$ClassName: \ Class_05.2bp-23$

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>200000</u> InS: <u>154920</u> Rate: <u>0.775</u> UB: <u>20</u> LB0: <u>20</u>

LBWithCut: $\underline{20}$ NodeCut: $\underline{0}$

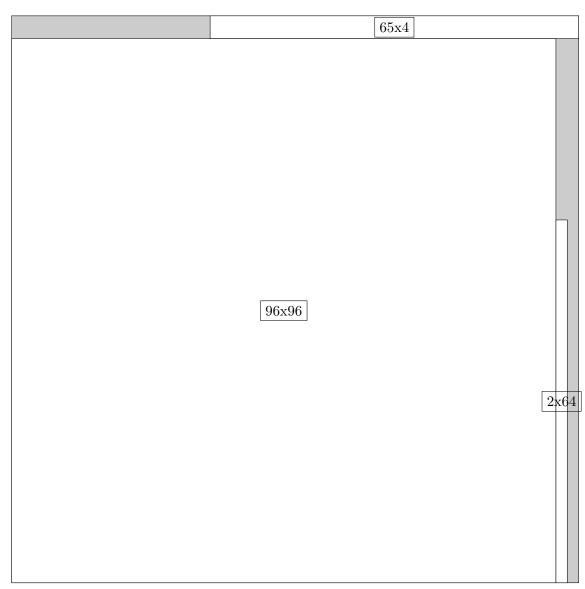
LB: **20**

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

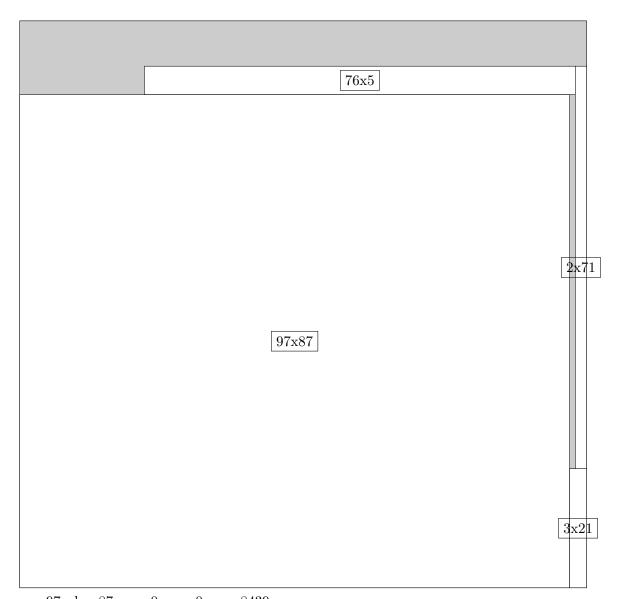
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{20}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.020 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.063 \ s} \\ {\rm TotalTime:} \ \underline{0.161 \ s} \end{array}$

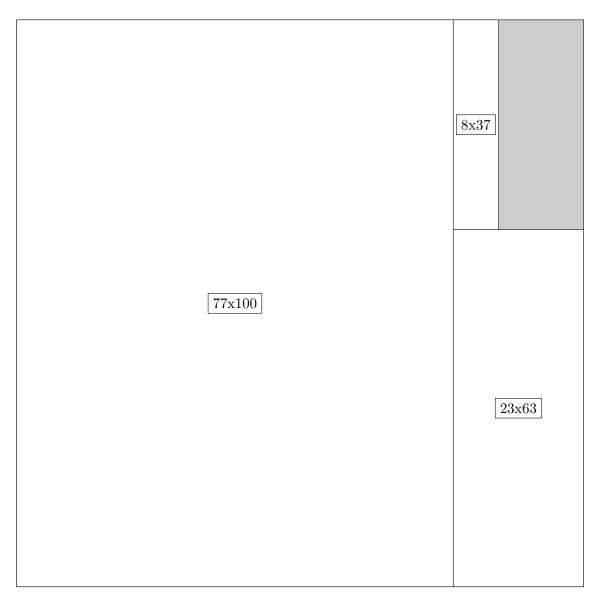


 $\begin{array}{l} w = \! 96 \ , \ h = \! 96 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 9216 \\ w = \! 65 \ , \ h = \! 4 \ , \ x = \! 35 \ , \ y = \! 96 \ , \ v = \! 260 \\ w = \! 2 \ , \ h = \! 64 \ , \ x = \! 96 \ , \ y = \! 0 \ , \ v = \! 128 \end{array}$



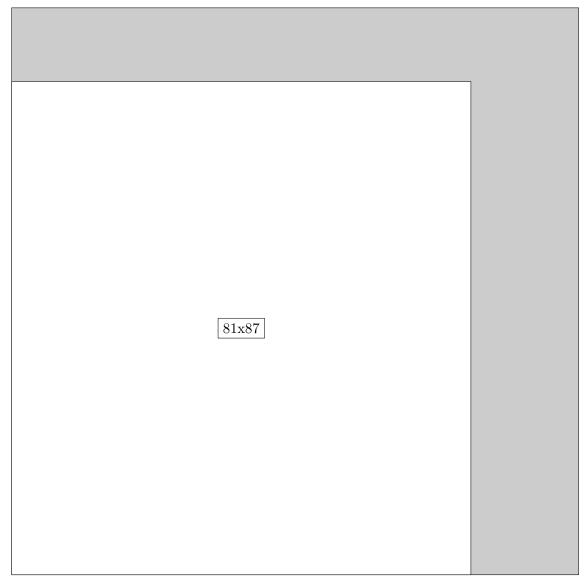
 $\begin{array}{l} w = \! 97 \; , \; h = \! 87 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8439 \\ w = \! 76 \; , \; h = \! 5 \; , \; x = \! 22 \; , \; y = \! 87 \; , \; v = \! 380 \\ w = \! 2 \; , \; h = \! 71 \; , \; x = \! 98 \; , \; y = \! 21 \; , \; v = \! 142 \end{array}$

 \mathbf{w} =3 , h =21 , x =97 , y =0 , v =63

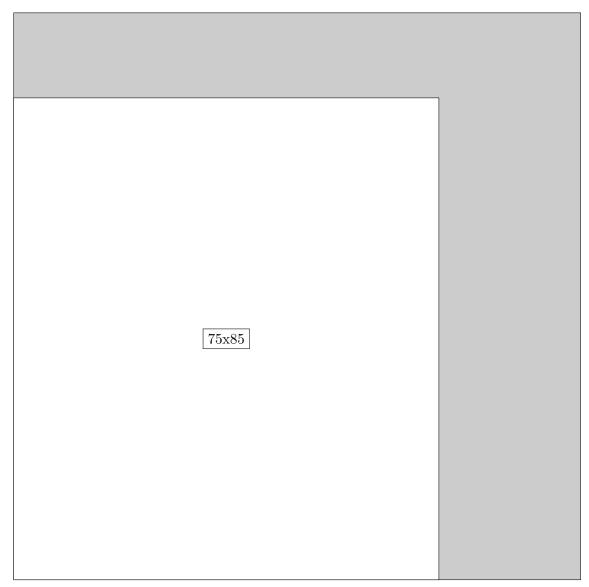


$$\begin{array}{l} w = \! 77 \ , \ h = \! 100 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 7700 \\ w = \! 23 \ , \ h = \! 63 \ , \ x = \! 77 \ , \ y = \! 0 \ , \ v = \! 1449 \end{array}$$

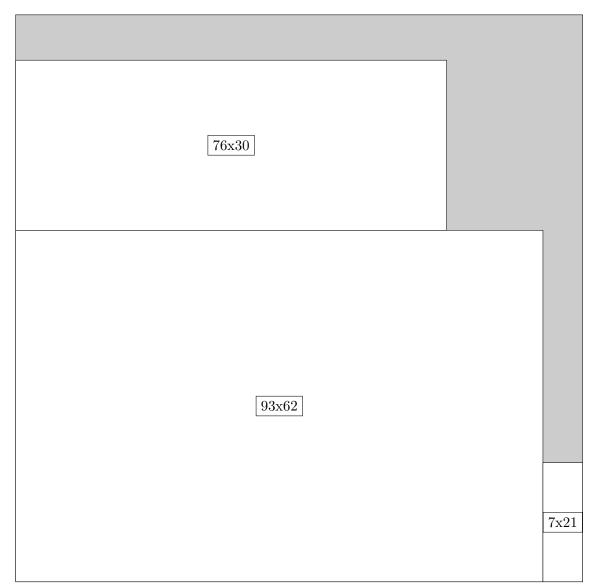
$$\le = 8$$
 , $h = 37$, $x = 77$, $y = 63$, $v = 296$



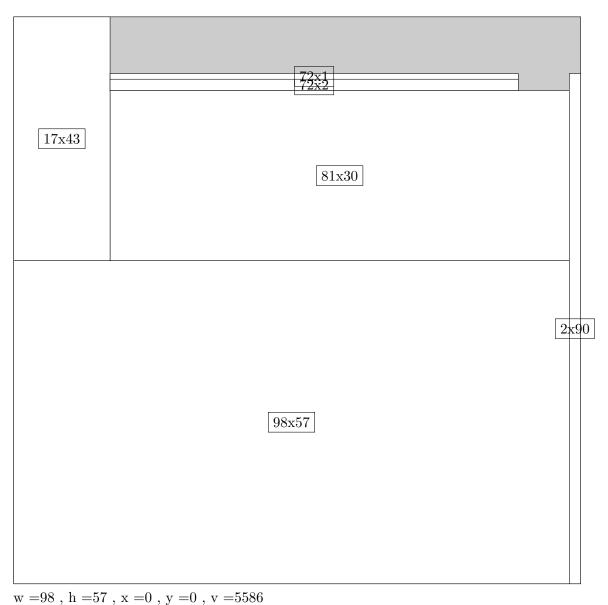
 $\le =81$, h =87 , x =0 , y =0 , v =7047



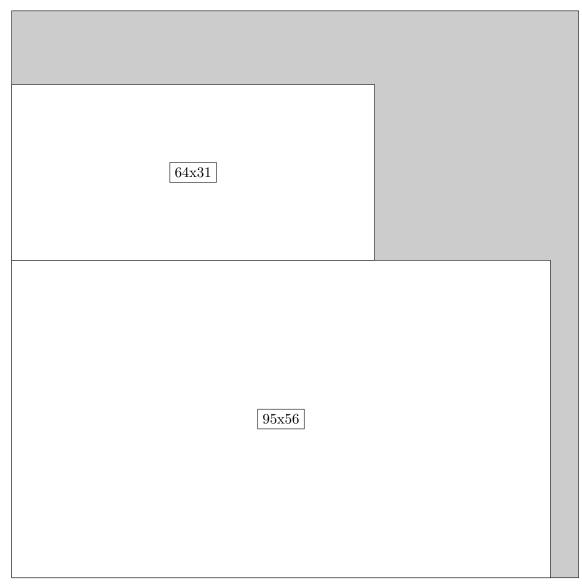
w = 75, h = 85, x = 0, y = 0, v = 6375

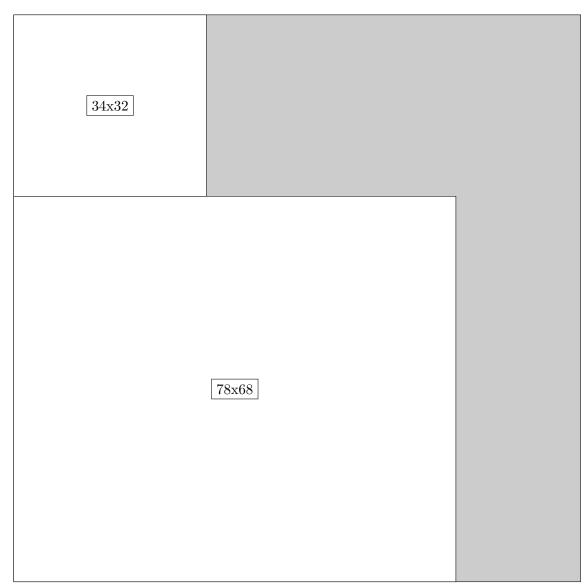


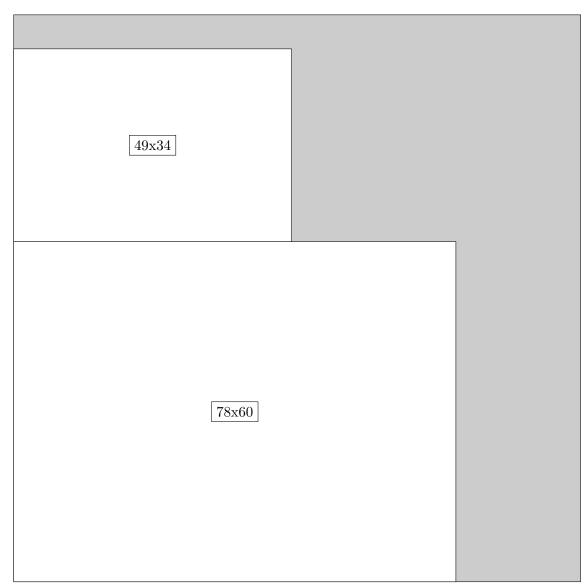
$$\begin{array}{l} w = \! 93 \ , \ h = \! 62 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 5766 \\ w = \! 76 \ , \ h = \! 30 \ , \ x = \! 0 \ , \ y = \! 62 \ , \ v = \! 2280 \\ w = \! 7 \ , \ h = \! 21 \ , \ x = \! 93 \ , \ y = \! 0 \ , \ v = \! 147 \end{array}$$

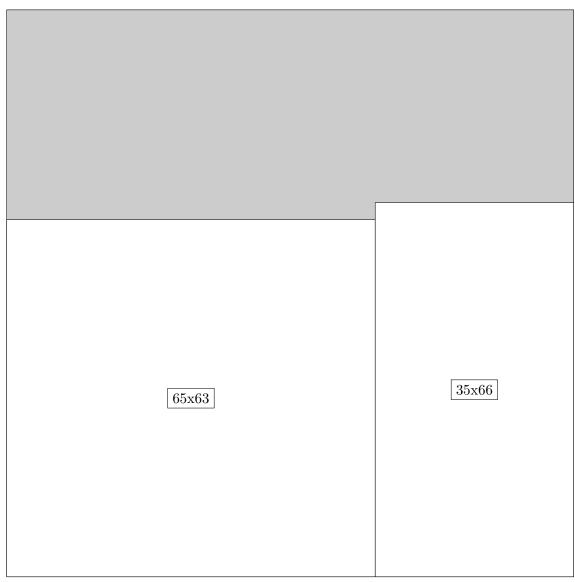


 \mathbf{w} =72 , h =1 , x =17 , y =89 , v =72

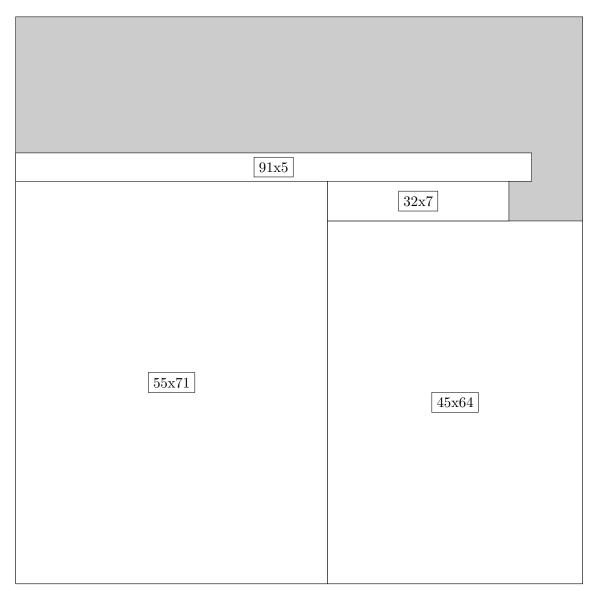








$$\begin{array}{c} w = \!\!65 \; , \; h = \!\!63 \; , \; x = \!\!0 \; , \; y = \!\!0 \; , \; v = \!\!4095 \\ w = \!\!35 \; , \; h = \!\!66 \; , \; x = \!\!65 \; , \; y = \!\!0 \; , \; v = \!\!2310 \\ \end{array}$$

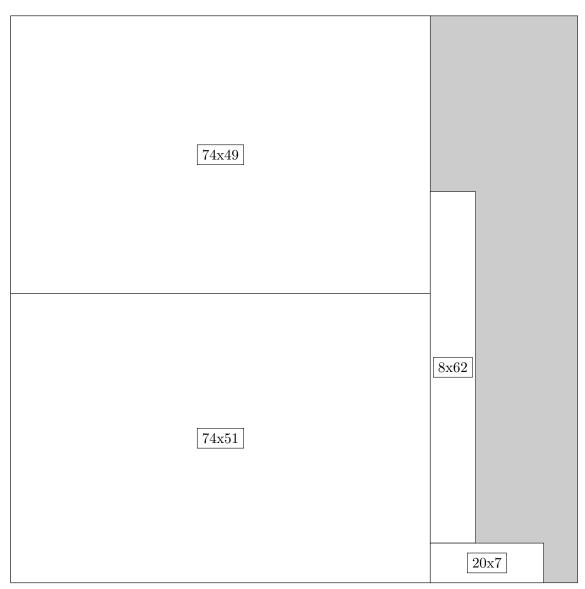


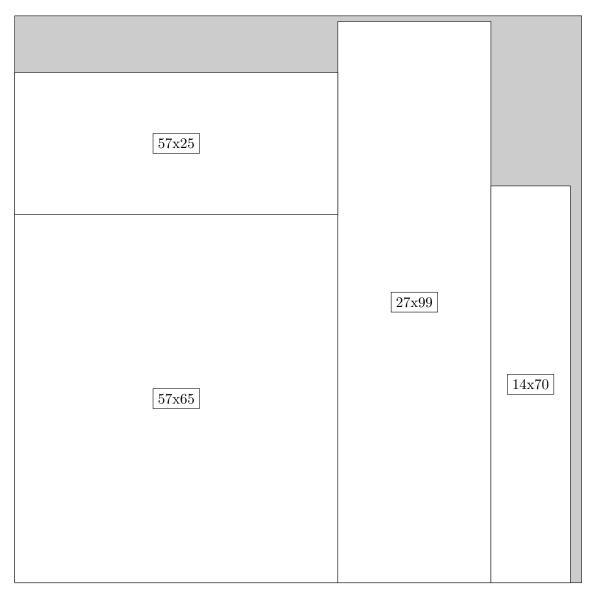
$$\le 55$$
 , h =71 , x =0 , y =0 , v =3905

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

$$\le =91$$
 , h =5 , x =0 , y =71 , v =455

$$w = 32$$
, $h = 7$, $x = 55$, $y = 64$, $v = 224$



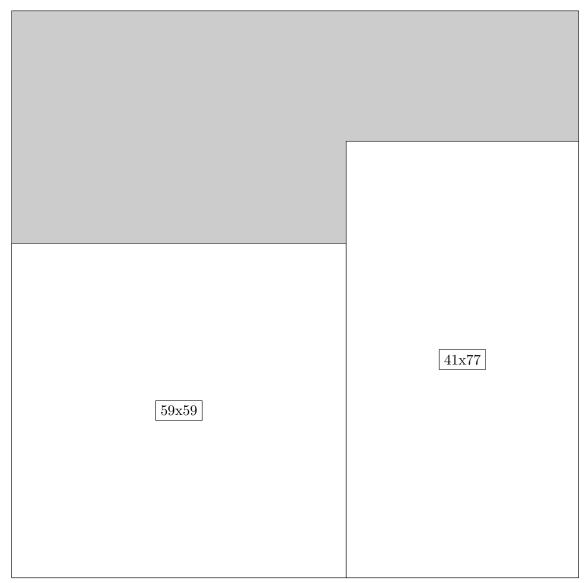


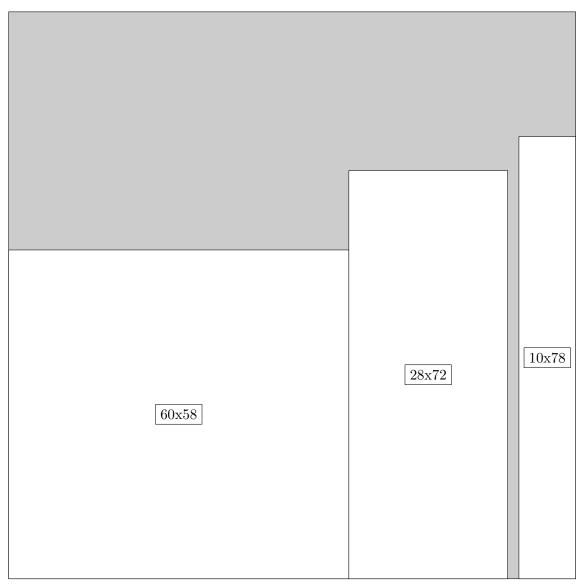
$$w = 57$$
, $h = 65$, $x = 0$, $y = 0$, $v = 3705$

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

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

$$\mathbf{w}$$
 =14 , h =70 , x =84 , y =0 , v =980

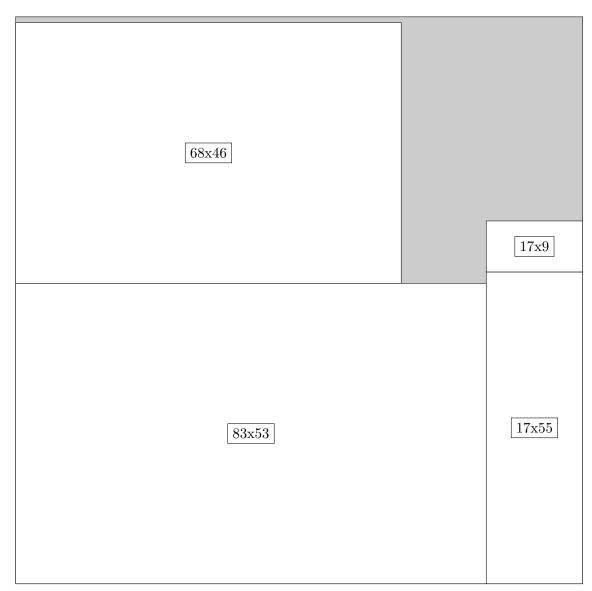




$$w = 60$$
, $h = 58$, $x = 0$, $y = 0$, $v = 3480$

$$\le =28$$
 , h =72 , x =60 , y =0 , v =2016

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

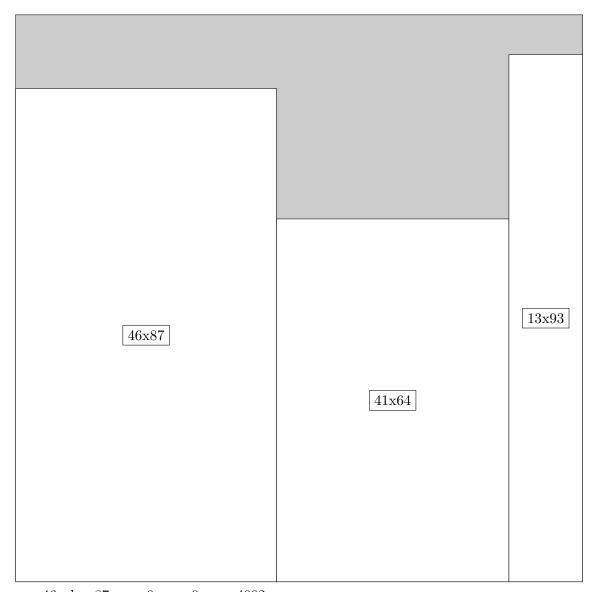


$$w = 68 \; , \; h = 46 \; , \; x = 0 \; , \; y = 53 \; , \; v = 3128 \;$$

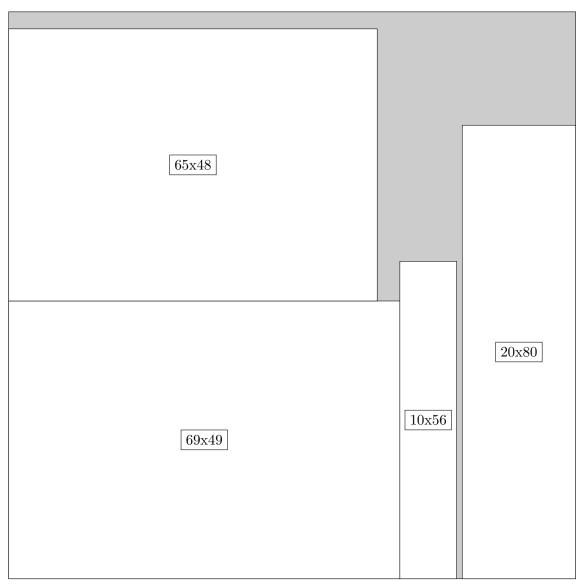
$$\le =83$$
 , h $=\!53$, x $=\!0$, y $=\!0$, v $=\!4399$

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

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



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

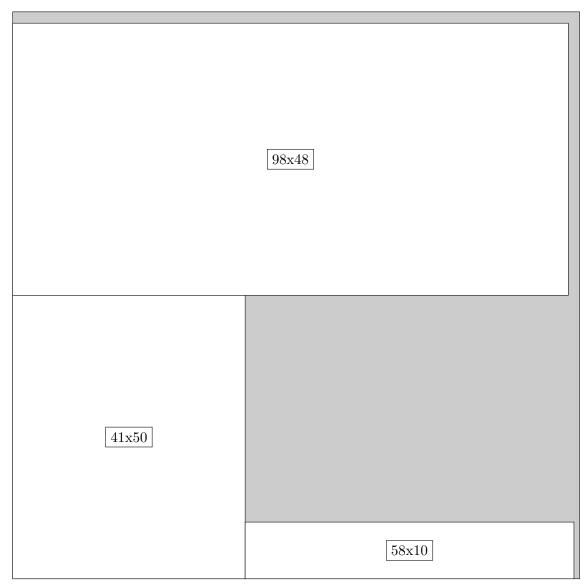


$$\le =69$$
 , h =49 , x =0 , y =0 , v =3381

$$\le =65$$
 , h =48 , x =0 , y =49 , v =3120

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

$$\mathbf{w}$$
 =10 , h =
56 , x =69 , y =0 , v =
560



$$w = 98$$
, $h = 48$, $x = 0$, $y = 50$, $v = 4704$

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

$$\le -58$$
 , h =10 , x =41 , y =0 , v =580