



$$\le =97$$
 , h =29 , x =3 , y =0 , v =2813

$$\le =77$$
 , h =67 , x =23 , y =29 , v =5159

$$\le =20$$
 , h =66 , x =3 , y =29 , v =1320