$ClassName: \ Class_07.2bp-29$

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>190000</u> InS: <u>162038</u> Rate: <u>0.853</u> UB: <u>19</u> LB0: <u>18</u> LB: <u>18</u>

LBWithCut: $\underline{\mathbf{18}}$ NodeCut: $\underline{\mathbf{0}}$

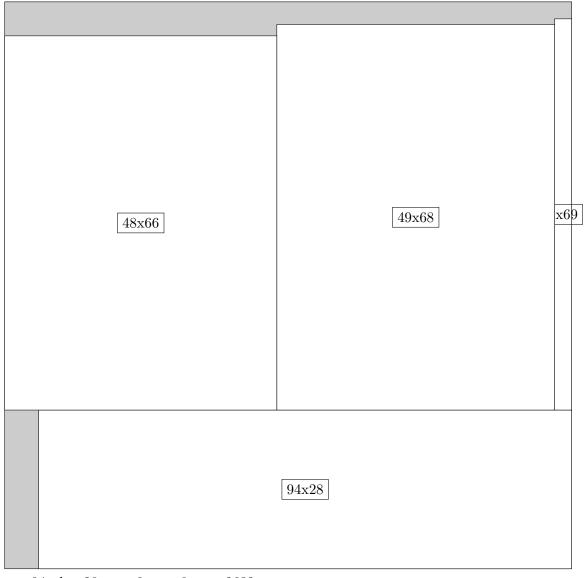
 $\operatorname{ExtendedNodeCnt}$: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{3}$ PrimalNode: $\underline{45}$ ColumnCount: $\underline{157}$ TotalCutCount: $\underline{0}$ RootCutCount: $\underline{0}$ LPSolverCnt: $\underline{414}$ PricingSolverCnt: $\underline{413}$ BranchAndBoundNum: $\underline{3}$

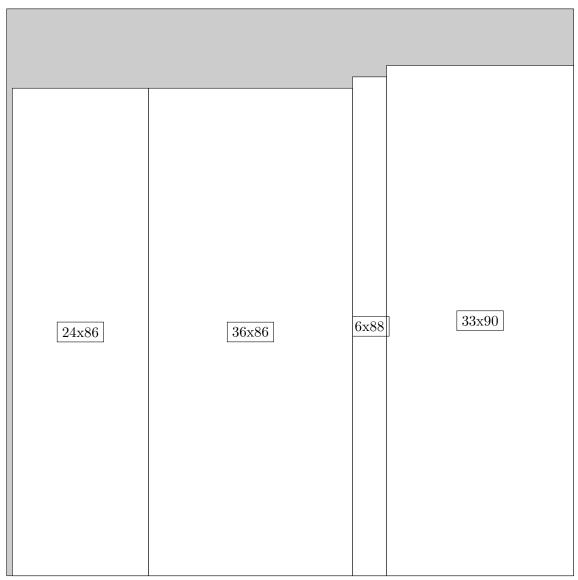
isOpt: $\underline{\mathbf{true}}$

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \; \underline{600.000 \; s} \\ {\rm TimeOnPrimal:} \; \underline{560.927 \; s} \\ {\rm TimeOnPricing:} \; \underline{2692.469 \; s} \end{array}$

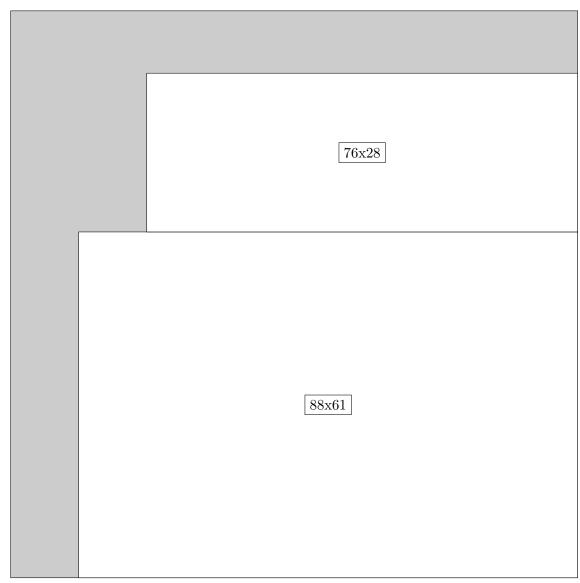
TimeOnRmp: $\underline{0.397}$ s
TotalTime: $\underline{3293.227}$ s



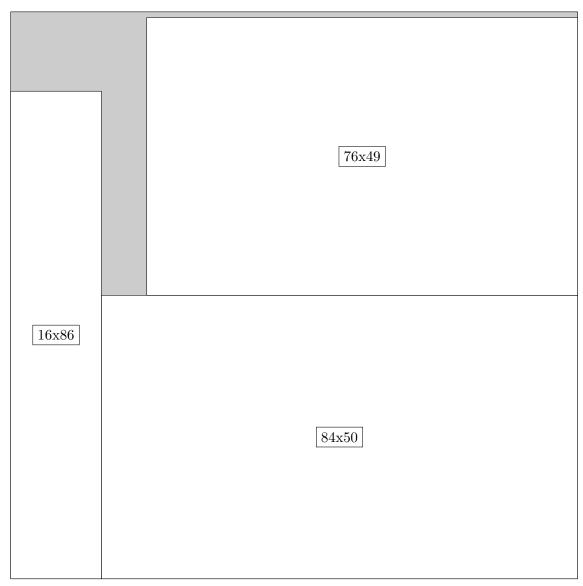
 $\begin{array}{l} w = 94 \ , \ h = 28 \ , \ x = 6 \ , \ y = 0 \ , \ v = 2632 \\ w = 3 \ , \ h = 69 \ , \ x = 97 \ , \ y = 28 \ , \ v = 207 \\ w = 49 \ , \ h = 68 \ , \ x = 48 \ , \ y = 28 \ , \ v = 3332 \\ w = 48 \ , \ h = 66 \ , \ x = 0 \ , \ y = 28 \ , \ v = 3168 \end{array}$



 $\begin{array}{l} w = & 33 \ , \ h = & 90 \ , \ x = & 67 \ , \ y = & 0 \ , \ v = & 2970 \\ w = & 6 \ , \ h = & 88 \ , \ x = & 61 \ , \ y = & 0 \ , \ v = & 528 \\ w = & 36 \ , \ h = & 86 \ , \ x = & 25 \ , \ y = & 0 \ , \ v = & 3096 \\ w = & 24 \ , \ h = & 86 \ , \ x = & 1 \ , \ y = & 0 \ , \ v = & 2064 \end{array}$



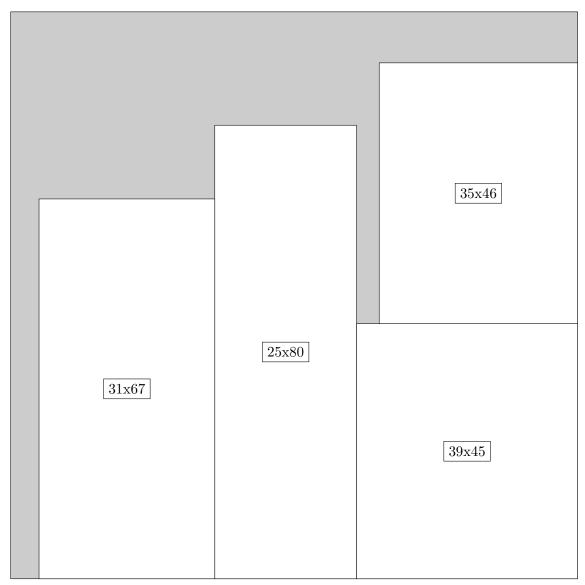
$$\begin{array}{l} w = \! 88 \; , \; h = \! 61 \; , \; x = \! 12 \; , \; y = \! 0 \; , \; v = \! 5368 \\ w = \! 76 \; , \; h = \! 28 \; , \; x = \! 24 \; , \; y = \! 61 \; , \; v = \! 2128 \end{array}$$



$$w = 84$$
, $h = 50$, $x = 16$, $y = 0$, $v = 4200$

$$w$$
 =76 , h =49 , x =24 , y =50 , v =3724

$$\le =16$$
 , h =86 , x =0 , y =0 , v =1376

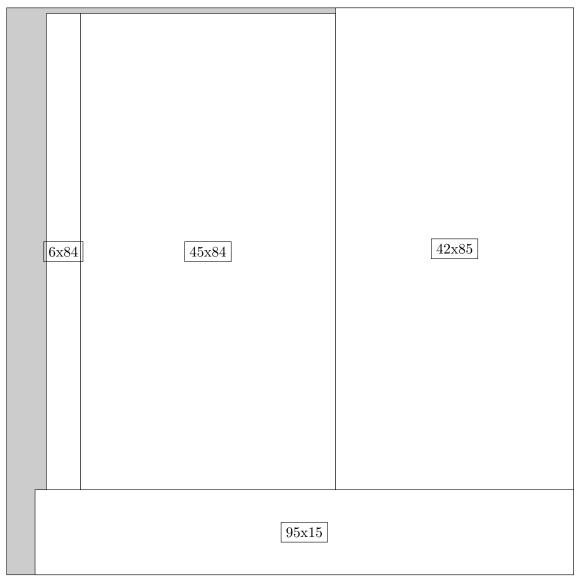


 $\le =39$, h =45 , x =61 , y =0 , v =1755

 $\le =35$, h =46 , x =65 , y =45 , v =1610

 $\le =25$, h =80 , x =36 , y =0 , v =2000

 ≤ 31 , h =67 , x =5 , y =0 , v =2077

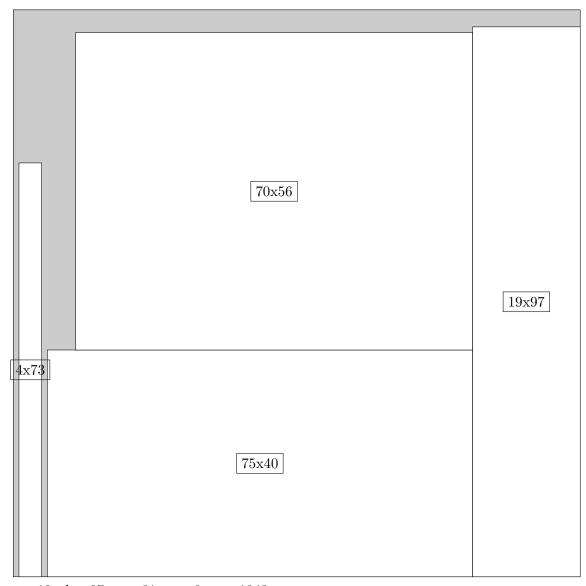


w =95 , h =15 , x =5 , y =0 , v =1425

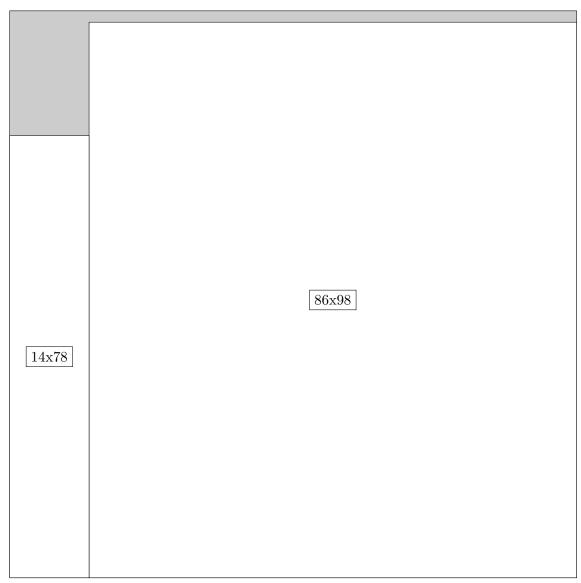
 $\le =42$, h =85 , x =58 , y =15 , v =3570

 $\le =45$, h =84 , x =13 , y =15 , v =3780

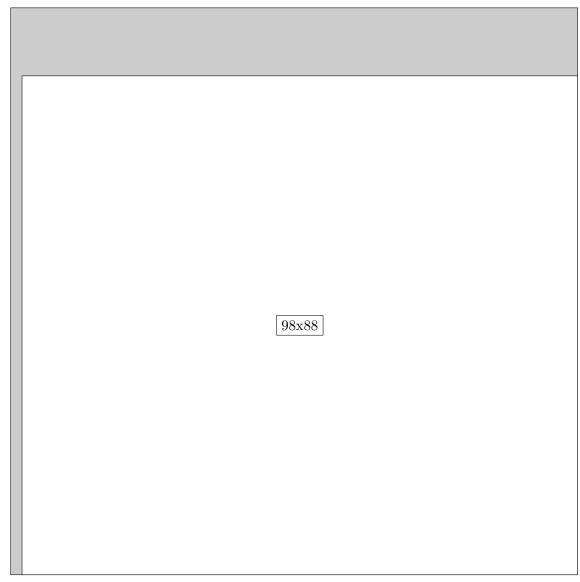
w =6 , h =84 , x =7 , y =15 , v =504



$$\begin{array}{l} w=19 \ , \ h=97 \ , \ x=81 \ , \ y=0 \ , \ v=1843 \\ w=75 \ , \ h=40 \ , \ x=6 \ , \ y=0 \ , \ v=3000 \\ w=70 \ , \ h=56 \ , \ x=11 \ , \ y=40 \ , \ v=3920 \\ w=4 \ , \ h=73 \ , \ x=1 \ , \ y=0 \ , \ v=292 \end{array}$$



$$\begin{array}{l} w = \! 86 \ , \ h = \! 98 \ , \ x = \! 14 \ , \ y = \! 0 \ , \ v = \! 8428 \\ w = \! 14 \ , \ h = \! 78 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1092 \end{array}$$

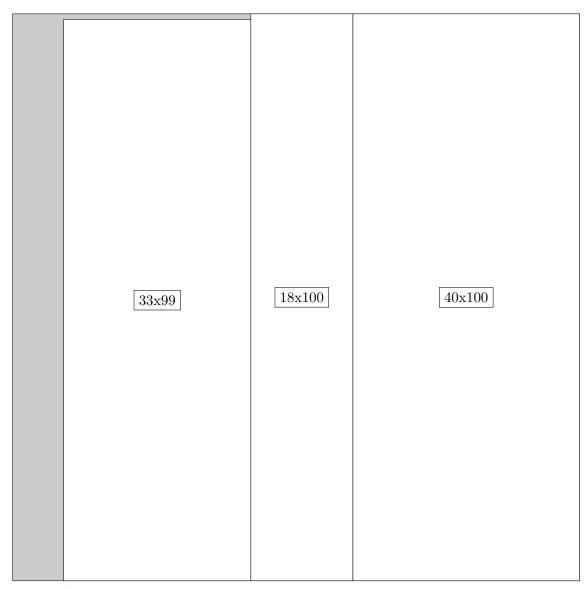


 $\le =98$, h =88 , x =2 , y =0 , v =8624

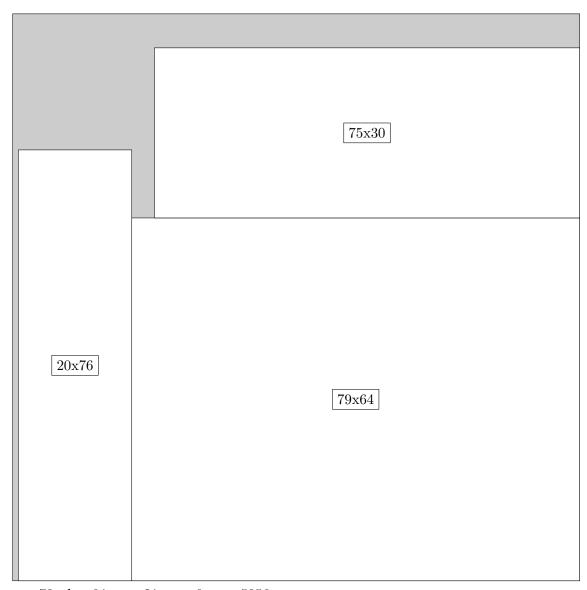


$$\mathbf{w}$$
 =14 , h =31 , x =0 , y =0 , v =434

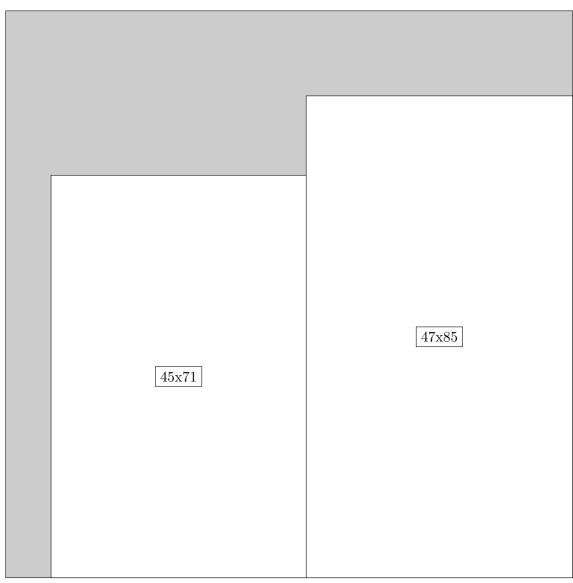
$$\le =90$$
 , h =38 , x =10 , y =62 , v =3420



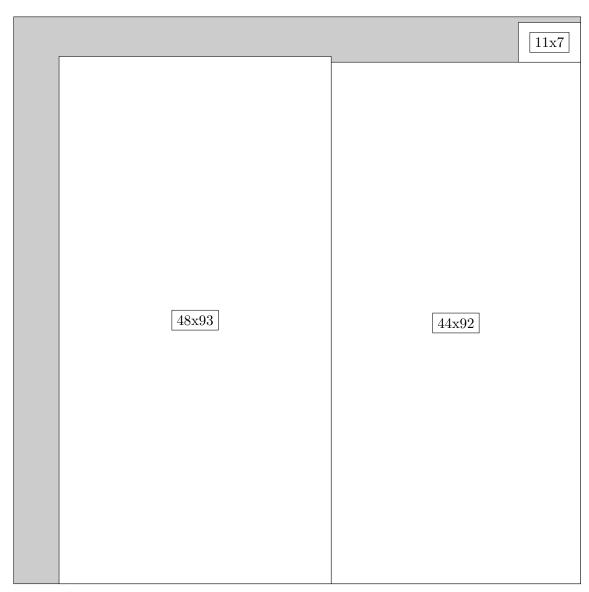
 $\begin{array}{l} w = \! 40 \ , \ h = \! 100 \ , \ x = \! 60 \ , \ y = \! 0 \ , \ v = \! 4000 \\ w = \! 18 \ , \ h = \! 100 \ , \ x = \! 42 \ , \ y = \! 0 \ , \ v = \! 1800 \\ w = \! 33 \ , \ h = \! 99 \ , \ x = \! 9 \ , \ y = \! 0 \ , \ v = \! 3267 \end{array}$



$$\begin{array}{l} w = 79 \ , \ h = 64 \ , \ x = 21 \ , \ y = 0 \ , \ v = 5056 \\ w = 75 \ , \ h = 30 \ , \ x = 25 \ , \ y = 64 \ , \ v = 2250 \\ w = 20 \ , \ h = 76 \ , \ x = 1 \ , \ y = 0 \ , \ v = 1520 \end{array}$$



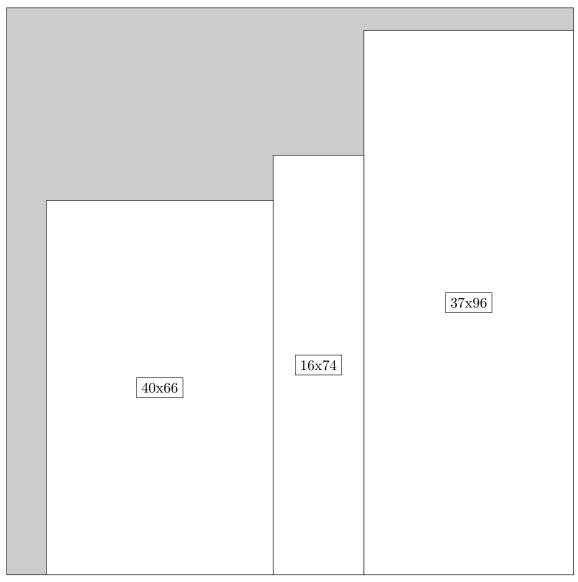
$$\begin{array}{l} w = \! 47 \; , \; h = \! 85 \; , \; x = \! 53 \; , \; y = \! 0 \; , \; v = \! 3995 \\ w = \! 45 \; , \; h = \! 71 \; , \; x = \! 8 \; , \; y = \! 0 \; , \; v = \! 3195 \end{array}$$



 $\le =44$, h =92 , x = 56 , y =0 , v = 4048

 $\le =11$, h =7 , x =89 , y =92 , v =77

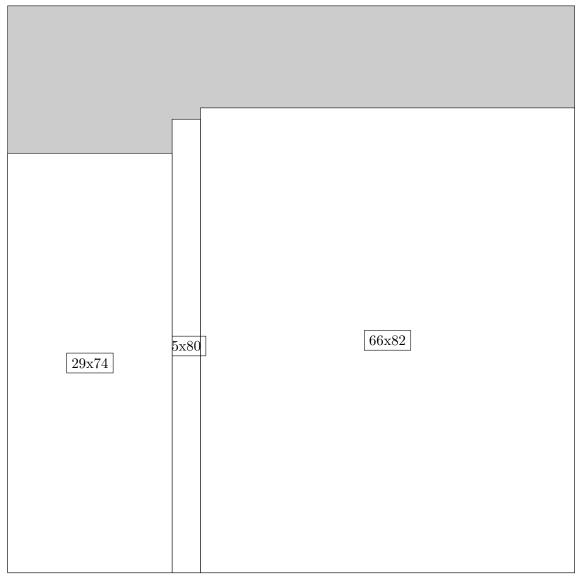
 $\le =48$, h =93 , x =8 , y =0 , v =4464



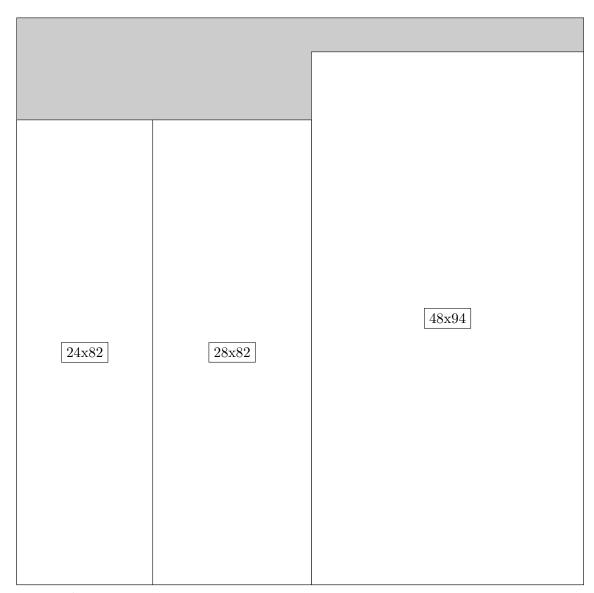
$$w = 37$$
, $h = 96$, $x = 63$, $y = 0$, $v = 3552$

$$\mathbf{w}$$
 =16 , h =74 , x =47 , y =0 , v =1184

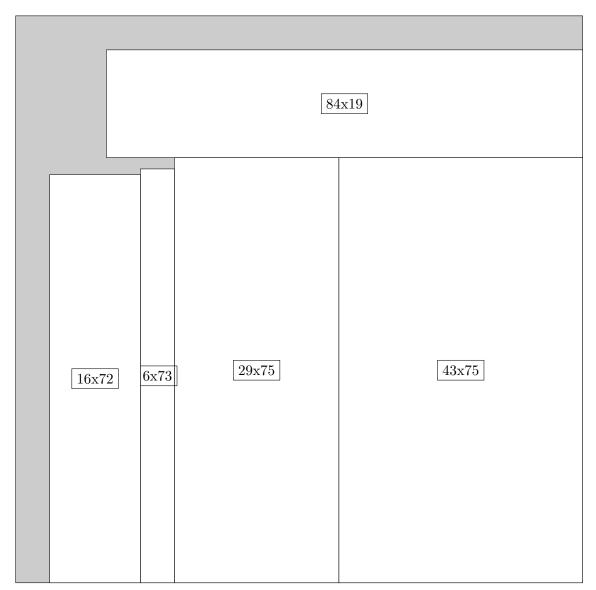
$$\le =40$$
 , h =66 , x =7 , y =0 , v =2640



 $\begin{array}{l} w = \!\!66 \ , \ h = \!\!82 \ , \ x = \!\!34 \ , \ y = \!\!0 \ , \ v = \!\!5412 \\ w = \!\!5 \ , \ h = \!\!80 \ , \ x = \!\!29 \ , \ y = \!\!0 \ , \ v = \!\!400 \\ w = \!\!29 \ , \ h = \!\!74 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!2146 \end{array}$



 $\begin{array}{l} w = \! 48 \ , \ h = \! 94 \ , \ x = \! 52 \ , \ y = \! 0 \ , \ v = \! 4512 \\ w = \! 28 \ , \ h = \! 82 \ , \ x = \! 24 \ , \ y = \! 0 \ , \ v = \! 2296 \\ w = \! 24 \ , \ h = \! 82 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1968 \end{array}$



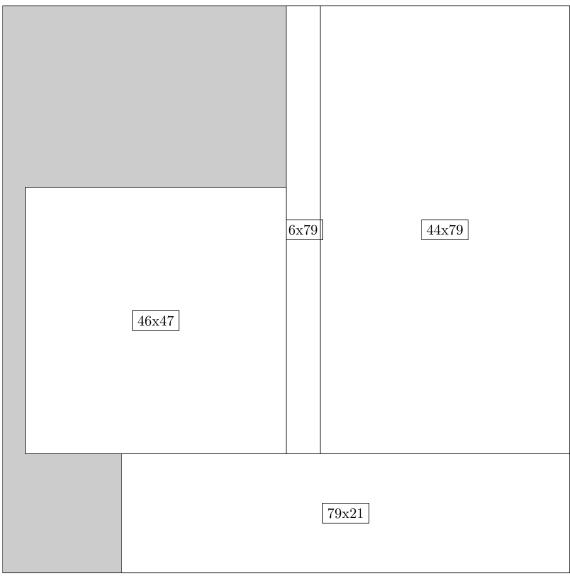
$$w = 43$$
, $h = 75$, $x = 57$, $y = 0$, $v = 3225$

$$\le =29$$
 , h =75 , x =28 , y =0 , v =2175

$$\mathbf{w}$$
 =6 , h =73 , x =22 , y =0 , v =438

$$\mathbf{w}$$
 =16 , h =72 , x =6 , y =0 , v =1152

$$\le =84$$
 , h =19 , x =16 , y =75 , v =1596



 $\begin{array}{l} w=79 \ , \ h=21 \ , \ x=21 \ , \ y=0 \ , \ v=1659 \\ w=44 \ , \ h=79 \ , \ x=56 \ , \ y=21 \ , \ v=3476 \\ w=6 \ , \ h=79 \ , \ x=50 \ , \ y=21 \ , \ v=474 \\ w=46 \ , \ h=47 \ , \ x=4 \ , \ y=21 \ , \ v=2162 \end{array}$