$ClassName: \ Class_05.2bp-32$

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> LB: <u>25</u>

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

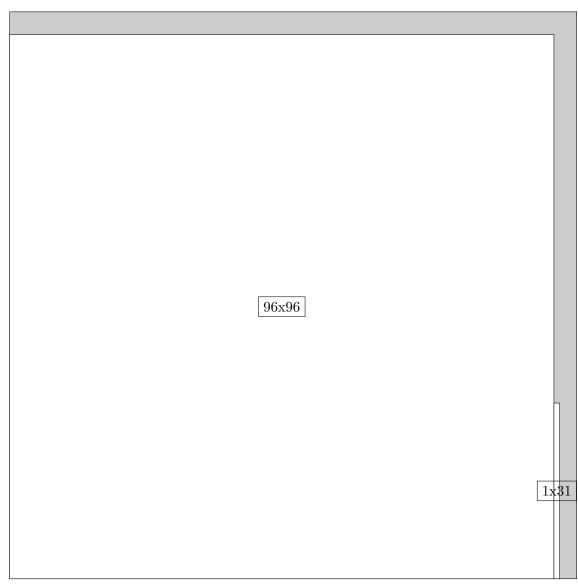
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{96}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{72}}$ PricingSolverCnt: $\underline{\mathbf{72}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

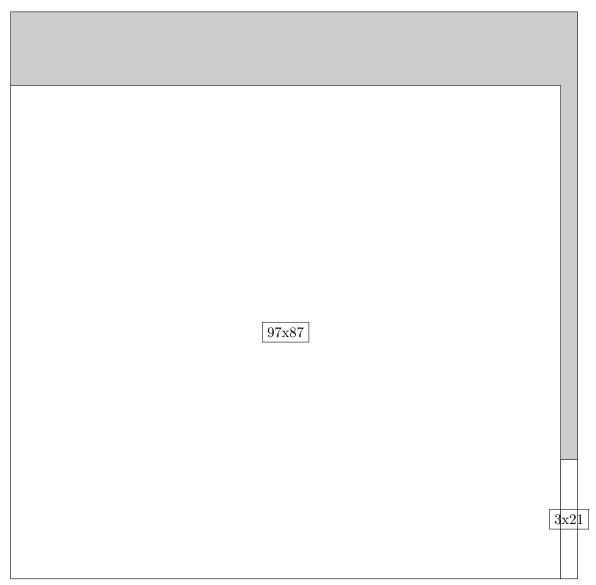
isOpt: $\underline{\mathbf{true}}$

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

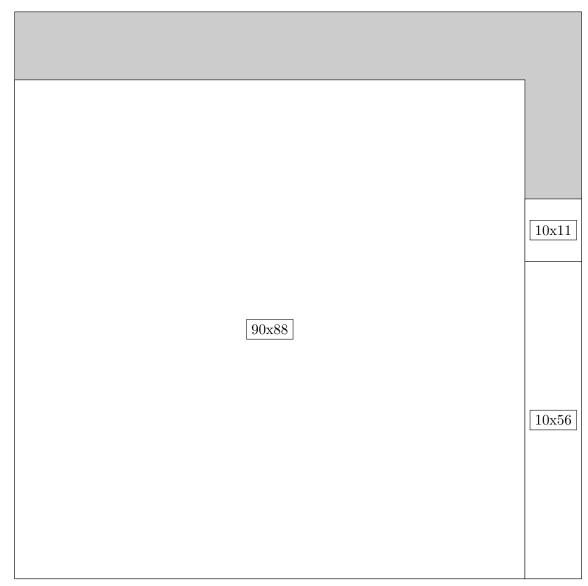
TimeOnPrimal: 0.000 sTimeOnPricing: 26.902 sTimeOnRmp: 0.101 sTotalTime: 147.104 s



$$\begin{array}{l} w = \! 96 \ , \, h = \! 96 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 9216 \\ w = \! 1 \ , \, h = \! 31 \ , \, x = \! 96 \ , \, y = \! 0 \ , \, v = \! 31 \end{array}$$



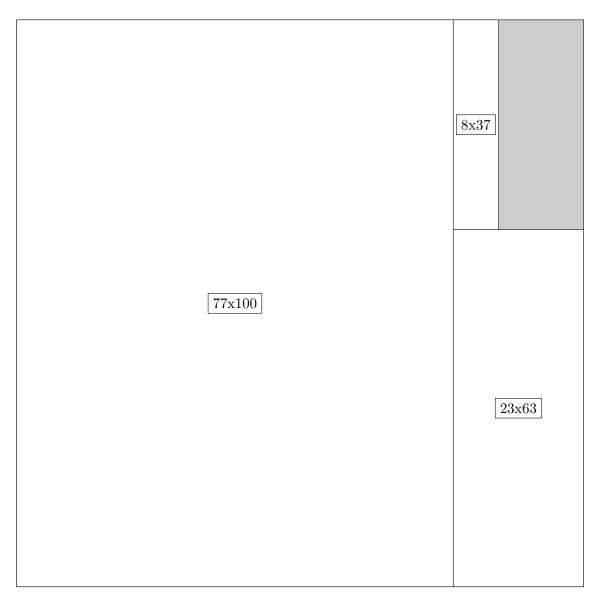
 $\begin{array}{l} w = \! 97 \ , \ h = \! 87 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 8439 \\ w = \! 3 \ , \ h = \! 21 \ , \ x = \! 97 \ , \ y = \! 0 \ , \ v = \! 63 \end{array}$



$$w = \! 90 \; , \; h = \! 88 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 7920 \;$$

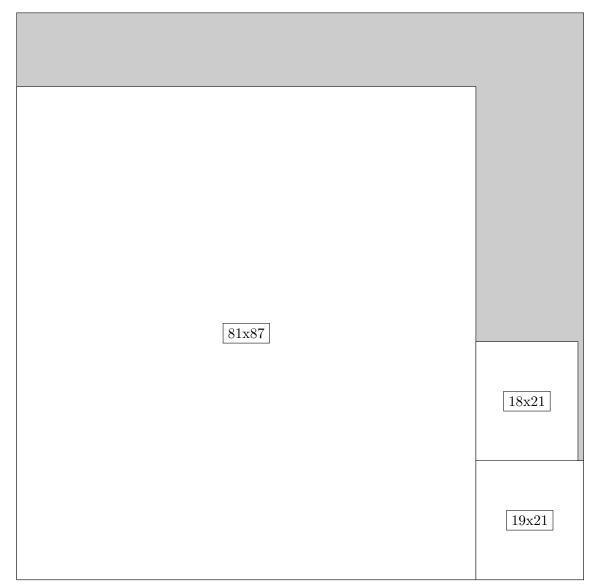
$$\le =10$$
 , h =56 , x =90 , y =0 , v =560

$$w$$
 =10 , h =11 , x =90 , y =56 , v =110

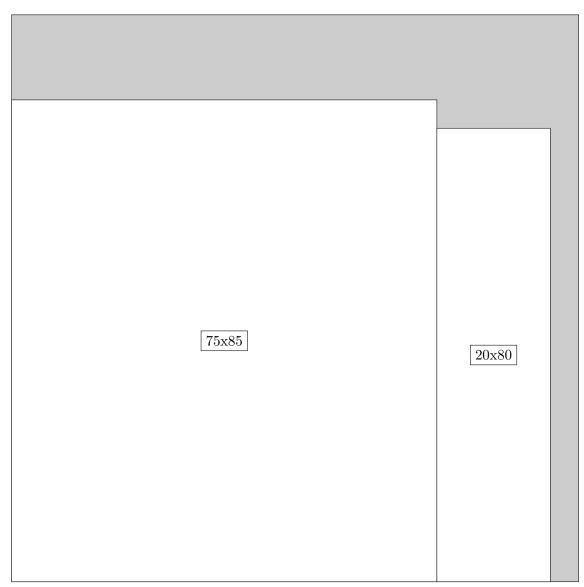


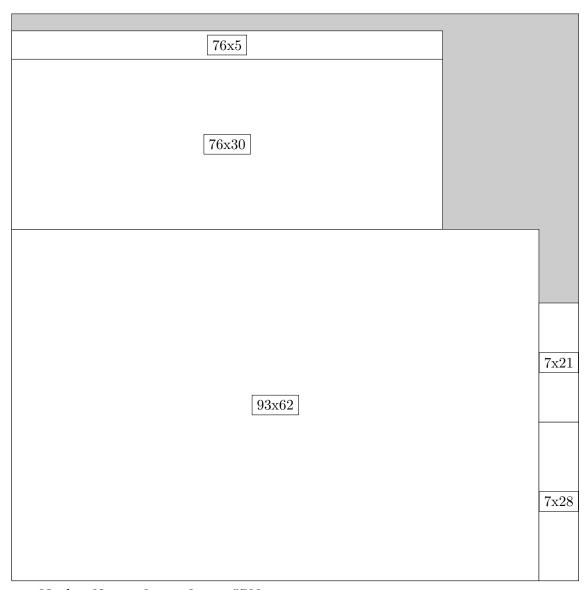
$$\begin{array}{l} w = \!\!\! 77 \ , \ h = \!\!\! 100 \ , \ x = \!\!\! 0 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 7700 \\ w = \!\!\! 23 \ , \ h = \!\!\! 63 \ , \ x = \!\!\! 77 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 1449 \end{array}$$

$$\le = 8$$
 , $h = 37$, $x = 77$, $y = 63$, $v = 296$

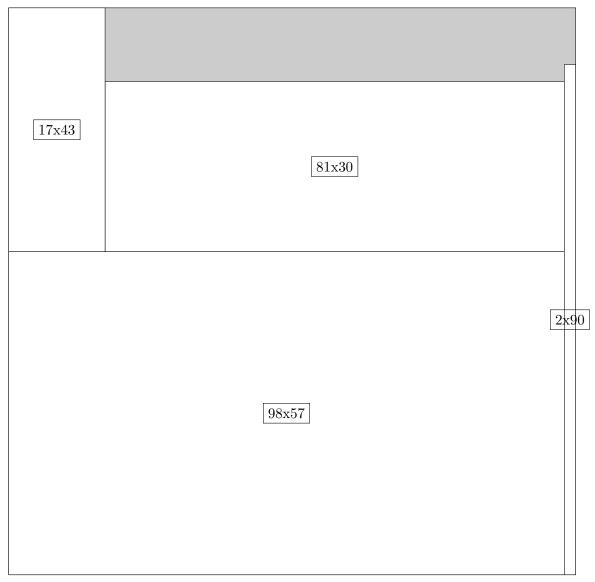


$$\begin{array}{l} w = \! 81 \ , \ h = \! 87 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7047 \\ w = \! 19 \ , \ h = \! 21 \ , \ x = \! 81 \ , \ y = \! 0 \ , \ v = \! 399 \\ w = \! 18 \ , \ h = \! 21 \ , \ x = \! 81 \ , \ y = \! 21 \ , \ v = \! 378 \end{array}$$





$$\begin{array}{l} w = \! 93 \ , \ h = \! 62 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5766 \\ w = \! 76 \ , \ h = \! 30 \ , \ x = \! 0 \ , \ y = \! 62 \ , \ v = \! 2280 \\ w = \! 76 \ , \ h = \! 5 \ , \ x = \! 0 \ , \ y = \! 92 \ , \ v = \! 380 \\ w = \! 7 \ , \ h = \! 28 \ , \ x = \! 93 \ , \ y = \! 0 \ , \ v = \! 196 \\ w = \! 7 \ , \ h = \! 21 \ , \ x = \! 93 \ , \ y = \! 28 \ , \ v = \! 147 \end{array}$$

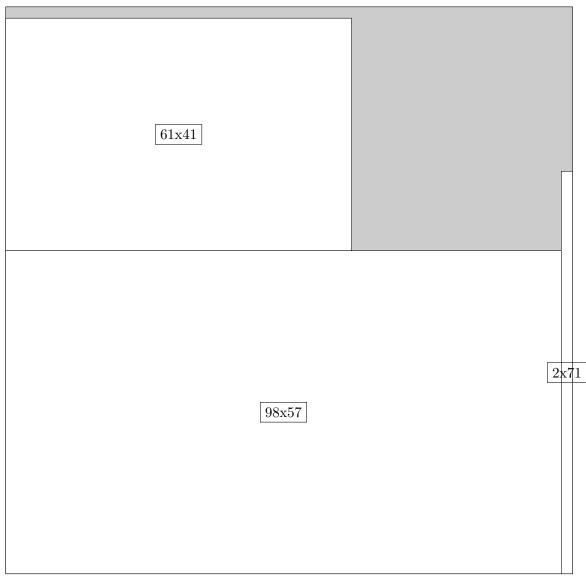


$$w = 98$$
, $h = 57$, $x = 0$, $y = 0$, $v = 5586$

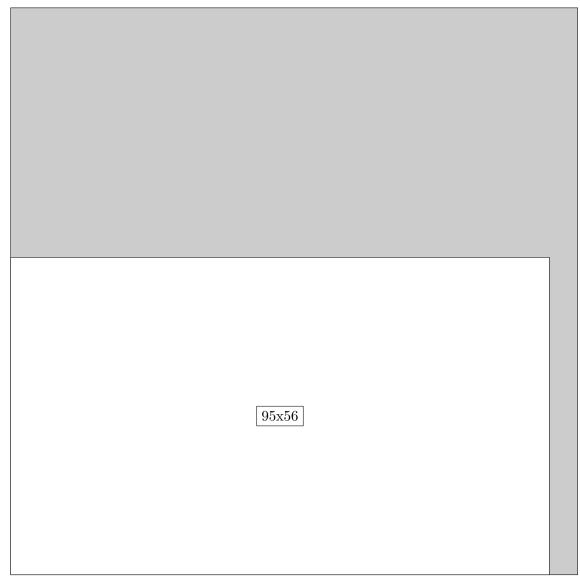
$$\le =81$$
 , h =30 , x =17 , y =57 , v =2430

$$\le =17$$
 , h =43 , x =0 , y =57 , v =731

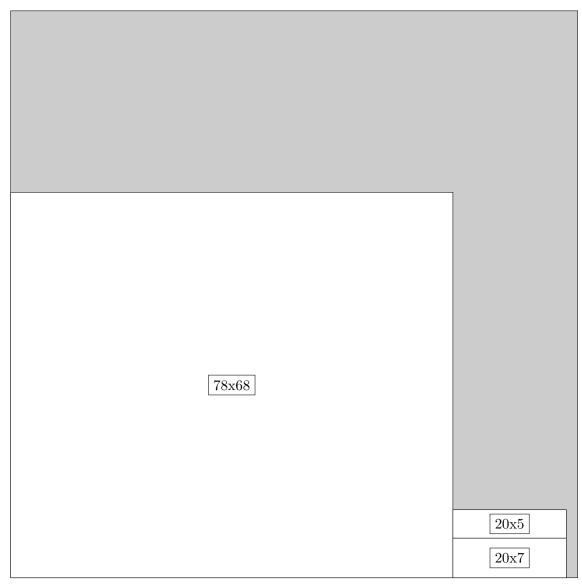
$$\mathbf{w}$$
 =2 , h =90 , x =98 , y =0 , v =180



$$\begin{array}{l} w = \! 98 \ , \ h = \! 57 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5586 \\ w = \! 61 \ , \ h = \! 41 \ , \ x = \! 0 \ , \ y = \! 57 \ , \ v = \! 2501 \\ w = \! 2 \ , \ h = \! 71 \ , \ x = \! 98 \ , \ y = \! 0 \ , \ v = \! 142 \end{array}$$



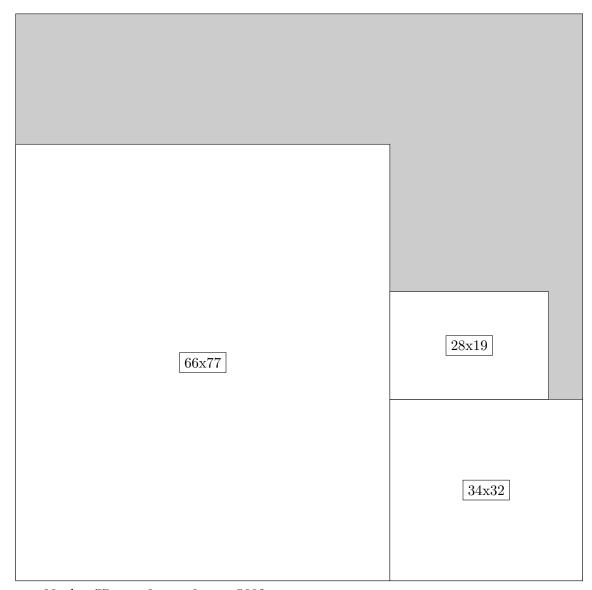
 $\le =95$, h =56 , x =0 , y =0 , v =5320



$$w = 78$$
, $h = 68$, $x = 0$, $y = 0$, $v = 5304$

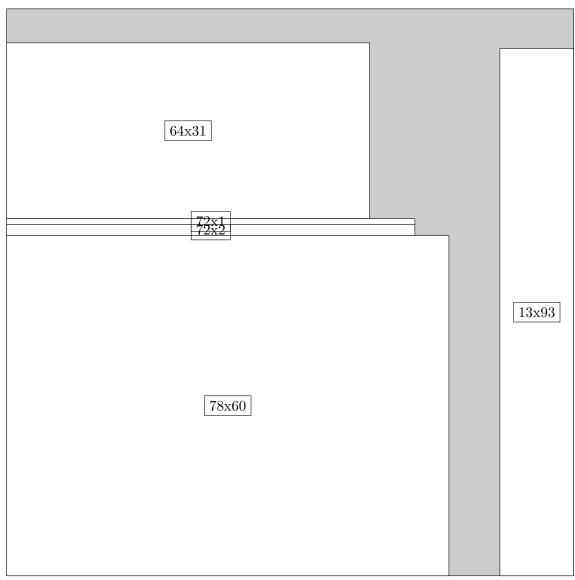
$$\le =20$$
 , h =7 , x =78 , y =0 , v =140

$$\le =20$$
 , h =5 , x =78 , y =7 , v =100



$$\begin{array}{l} w = \!\!66 \ , \ h = \!\!77 \ , \ x = \!\!0 \ , \ y = \!\!0 \ , \ v = \!\!5082 \\ w = \!\!34 \ , \ h = \!\!32 \ , \ x = \!\!66 \ , \ y = \!\!0 \ , \ v = \!\!1088 \end{array}$$

$$w = 28$$
, $h = 19$, $x = 66$, $y = 32$, $v = 532$



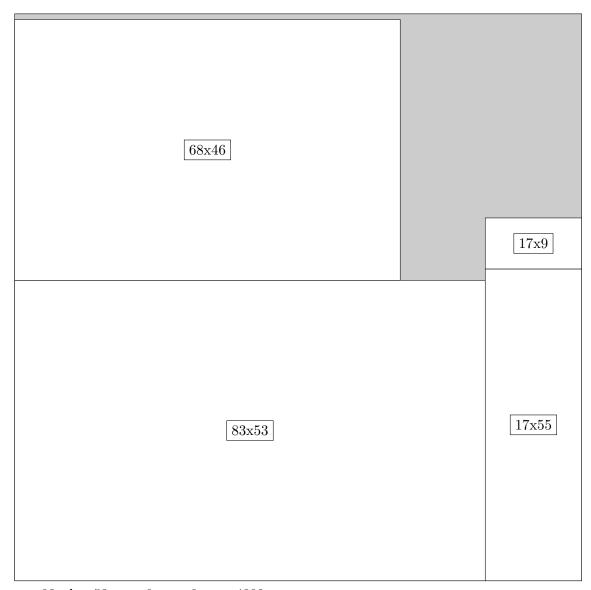
$$\mathbf{w}$$
 =78 , h =60 , x =0 , y =0 , v =4680

$$\le =64$$
 , h =31 , x =0 , y =63 , v =1984

$$\le =13$$
 , h =93 , x =87 , y =0 , v =1209

$$\le =72$$
 , h =2 , x =0 , y =60 , v =144

$$w = 72$$
, $h = 1$, $x = 0$, $y = 62$, $v = 72$



$$\le =83$$
 , h =53 , x =0 , y =0 , v =4399

$$\le =68$$
 , h =46 , x =0 , y =53 , v =3128

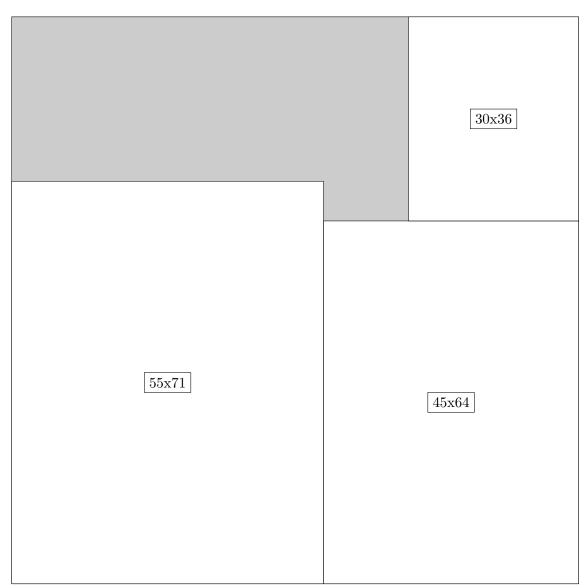
$$\le =17$$
 , h =55 , x =83 , y =0 , v =935

$$\le =17$$
 , h =9 , x =83 , y =55 , v =153

$\boxed{65\mathrm{x}4}$	
$\boxed{65\text{x}63}$	$\boxed{35\text{x}66}$

$$\begin{array}{l} w = \! 65 \ , \ h = \! 63 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4095 \\ w = \! 35 \ , \ h = \! 66 \ , \ x = \! 65 \ , \ y = \! 0 \ , \ v = \! 2310 \end{array}$$

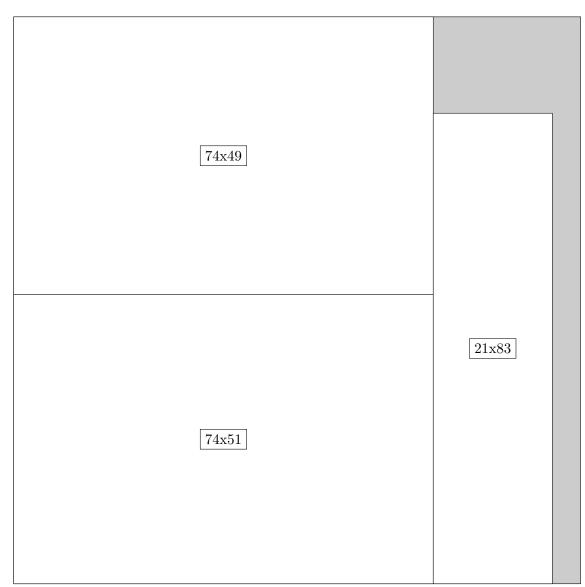
$$w = 65$$
, $h = 4$, $x = 0$, $y = 63$, $v = 260$



$$\le -55$$
 , h =71 , x =0 , y =0 , v =3905

$$\le =45$$
 , $h=64$, $x=55$, $y=0$, $v=2880$

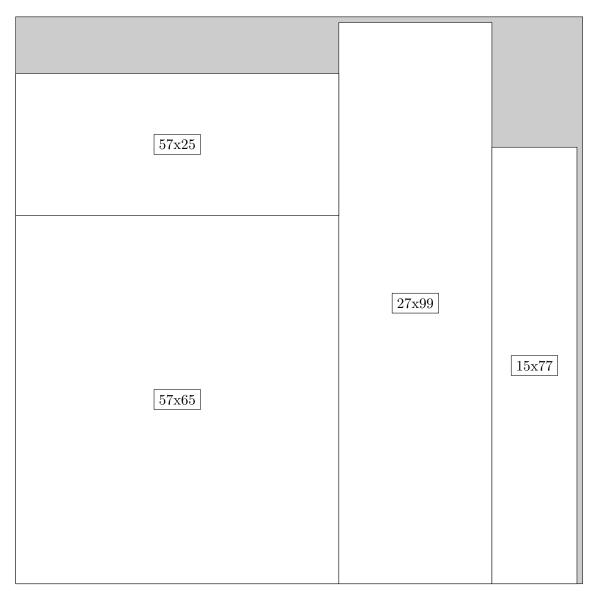
$$\le =30$$
 , h =36 , x =70 , y =64 , v =1080



$$\le =74$$
 , h =51 , x =0 , y =0 , v =3774

$$\le =74$$
 , h =49 , x =0 , y =51 , v =3626

$$\le =21$$
 , h =83 , x =74 , y =0 , v =1743

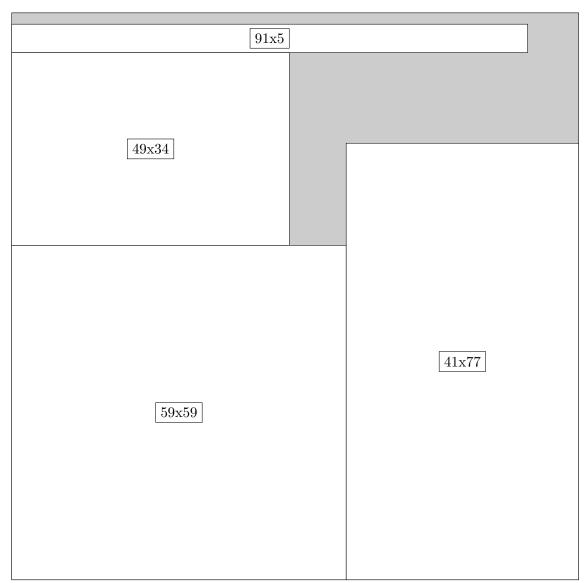


$$\mathbf{w}$$
 =57 , h =65 , x =0 , y =0 , v =3705

$$\le =27$$
 , h =99 , x =57 , y =0 , v =2673

$$\le =57$$
 , h =25 , x =0 , y =65 , v =1425

$$\mathbf{w}$$
 =15 , h =77 , x =84 , y =0 , v =1155

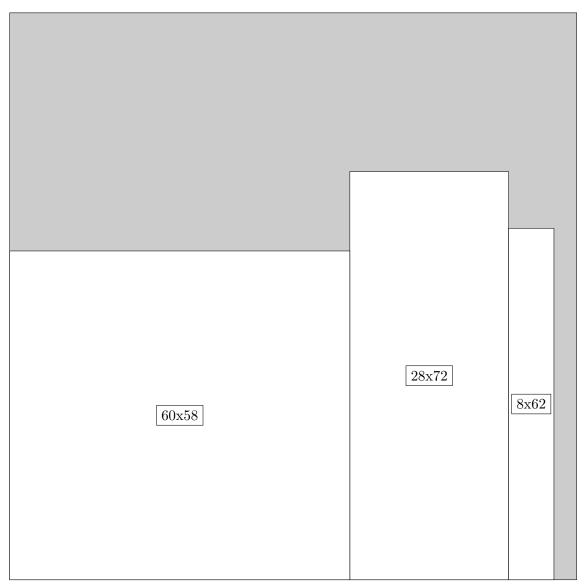


$$\le =59$$
 , h =59 , x =0 , y =0 , v =3481

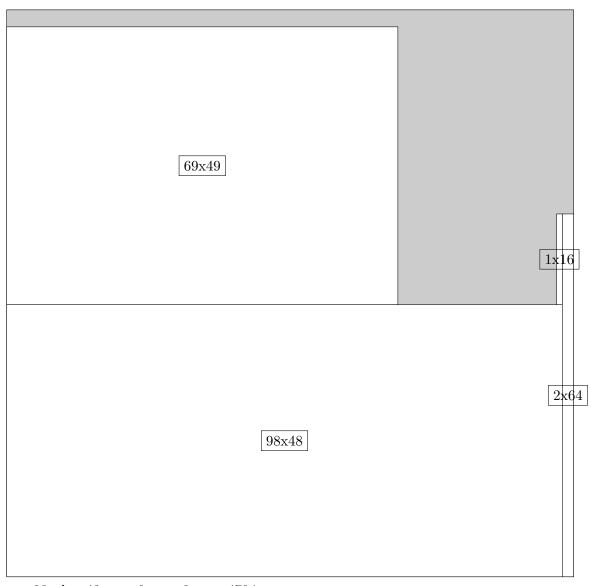
$$\le =41$$
 , h =77 , x =59 , y =0 , v =3157

$$\le =49$$
 , h =34 , x =0 , y =59 , v =1666

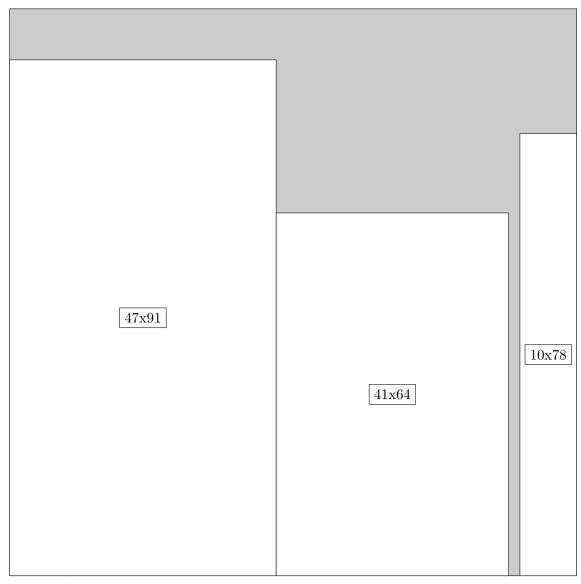
$$\le =91$$
 , $h=5$, $x=0$, $y=93$, $v=455$



 $\begin{array}{l} w = 28 \ , \ h = 72 \ , \ x = 60 \ , \ y = 0 \ , \ v = 2016 \\ w = 60 \ , \ h = 58 \ , \ x = 0 \ , \ y = 0 \ , \ v = 3480 \\ w = 8 \ , \ h = 62 \ , \ x = 88 \ , \ y = 0 \ , \ v = 496 \end{array}$

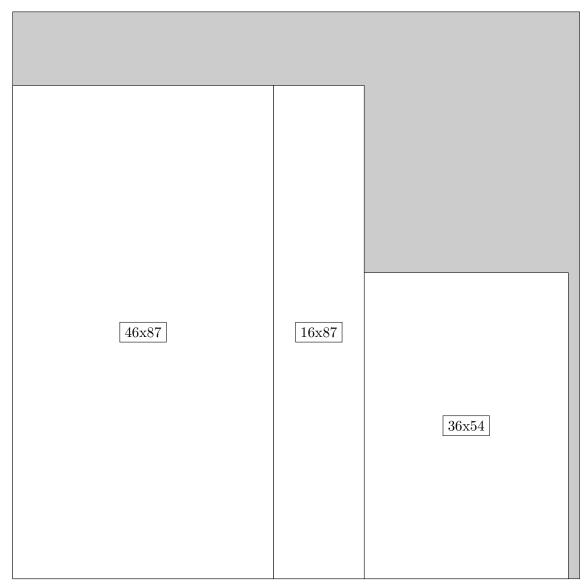


 $\begin{array}{l} w = 98 \; , \; h = \!\! 48 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 4704 \\ w = \!\! 69 \; , \; h = \!\! 49 \; , \; x = \!\! 0 \; , \; y = \!\! 48 \; , \; v = \!\! 3381 \\ w = \!\! 2 \; , \; h = \!\! 64 \; , \; x = \!\! 98 \; , \; y = \!\! 0 \; , \; v = \!\! 128 \\ w = \!\! 1 \; , \; h = \!\! 16 \; , \; x = \!\! 97 \; , \; y = \!\! 48 \; , \; v = \!\! 16 \end{array}$



$$\begin{array}{l} w = \!\! 47 \ , \ h = \!\! 91 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 4277 \\ w = \!\! 41 \ , \ h = \!\! 64 \ , \ x = \!\! 47 \ , \ y = \!\! 0 \ , \ v = \!\! 2624 \end{array}$$

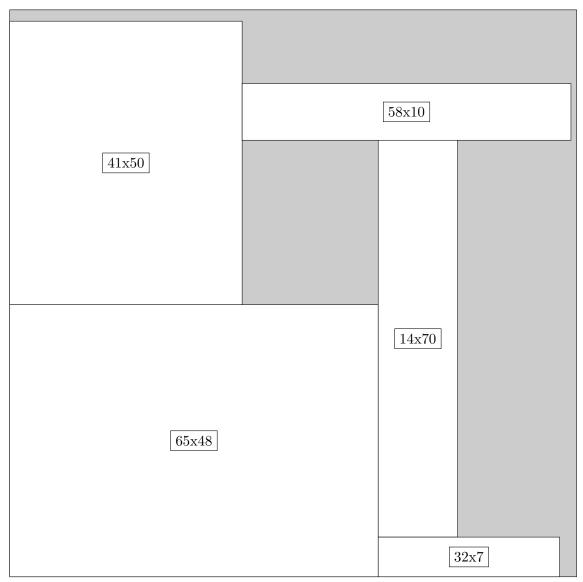
$$w = 10$$
 , $h = 78$, $x = 90$, $y = 0$, $v = 780$



w = 46, h = 87, x = 0, y = 0, v = 4002

 $\le =36$, h=54 , x=62 , y=0 , v=1944

 $\le =16$, h =87 , x =46 , y =0 , v =1392



$$w = 65$$
, $h = 48$, $x = 0$, $y = 0$, $v = 3120$

$$\le =41$$
 , h =50 , x =0 , y =48 , v =2050

$$\le =14$$
 , h =70 , x =65 , y =7 , v =980

$$w$$
 =58 , h =10 , x =41 , y =77 , v =580

$$\le =32$$
 , h =7 , x =65 , y =0 , v =224

