$ClassName: \ Class_07.2bp-2$

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

TypeNum: $\underline{20}$ Num: $\underline{20}$ OutS: $\underline{50000}$ InS: $\underline{39269}$ Rate: $\underline{0.785}$

UB: <u>5</u> LB0: <u>5</u> LB: **5**

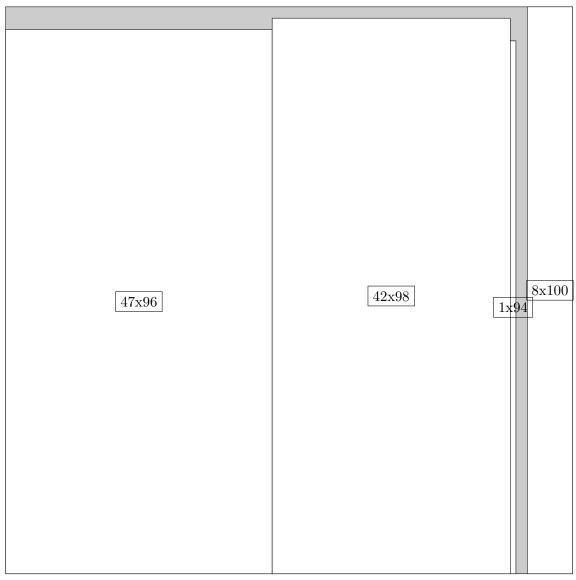
LBWithCut: $\underline{\mathbf{5}}$ NodeCut: $\underline{\mathbf{0}}$

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

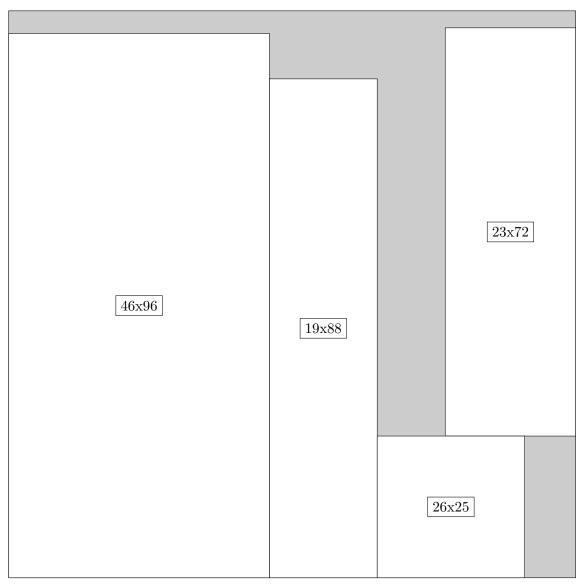
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{5}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: **true**

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.010 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.090 \ s} \\ {\rm TotalTime:} \ \underline{0.171 \ s} \\ \end{array}$



 $\begin{array}{l} w = \!\! 47 \; , \; h = \!\! 96 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 4512 \\ w = \!\! 42 \; , \; h = \!\! 98 \; , \; x = \!\! 47 \; , \; y = \!\! 0 \; , \; v = \!\! 4116 \\ w = \!\! 8 \; , \; h = \!\! 100 \; , \; x = \!\! 92 \; , \; y = \!\! 0 \; , \; v = \!\! 800 \\ w = \!\! 1 \; , \; h = \!\! 94 \; , \; x = \!\! 89 \; , \; y = \!\! 0 \; , \; v = \!\! 94 \end{array}$

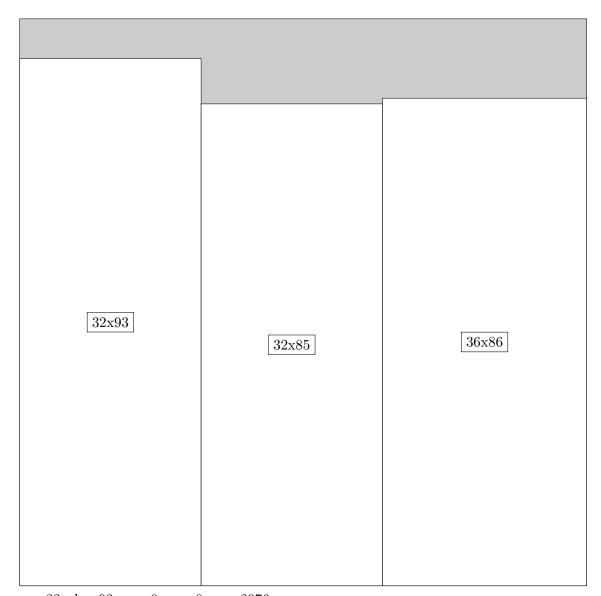


 \mathbf{w} =46 , h =96 , x =0 , y =0 , v =4416

 $\le =19$, h =88 , x =46 , y =0 , v =1672

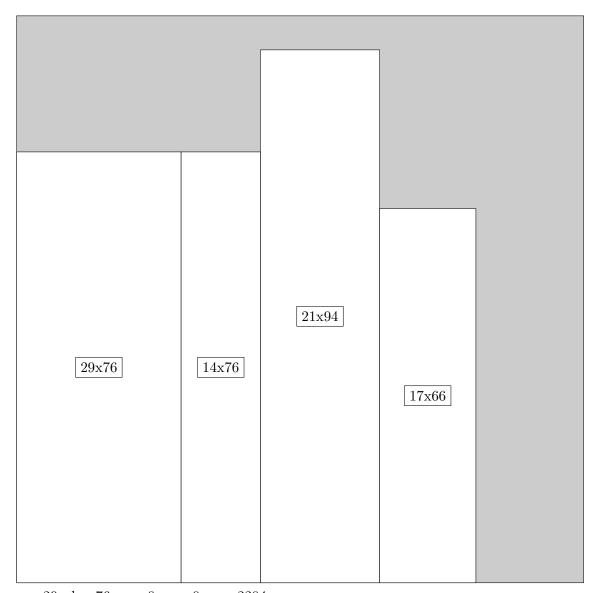
 $\le =23$, h =72 , x =77 , y =25 , v =1656

 $\le =26$, h=25 , x=65 , y=0 , v=650



$$\begin{array}{l} w = & 32 \ , \ h = & 93 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 2976 \\ w = & 32 \ , \ h = & 85 \ , \ x = & 32 \ , \ y = & 0 \ , \ v = & 2720 \end{array}$$

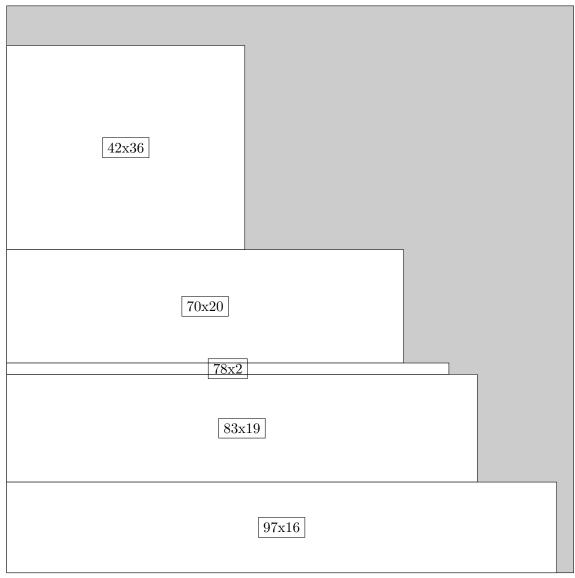
$$\le =36$$
 , $h=86$, $x=64$, $y=0$, $v=3096$



 $\begin{array}{l} w = 29 \ , \ h = 76 \ , \ x = 0 \ , \ y = 0 \ , \ v = 2204 \\ w = 21 \ , \ h = 94 \ , \ x = 43 \ , \ y = 0 \ , \ v = 1974 \end{array}$

 $\le =17$, h=66 , x=64 , y=0 , v=1122

 \mathbf{w} =14 , h =76 , x =29 , y =0 , v =1064



$$\le =83$$
 , $h=19$, $x=0$, $y=16$, $v=1577$

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

$$\le =42$$
 , h =36 , x =0 , y =57 , v =1512

$$\mathbf{w}$$
 =70 , h =20 , x =0 , y =37 , v =1400

$$\le -78$$
 , h =2 , x =0 , y =35 , v =156