${\bf ClassName:}\ {\bf Class_08.2bp\text{-}20}$

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>170000</u> InS: <u>145807</u> Rate: <u>0.858</u> UB: <u>17</u> LB0: <u>17</u>

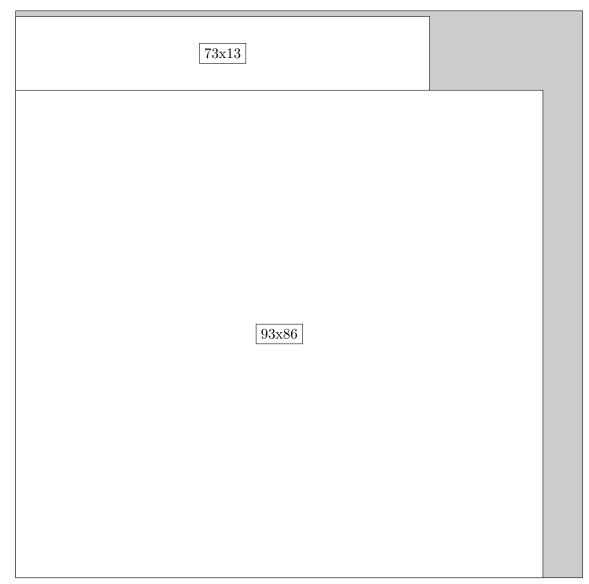
LB: $\underline{17}$ LBWithCut: $\underline{17}$ NodeCut: $\underline{0}$

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: **true**

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.090 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.093 \ s} \\ {\rm TotalTime:} \ \underline{0.262 \ s} \\ \end{array}$



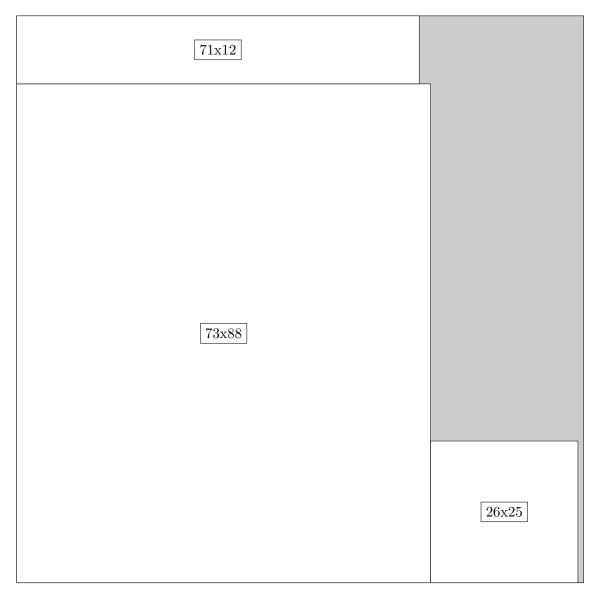
69x8		
[76x4]		7
77x88	19x88	

$$\mathbf{w}$$
 =77 , h =88 , x =0 , y =0 , v =6776

$$\le =19$$
 , h =88 , x =77 , y =0 , v =1672

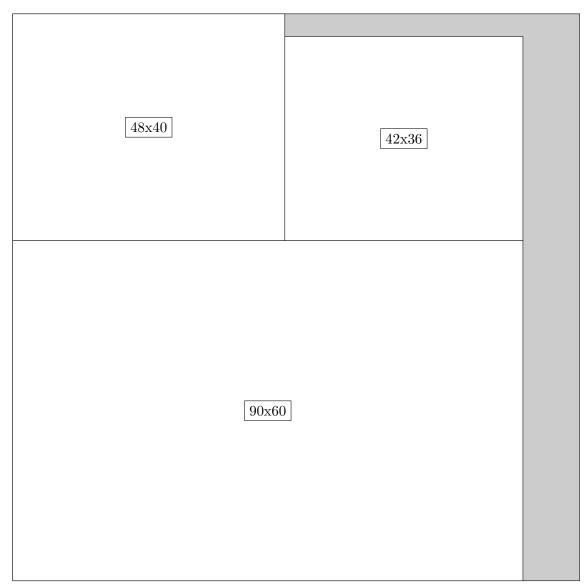
$$\le =69$$
 , h =8 , x =0 , y =92 , v =
552

$$\mathbf{w}$$
 =76 , h =4 , x =0 , y =88 , v =304



$$\begin{array}{l} w = \! 73 \ , \ h = \! 88 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 6424 \\ w = \! 71 \ , \ h = \! 12 \ , \ x = \! 0 \ , \ y = \! 88 \ , \ v = \! 852 \end{array}$$

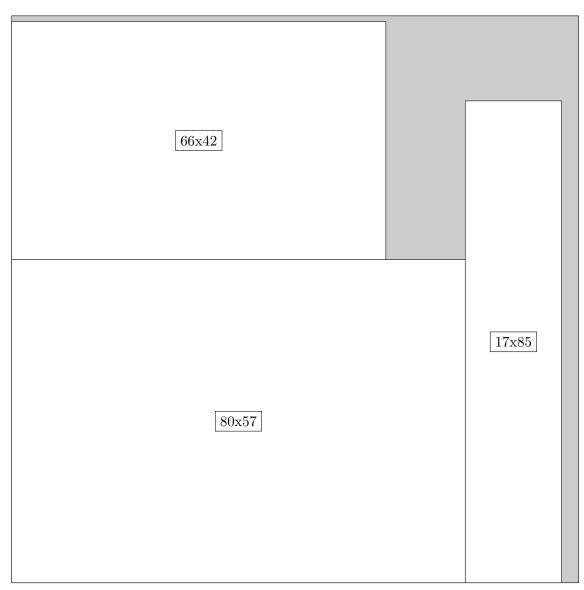
$$\le =26$$
 , h =25 , x =73 , y =0 , v =650



$$\le =90$$
 , h =60 , x =0 , y =0 , v =5400

$$\le =48$$
 , $h=\!40$, $x=\!0$, $y=\!60$, $v=\!1920$

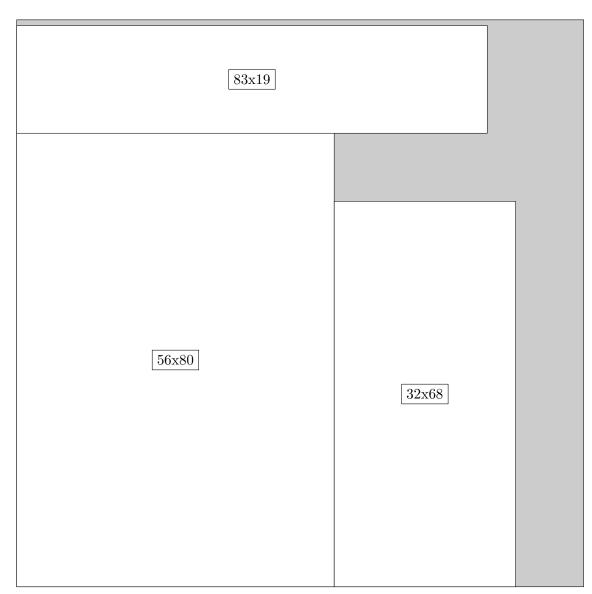
$$\le =42$$
 , h =36 , x =48 , y =60 , v =1512



$$w = \! 80 \; , \; h = \! 57 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4560$$

$$\le =66$$
 , h =42 , x =0 , y =57 , v =2772

$$\le =17$$
 , h =
85 , x =
80 , y =
0 , v =
1445

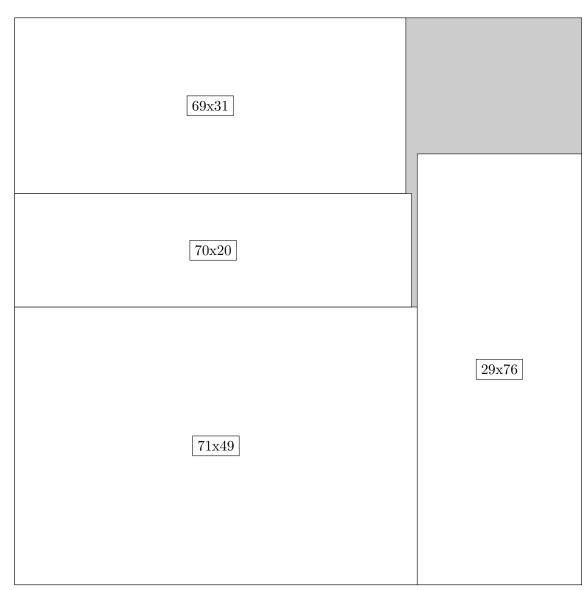


$$w = 56$$
, $h = 80$, $x = 0$, $y = 0$, $v = 4480$

$$\le =32$$
 , h =68 , x =56 , y =0 , v =2176

$$\le =83$$
 , h =19 , x =0 , y =80 , v =1577



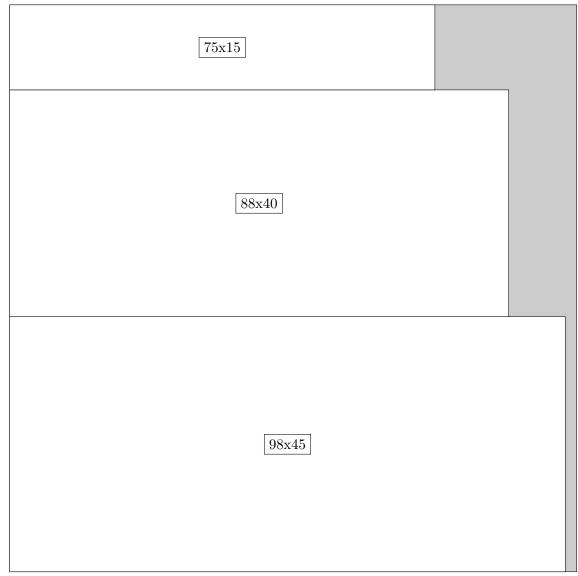


$$\mathbf{w}$$
 =71 , h =49 , x =0 , y =0 , v =3479

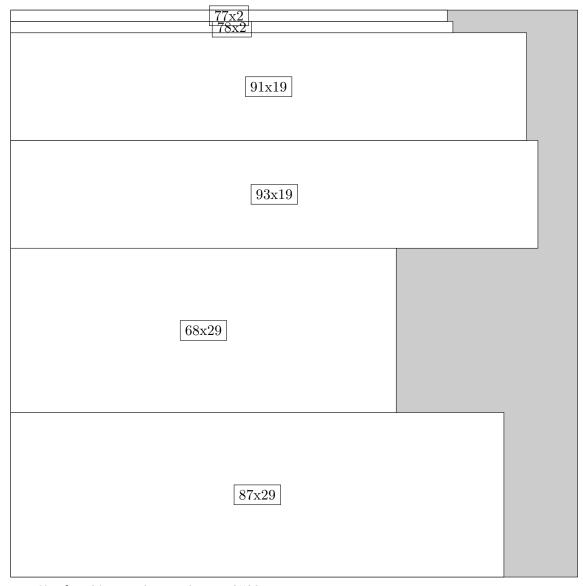
$$\le =29$$
 , $h=76$, $x=71$, $y=0$, $v=2204$

$$\le =69$$
 , h =31 , x =0 , y =69 , v =2139

$$\mathbf{w}$$
 =70 , h =20 , x =0 , y =49 , v =1400



$$\begin{array}{l} w = \! 98 \ , \ h = \! 45 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4410 \\ w = \! 88 \ , \ h = \! 40 \ , \ x = \! 0 \ , \ y = \! 45 \ , \ v = \! 3520 \\ w = \! 75 \ , \ h = \! 15 \ , \ x = \! 0 \ , \ y = \! 85 \ , \ v = \! 1125 \end{array}$$



$$\le =87$$
 , h =29 , x =0 , y =0 , v =2523

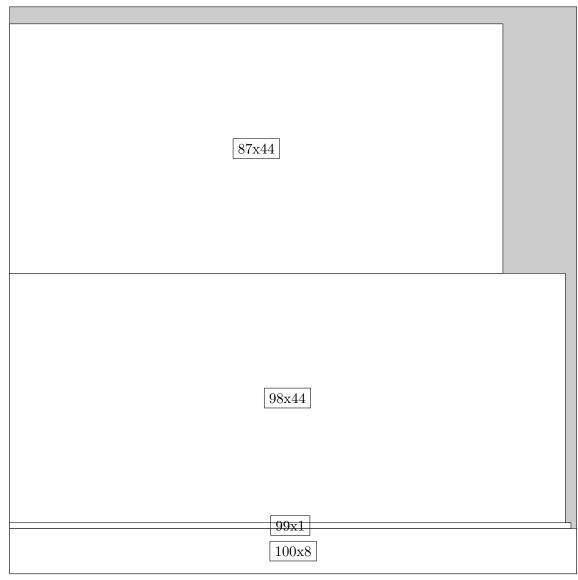
$$\le =68$$
 , h =29 , x =0 , y =29 , v =1972

$$\le =93$$
 , h =19 , x =0 , y =58 , v =1767

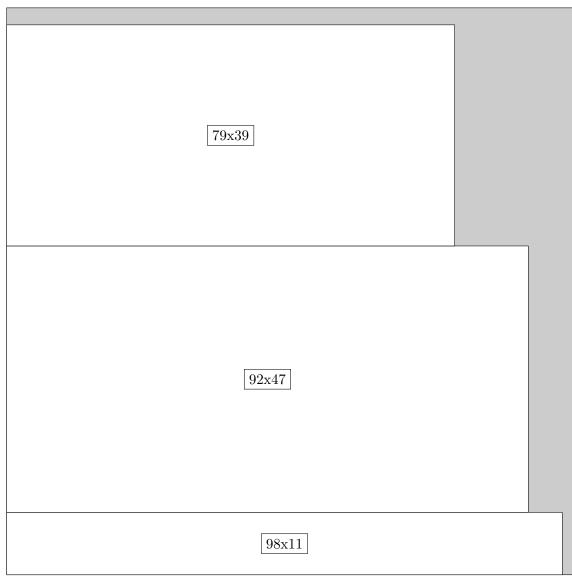
$$w$$
 =91 , h =19 , x =0 , y =77 , v =1729

$$\le -78$$
 , h =2 , x =0 , y =96 , v =156

$$\le =77$$
 , h =2 , x =0 , y =98 , v =154



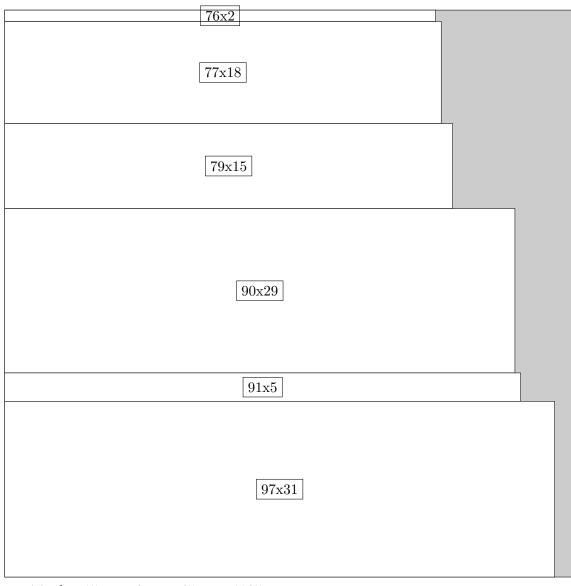
$$\begin{array}{l} w = \! 98 \; , \; h = \! 44 \; , \; x = \! 0 \; , \; y = \! 9 \; , \; v = \! 4312 \\ w = \! 87 \; , \; h = \! 44 \; , \; x = \! 0 \; , \; y = \! 53 \; , \; v = \! 3828 \\ w = \! 100 \; , \; h = \! 8 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 800 \\ w = \! 99 \; , \; h = \! 1 \; , \; x = \! 0 \; , \; y = \! 8 \; , \; v = \! 99 \end{array}$$



$$\le =92$$
 , h =47 , x =0 , y =11 , v =4324

$$\le =79$$
 , h =39 , x =0 , y =58 , v =3081

$$\le =98$$
 , h =11 , x =0 , y =0 , v =1078



$$\le =79$$
 , h =15 , x =0 , y =65 , v =1185

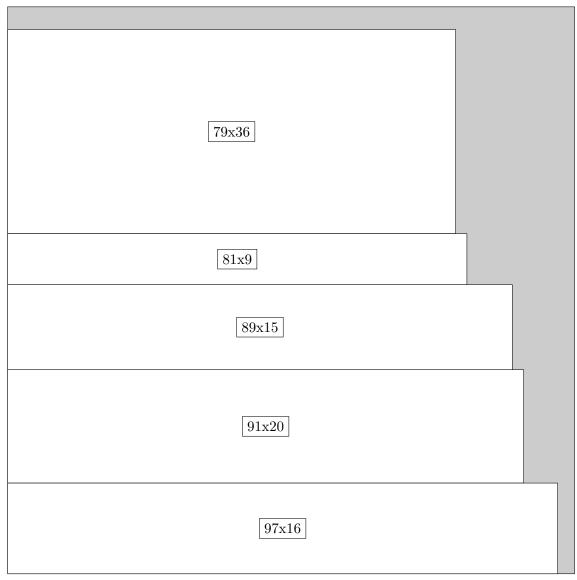
$$\le =97$$
 , h =31 , x =0 , y =0 , v =3007

$$\le =90$$
 , h =29 , x =0 , y =36 , v =2610

$$\le =77$$
 , h =18 , x =0 , y =80 , v =1386

$$\le =91$$
 , $h=5$, $x=0$, $y=31$, $v=455$

$$\mathbf{w}$$
 =76 , h =2 , x =0 , y =98 , v =152



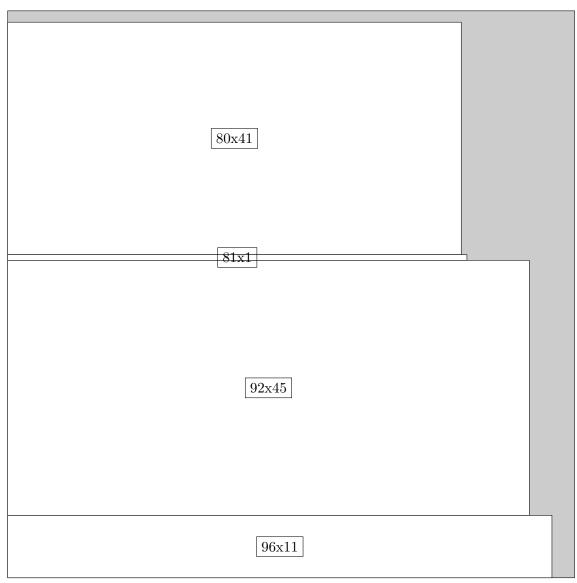
$$w = 79$$
, $h = 36$, $x = 0$, $y = 60$, $v = 2844$

$$\le =91$$
 , h =20 , x =0 , y =16 , v =1820

$$\le =97$$
 , h =16 , x =0 , y =0 , v =1552

$$\le =89$$
 , h =15 , x =0 , y =36 , v =1335

$$\le =81$$
 , h =9 , x =0 , y =51 , v =729



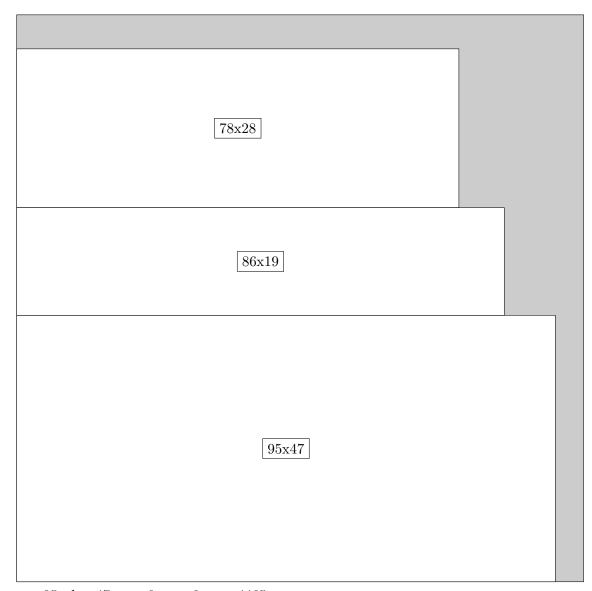
$$\le =92$$
 , h =45 , x =0 , y =11 , v =4140

$$\le =80$$
 , h =41 , x =0 , y =57 , v =3280

$$\le =96$$
 , h =11 , x =0 , y =0 , v =1056

$$\le =81$$
 , $h=1$, $x=0$, $y=\!56$, $v=\!81$





$$\le =95$$
 , h =47 , x =0 , y =0 , v =4465

$$\le -78$$
 , h =
28 , x =
0 , y =
66 , v =
2184

$$\le =86$$
 , h =19 , x =0 , y =47 , v =1634