${\bf ClassName:}\ {\bf Class\_03.2bp\text{-}17}$ 

BinSize:  $\underline{40 \times 40}$ ReduceSize:  $\underline{40 \times 40}$ 

TypeNum: <u>40</u>
Num: <u>40</u>
OutS: <u>20800</u>
InS: <u>15902</u>
Rate: <u>0.765</u>
UB: <u>13</u>
LB0: <u>13</u>

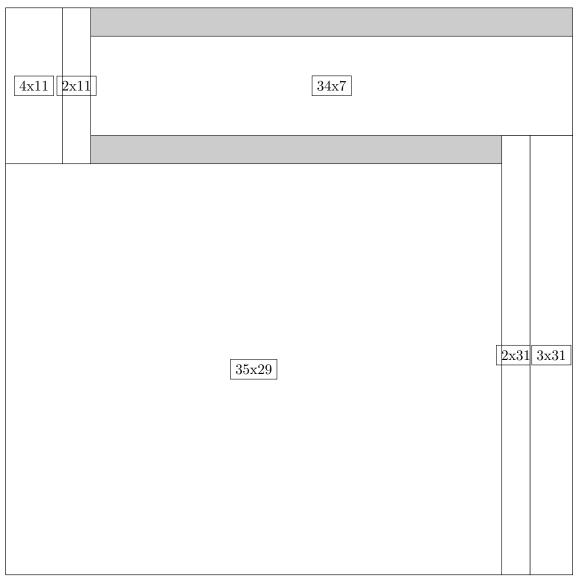
LB:  $\underline{\mathbf{13}}$ LBWithCut:  $\underline{\mathbf{13}}$ NodeCut:  $\underline{\mathbf{0}}$ 

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

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{13}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

isOpt: **true** 

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.030 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.170 \ s} \end{array}$ 



$$w = 35$$
,  $h = 29$ ,  $x = 0$ ,  $y = 0$ ,  $v = 1015$ 

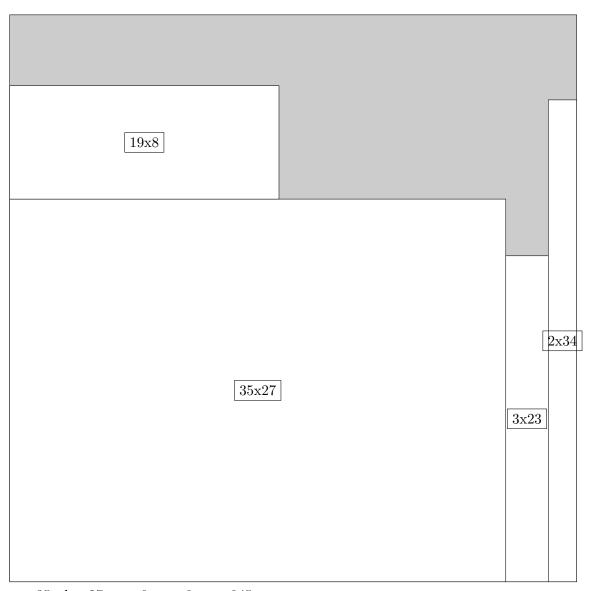
$$\le =2$$
 , h =31 , x =35 , y =0 , v =62

$$\mathbf{w}$$
 =3 , h =31 , x =37 , y =0 , v =93

$$\le =34$$
 , h =7 , x =6 , y =31 , v =238

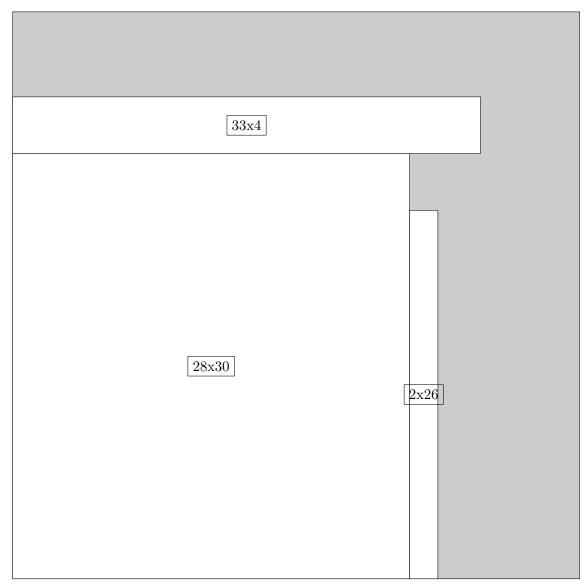
$$\mathbf{w}$$
 =4 , h =11 , x =0 , y =29 , v =44

$$\mathbf{w}$$
 =2 , h =11 , x =4 , y =29 , v =22

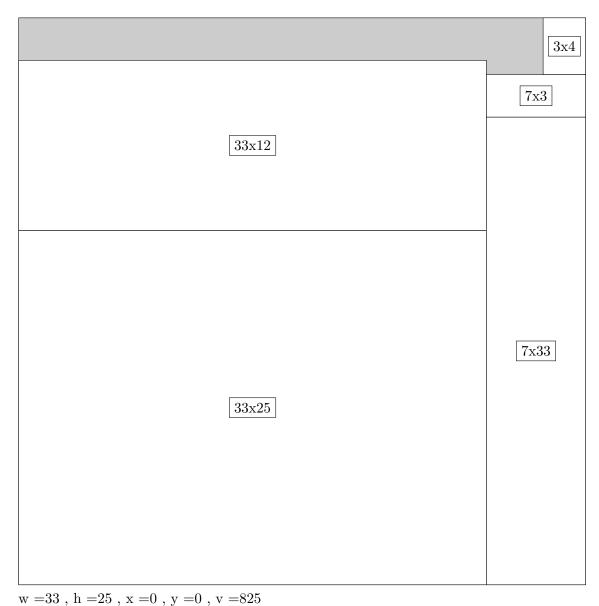


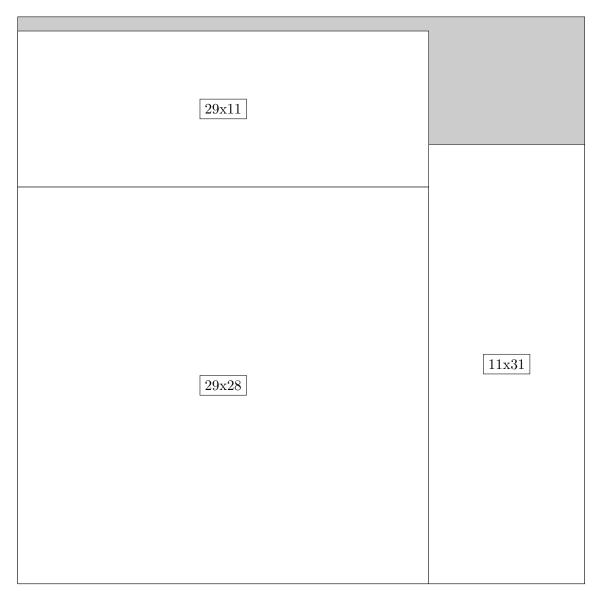
 $\begin{array}{l} w = \! 35 \ , \ h = \! 27 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 945 \\ w = \! 19 \ , \ h = \! 8 \ , \ x = \! 0 \ , \ y = \! 27 \ , \ v = \! 152 \\ w = \! 3 \ , \ h = \! 23 \ , \ x = \! 35 \ , \ y = \! 0 \ , \ v = \! 69 \end{array}$ 

 $\mathbf{w}$  =2 , h =34 , x =38 , y =0 , v =68

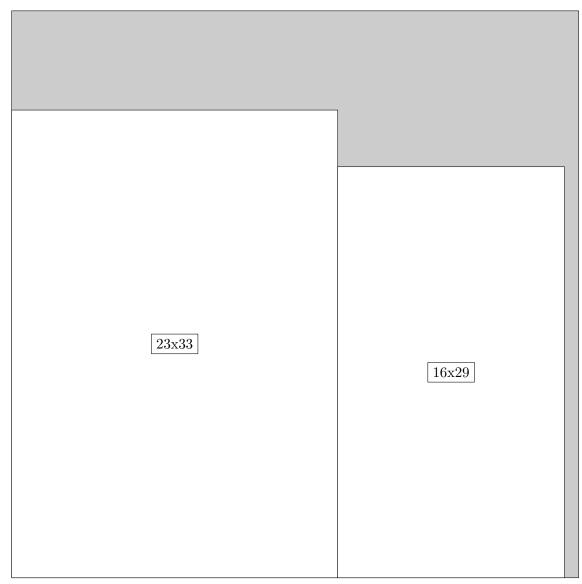


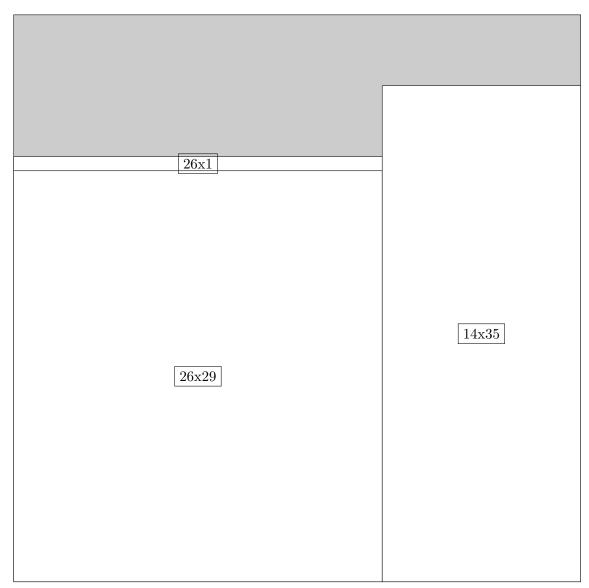
$$\begin{array}{l} w = 28 \ , \ h = 30 \ , \ x = 0 \ , \ y = 0 \ , \ v = 840 \\ w = 33 \ , \ h = 4 \ , \ x = 0 \ , \ y = 30 \ , \ v = 132 \\ w = 2 \ , \ h = 26 \ , \ x = 28 \ , \ y = 0 \ , \ v = 52 \end{array}$$



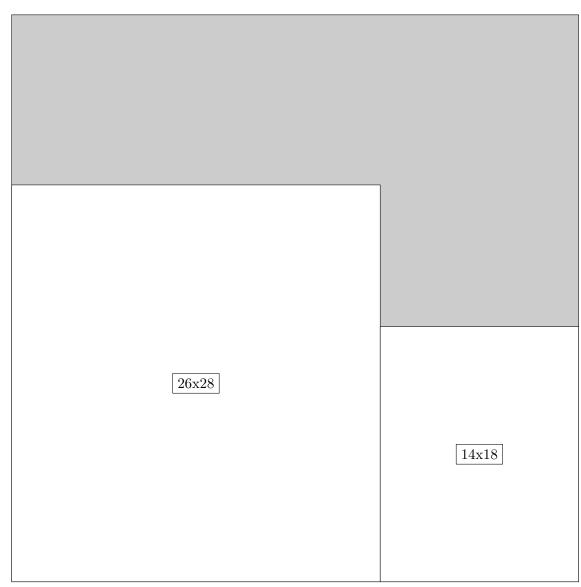


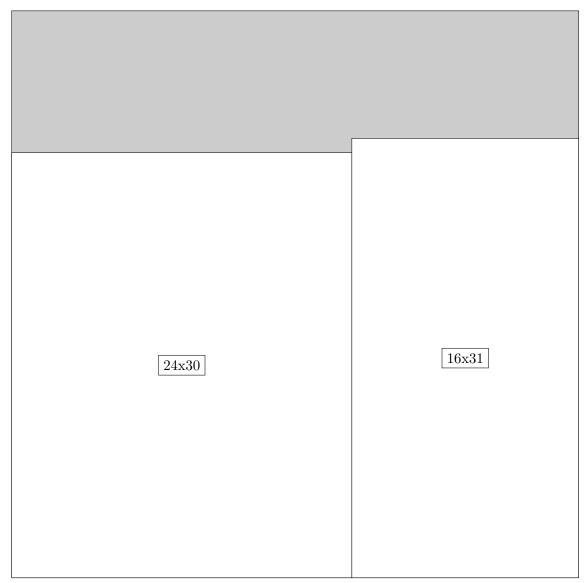
$$\begin{array}{l} w = 29 \ , \ h = 28 \ , \ x = 0 \ , \ y = 0 \ , \ v = 812 \\ w = 11 \ , \ h = 31 \ , \ x = 29 \ , \ y = 0 \ , \ v = 341 \\ w = 29 \ , \ h = 11 \ , \ x = 0 \ , \ y = 28 \ , \ v = 319 \end{array}$$

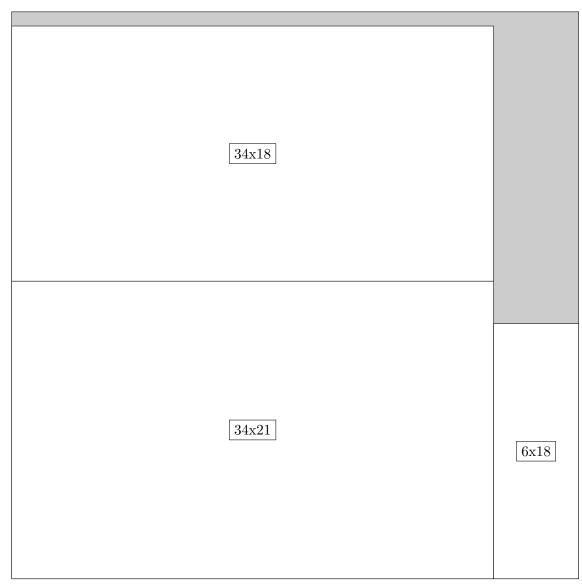




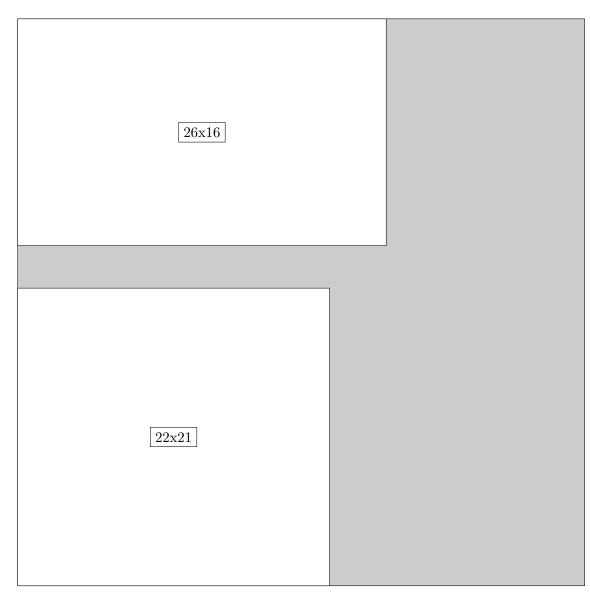
$$\begin{array}{l} w = 26 \ , \ h = 29 \ , \ x = 0 \ , \ y = 0 \ , \ v = 754 \\ w = 14 \ , \ h = 35 \ , \ x = 26 \ , \ y = 0 \ , \ v = 490 \\ w = 26 \ , \ h = 1 \ , \ x = 0 \ , \ y = 29 \ , \ v = 26 \end{array}$$



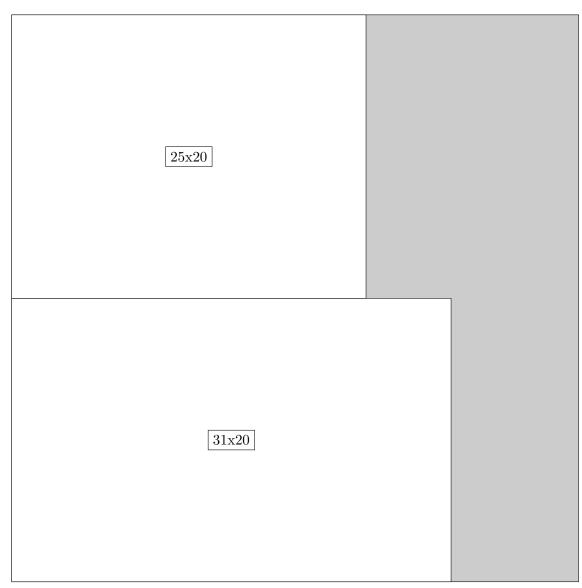




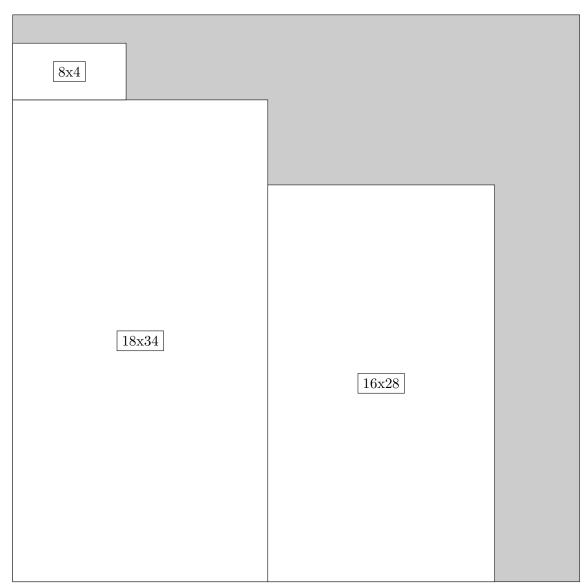
 $\begin{array}{l} w = \!\! 34 \; , \; h = \!\! 21 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 714 \\ w = \!\! 34 \; , \; h = \!\! 18 \; , \; x = \!\! 0 \; , \; y = \!\! 21 \; , \; v = \!\! 612 \\ w = \!\! 6 \; , \; h = \!\! 18 \; , \; x = \!\! 34 \; , \; y = \!\! 0 \; , \; v = \!\! 108 \end{array}$ 



$$\begin{array}{l} w = \! 22 \ , \, h = \! 21 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 462 \\ w = \! 26 \ , \, h = \! 16 \ , \, x = \! 0 \ , \, y = \! 24 \ , \, v = \! 416 \end{array}$$



$$\begin{array}{l} w = & 31 \ , \ h = & 20 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 620 \\ w = & 25 \ , \ h = & 20 \ , \ x = & 0 \ , \ y = & 20 \ , \ v = & 500 \end{array}$$



$$\begin{array}{l} w = \! 18 \; , \; h = \! 34 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 612 \\ w = \! 16 \; , \; h = \! 28 \; , \; x = \! 18 \; , \; y = \! 0 \; , \; v = \! 448 \\ w = \! 8 \; , \; h = \! 4 \; , \; x = \! 0 \; , \; y = \! 34 \; , \; v = \! 32 \end{array}$$