$ClassName: \ Class_05.2bp-32$

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

TypeNum: <u>79</u> Num: <u>80</u> OutS: <u>250000</u> InS: <u>195188</u> Rate: <u>0.781</u> UB: <u>25</u> LB0: <u>24</u>

LBWithCut: $\underline{25}$ NodeCut: $\underline{0}$

LB: **25**

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

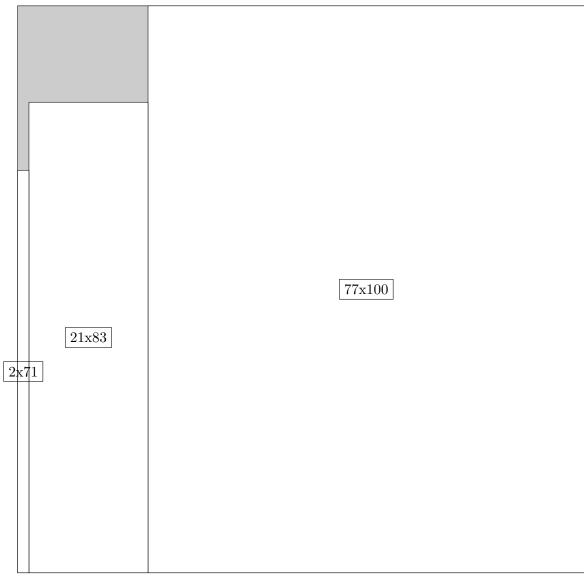
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{61}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{37}}$ PricingSolverCnt: $\underline{\mathbf{37}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: false

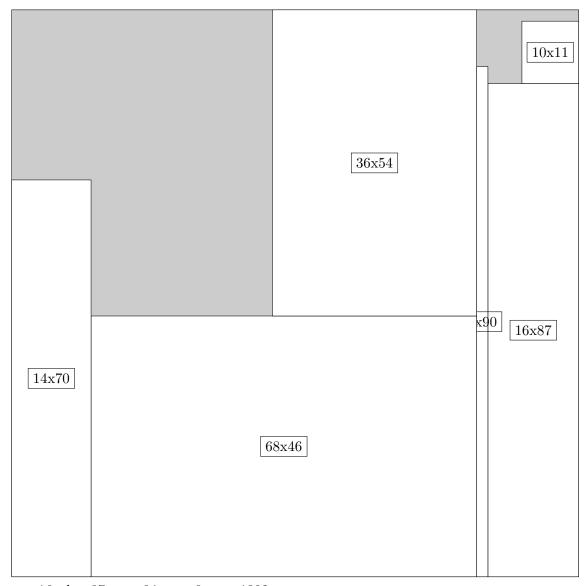
TimeOnInitSolution: $\underline{600.000 \text{ s}}$

TimeOnPrimal: <u>0.000 s</u>
TimeOnPricing: <u>2999.628 s</u>

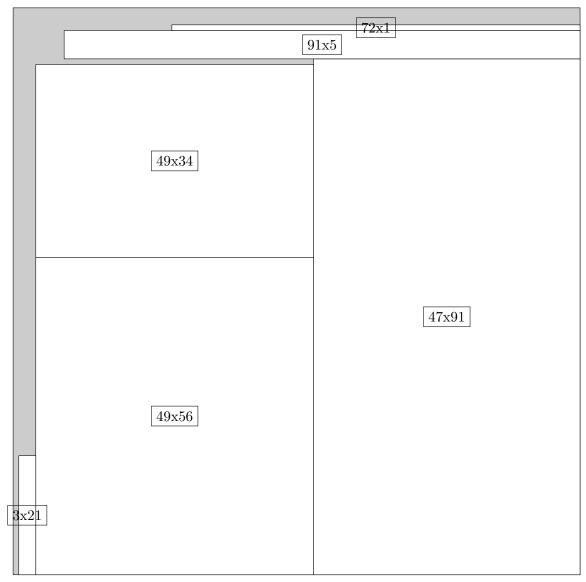
TimeOnRmp: $\underline{0.092 \text{ s}}$ TotalTime: 3599.986 s



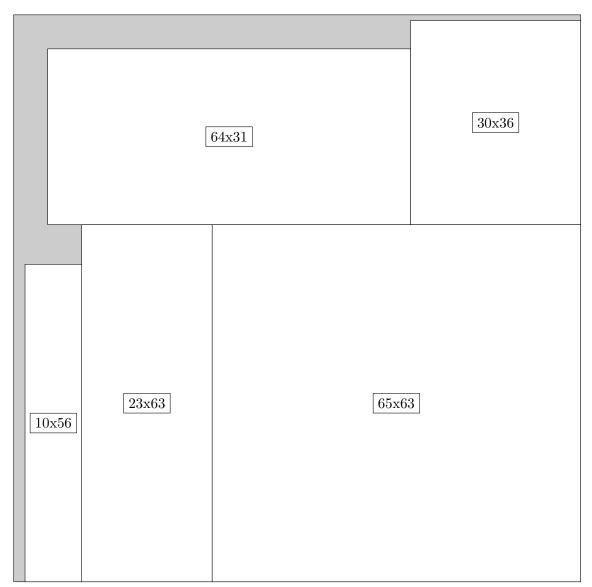
 $\begin{array}{l} w = \!\!\! 77 \;,\; h = \!\!\! 100 \;,\; x = \!\!\! 23 \;,\; y = \!\!\! 0 \;,\; v = \!\!\! 7700 \\ w = \!\!\! 21 \;,\; h = \!\!\! 83 \;,\; x = \!\!\! 2 \;,\; y = \!\!\! 0 \;,\; v = \!\!\! 1743 \\ w = \!\!\! 2 \;,\; h = \!\!\! 71 \;,\; x = \!\!\! 0 \;,\; y = \!\!\! 0 \;,\; v = \!\!\! 142 \end{array}$



 $\begin{array}{l} w=16 \ , \ h=87 \ , \ x=84 \ , \ y=0 \ , \ v=1392 \\ w=10 \ , \ h=11 \ , \ x=90 \ , \ y=87 \ , \ v=110 \\ w=2 \ , \ h=90 \ , \ x=82 \ , \ y=0 \ , \ v=180 \\ w=68 \ , \ h=46 \ , \ x=14 \ , \ y=0 \ , \ v=3128 \\ w=36 \ , \ h=54 \ , \ x=46 \ , \ y=46 \ , \ v=1944 \\ w=14 \ , \ h=70 \ , \ x=0 \ , \ y=0 \ , \ v=980 \end{array}$



 $\begin{array}{l} w = \!\!47 \;,\; h = \!\!91 \;,\; x = \!\!53 \;,\; y = \!\!0 \;,\; v = \!\!4277 \\ w = \!\!49 \;,\; h = \!\!56 \;,\; x = \!\!4 \;,\; y = \!\!0 \;,\; v = \!\!2744 \\ w = \!\!3 \;,\; h = \!\!21 \;,\; x = \!\!1 \;,\; y = \!\!0 \;,\; v = \!\!63 \\ w = \!\!49 \;,\; h = \!\!34 \;,\; x = \!\!4 \;,\; y = \!\!56 \;,\; v = \!\!1666 \\ w = \!\!91 \;,\; h = \!\!5 \;,\; x = \!\!9 \;,\; y = \!\!91 \;,\; v = \!\!455 \\ w = \!\!72 \;,\; h = \!\!1 \;,\; x = \!\!28 \;,\; y = \!\!96 \;,\; v = \!\!72 \end{array}$



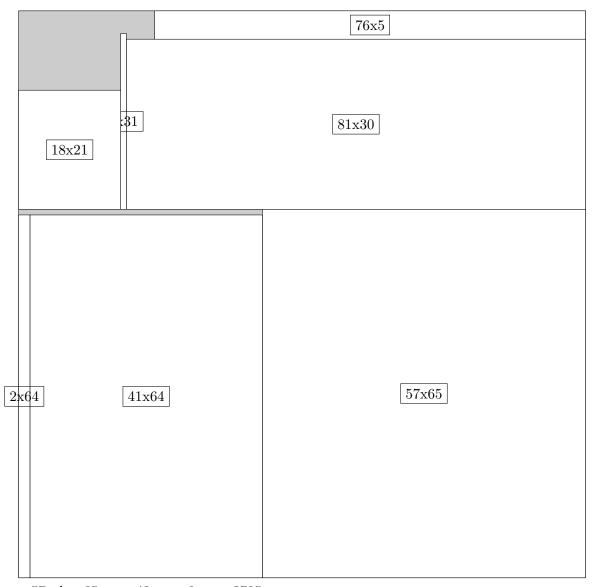
$$w = 65$$
, $h = 63$, $x = 35$, $y = 0$, $v = 4095$

$$\le =23$$
 , h =63 , x =12 , y =0 , v =1449

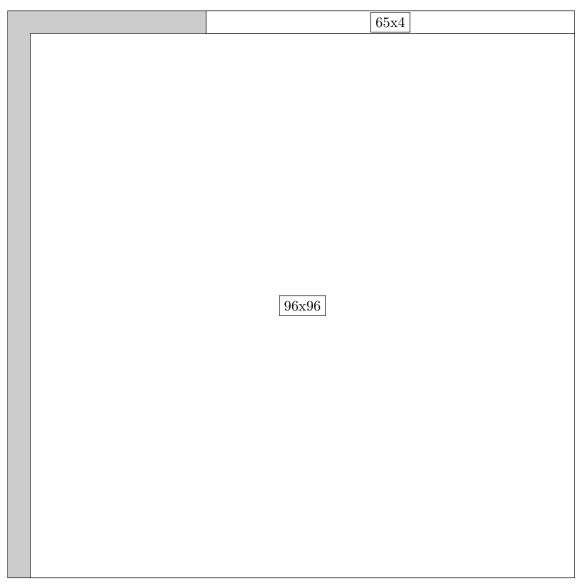
$$\le =10$$
 , $h=\!56$, $x=\!2$, $y=\!0$, $v=\!560$

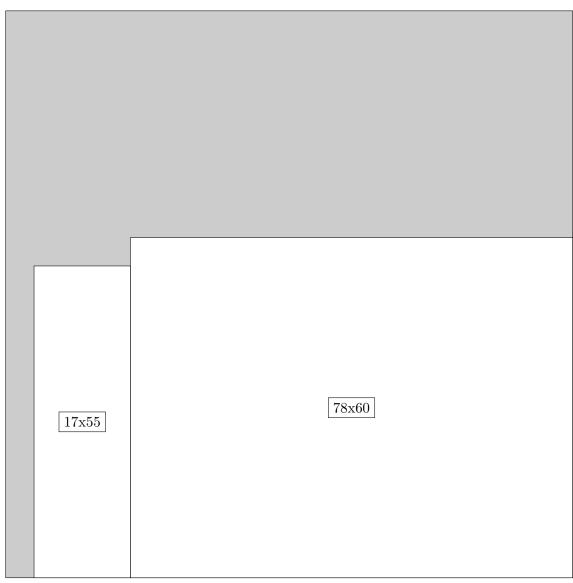
$$\le =30$$
 , h =36 , x =70 , y =63 , v =1080

$$\le =64$$
 , h =31 , x =6 , y =63 , v =1984

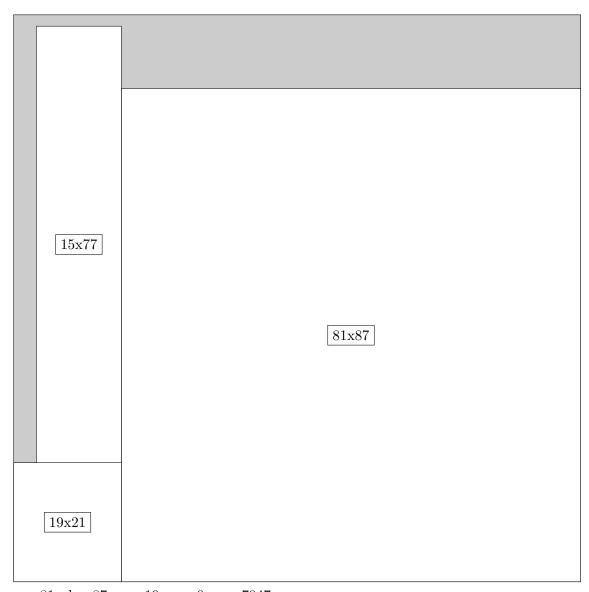


$$\begin{array}{l} w=57\;,\; h=65\;,\; x=43\;,\; y=0\;,\; v=3705\\ w=41\;,\; h=64\;,\; x=2\;,\; y=0\;,\; v=2624\\ w=2\;,\; h=64\;,\; x=0\;,\; y=0\;,\; v=128\\ w=81\;,\; h=30\;,\; x=19\;,\; y=65\;,\; v=2430\\ w=76\;,\; h=5\;,\; x=24\;,\; y=95\;,\; v=380\\ w=1\;,\; h=31\;,\; x=18\;,\; y=65\;,\; v=31\\ w=18\;,\; h=21\;,\; x=0\;,\; y=65\;,\; v=378 \end{array}$$



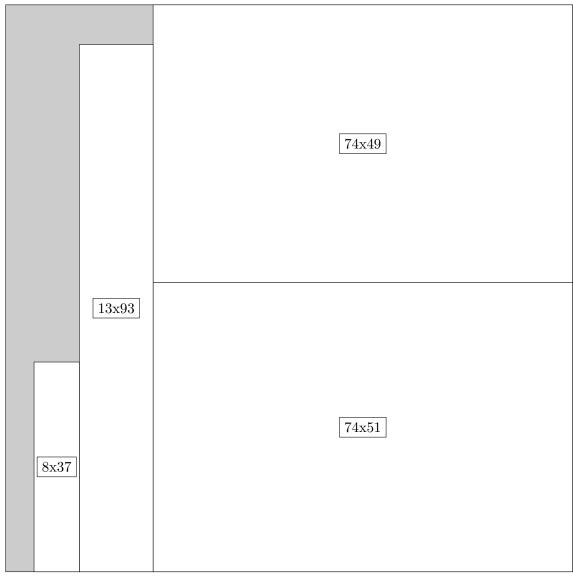


$$\begin{array}{l} w = \! 78 \ , \ h = \! 60 \ , \ x = \! 22 \ , \ y = \! 0 \ , \ v = \! 4680 \\ w = \! 17 \ , \ h = \! 55 \ , \ x = \! 5 \ , \ y = \! 0 \ , \ v = \! 935 \end{array}$$

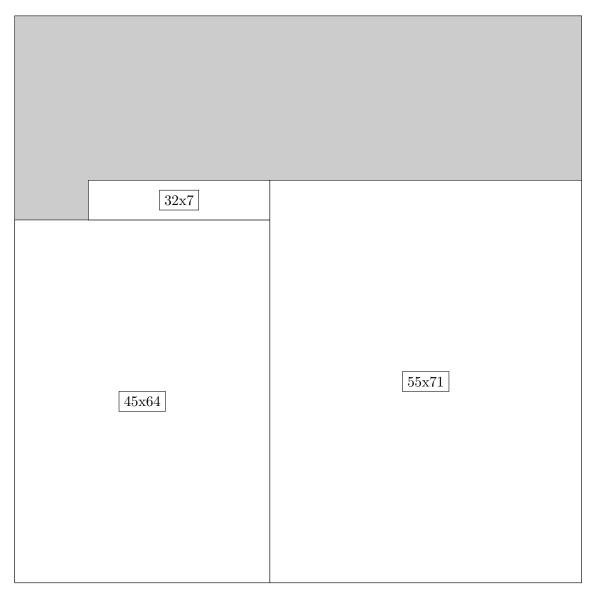


$$\begin{array}{l} w = \! 81 \ , \ h = \! 87 \ , \ x = \! 19 \ , \ y = \! 0 \ , \ v = \! 7047 \\ w = \! 19 \ , \ h = \! 21 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 399 \end{array}$$

$$w = 15$$
, $h = 77$, $x = 4$, $y = 21$, $v = 1155$



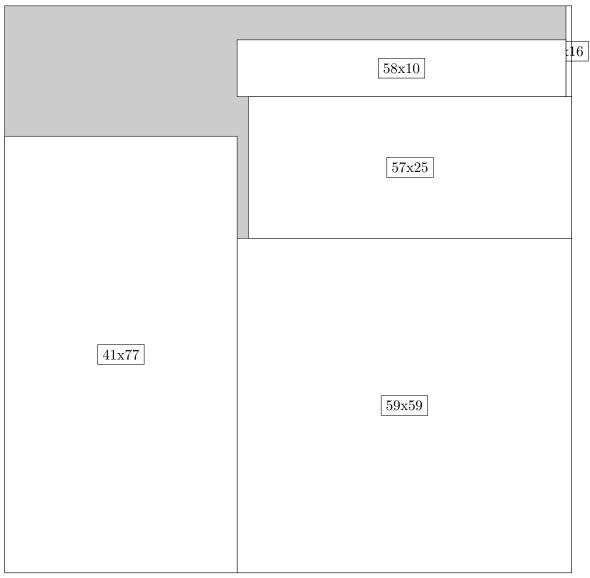
 $\begin{array}{l} w=74 \ , \ h=51 \ , \ x=26 \ , \ y=0 \ , \ v=3774 \\ w=74 \ , \ h=49 \ , \ x=26 \ , \ y=51 \ , \ v=3626 \\ w=13 \ , \ h=93 \ , \ x=13 \ , \ y=0 \ , \ v=1209 \\ w=8 \ , \ h=37 \ , \ x=5 \ , \ y=0 \ , \ v=296 \end{array}$



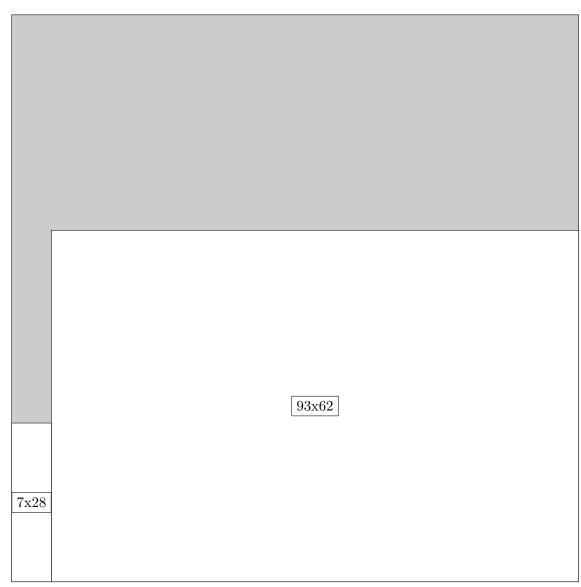
$$w$$
 =55 , h =71 , x =45 , y =0 , v =3905

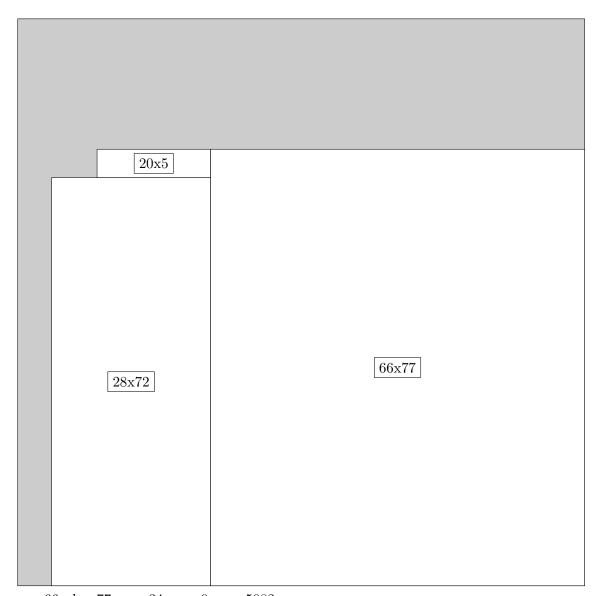
$$\le =45$$
 , $h=64$, $x=0$, $y=0$, $v=2880$

$$\le =32$$
 , h =7 , x =13 , y =64 , v =224



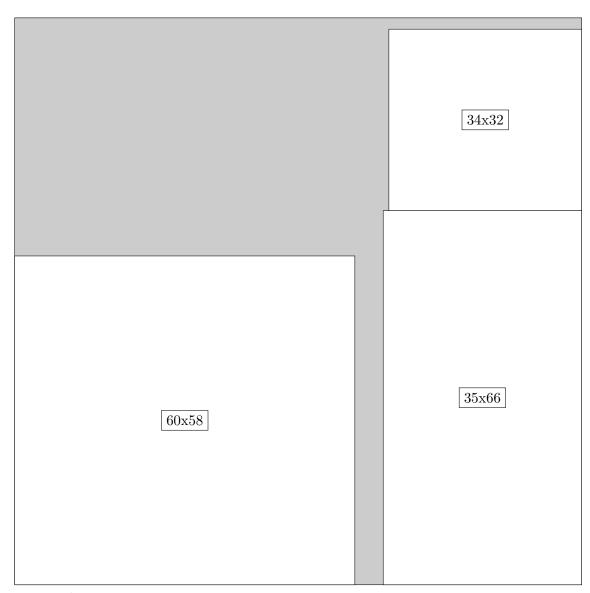
 $\begin{array}{l} w=59 \ , \ h=59 \ , \ x=41 \ , \ y=0 \ , \ v=3481 \\ w=57 \ , \ h=25 \ , \ x=43 \ , \ y=59 \ , \ v=1425 \\ w=1 \ , \ h=16 \ , \ x=99 \ , \ y=84 \ , \ v=16 \\ w=58 \ , \ h=10 \ , \ x=41 \ , \ y=84 \ , \ v=580 \\ w=41 \ , \ h=77 \ , \ x=0 \ , \ y=0 \ , \ v=3157 \end{array}$





$$\begin{array}{l} w = \! 66 \ , \ h = \! 77 \ , \ x = \! 34 \ , \ y = \! 0 \ , \ v = \! 5082 \\ w = \! 28 \ , \ h = \! 72 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 2016 \end{array}$$

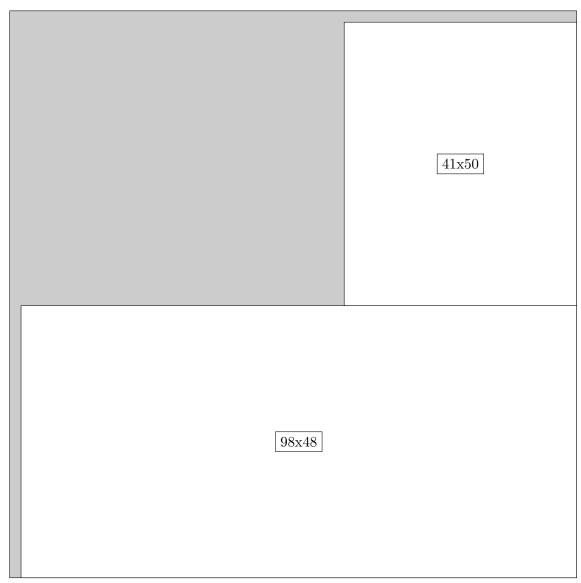
$$\le =20$$
 , h =5 , x =14 , y =72 , v =100



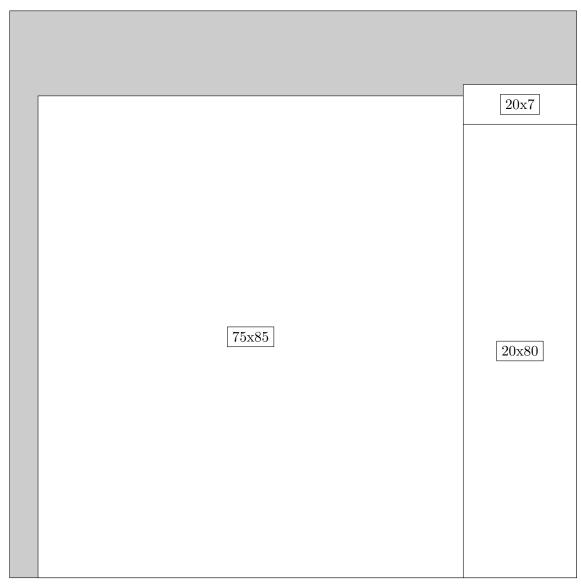
$$\le =35$$
 , h =66 , x =65 , y =0 , v =2310

$$\le =34$$
 , h =32 , x =66 , y =66 , v =1088

$$\le =60$$
 , h =58 , x =0 , y =0 , v =3480



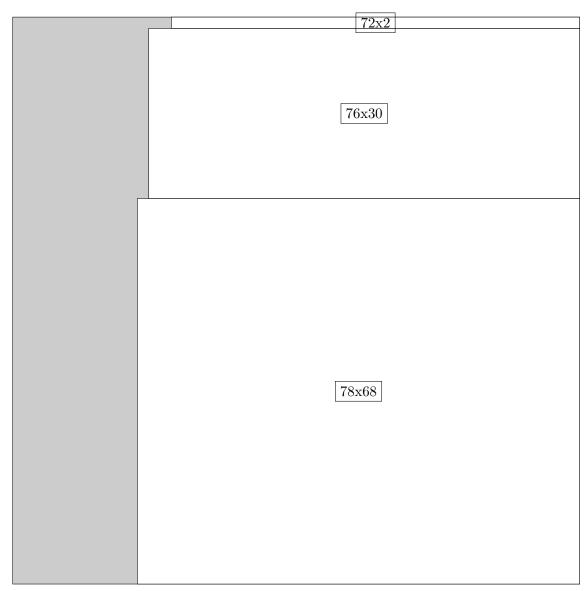
$$\begin{array}{l} w = \! 98 \; , \; h = \! 48 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 4704 \\ w = \! 41 \; , \; h = \! 50 \; , \; x = \! 59 \; , \; y = \! 48 \; , \; v = \! 2050 \end{array}$$



$$\le =20$$
 , $h=\!80$, $x=\!80$, $y=\!0$, $v=\!1600$

$$w$$
 =20 , h =7 , x =80 , y =80 , v =140

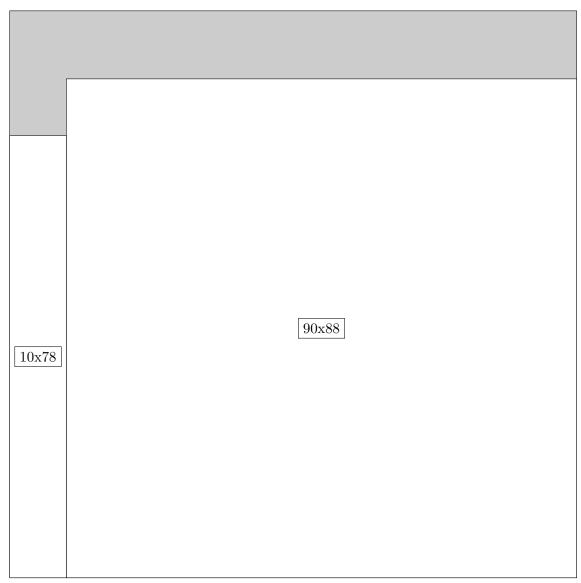
$$\le =75$$
 , $==85$, $==5$, $==6375$



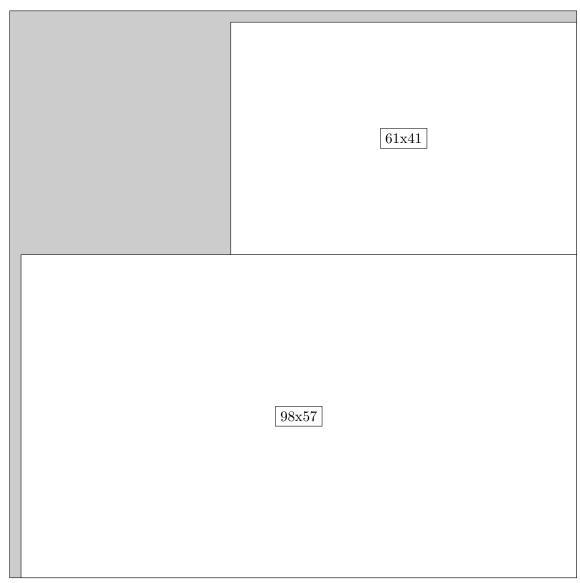
$$\begin{array}{l} w = \!\! 78 \ , \ h = \!\! 68 \ , \ x = \!\! 22 \ , \ y = \!\! 0 \ , \ v = \!\! 5304 \\ w = \!\! 76 \ , \ h = \!\! 30 \ , \ x = \!\! 24 \ , \ y = \!\! 68 \ , \ v = \!\! 2280 \\ w = \!\! 72 \ , \ h = \!\! 2 \ , \ x = \!\! 28 \ , \ y = \!\! 98 \ , \ v = \!\! 144 \end{array}$$



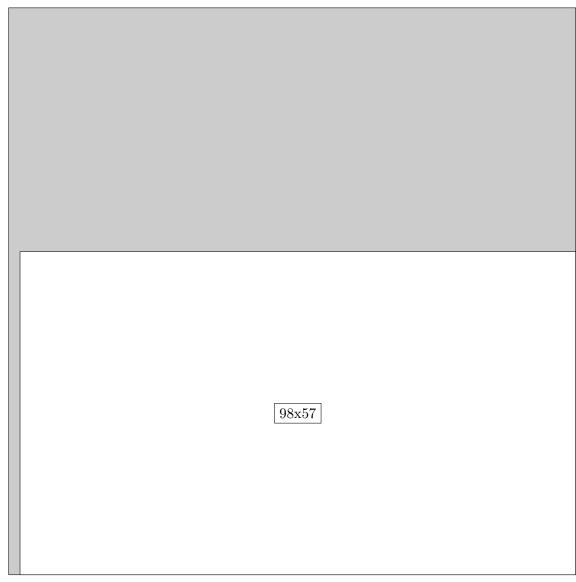
 $\le =95$, h =56 , x =5 , y =0 , v =5320



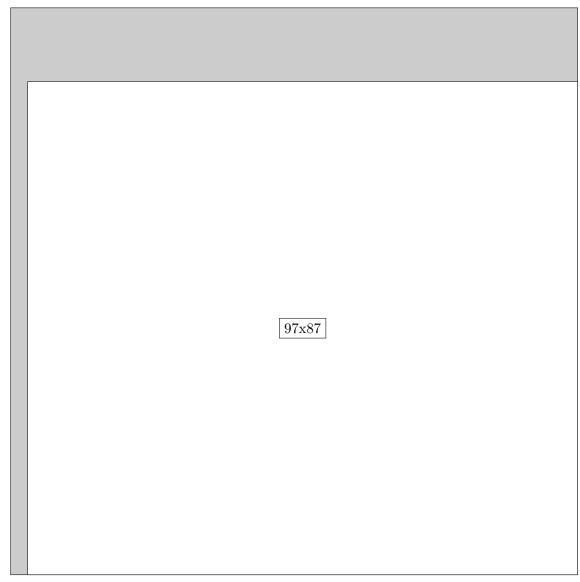
$$\begin{array}{l} w = \! 90 \ , \ h = \! 88 \ , \ x = \! 10 \ , \ y = \! 0 \ , \ v = \! 7920 \\ w = \! 10 \ , \ h = \! 78 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 780 \end{array}$$



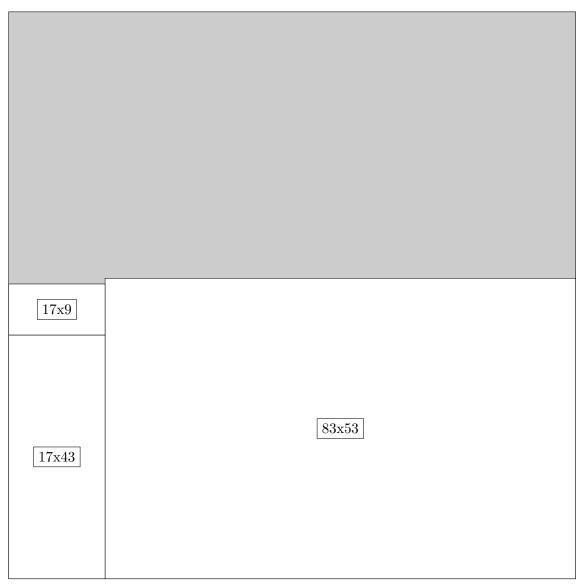
$$\begin{array}{l} w = 98 \; , \; h = \!\! 57 \; , \; x = \!\! 2 \; , \; y = \!\! 0 \; , \; v = \!\! 5586 \\ w = \!\! 61 \; , \; h = \!\! 41 \; , \; x = \!\! 39 \; , \; y = \!\! 57 \; , \; v = \!\! 2501 \end{array}$$



 $\le =98$, h =57 , x =2 , y =0 , v =5586

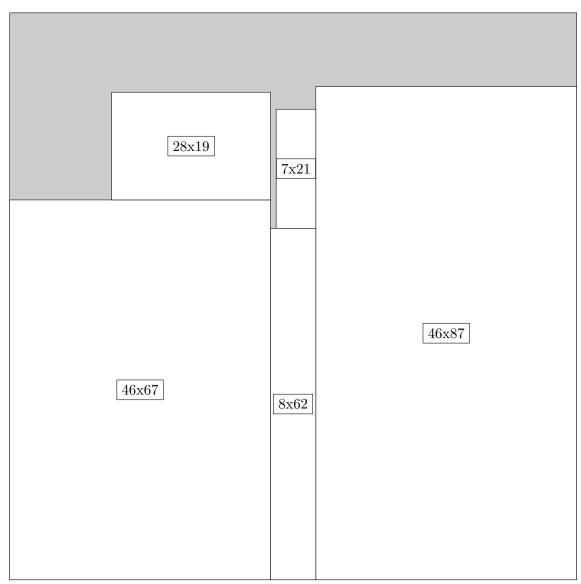


 $\le =97$, h =87 , x =3 , y =0 , v =8439



$$\begin{array}{l} w = \! 83 \ , \ h = \! 53 \ , \ x = \! 17 \ , \ y = \! 0 \ , \ v = \! 4399 \\ w = \! 17 \ , \ h = \! 43 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 731 \end{array}$$

$$\le =17$$
 , h =9 , x =0 , y =43 , v =153





$$\le =27$$
 , h =99 , x =73 , y =0 , v =2673

$$\mathbf{w}$$
 =69 , h =49 , x =4 , y =0 , v =3381

$$\le =65$$
 , h =48 , x =8 , y =49 , v =3120