ClassName:  $Class\_03.2bp-3$ 

 $\begin{array}{ccc} \text{BinSize: } \underline{40} & \overline{\times} & \underline{40} \\ \text{ReduceSize: } \underline{40} & \times & \underline{40} \end{array}$ 

TypeNum: <u>20</u> Num: <u>20</u> OutS: <u>6400</u> InS: <u>4964</u> Rate: <u>0.776</u>

UB: <u>4</u> LB0: <u>4</u> LB: 4

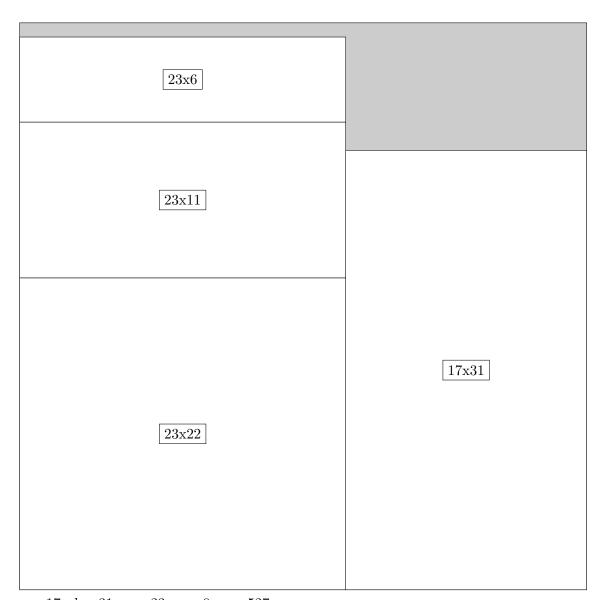
LBWithCut:  $\underline{\mathbf{4}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{4}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.000 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.125 \ s} \\ \end{array}$ 



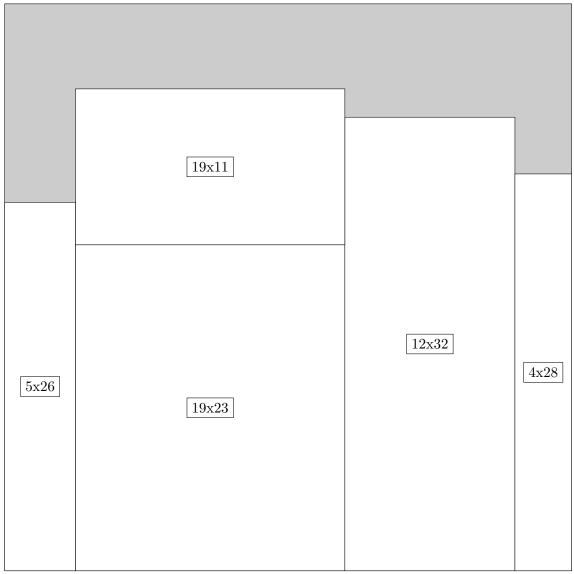
$$\begin{array}{l} w = \!\! 17 \ , \ h = \!\! 31 \ , \ x = \!\! 23 \ , \ y = \!\! 0 \ , \ v = \!\! 527 \\ w = \!\! 23 \ , \ h = \!\! 11 \ , \ x = \!\! 0 \ , \ y = \!\! 22 \ , \ v = \!\! 253 \end{array}$$

$$\le =23$$
 , h =6 , x =0 , y =33 , v =138

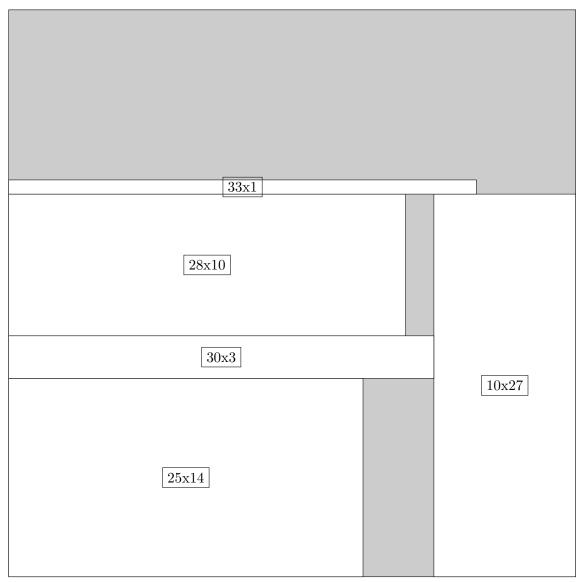
$$\mathbf{w}$$
 =23 , h =22 , x =0 , y =0 , v =506



$$\begin{array}{l} w = 32 \; , \; h = 19 \; , \; x = 0 \; , \; y = 0 \; , \; v = 608 \\ w = 22 \; , \; h = 19 \; , \; x = 0 \; , \; y = 19 \; , \; v = 418 \\ w = 9 \; , \; h = 11 \; , \; x = 22 \; , \; y = 19 \; , \; v = 99 \\ w = 4 \; , \; h = 20 \; , \; x = 36 \; , \; y = 5 \; , \; v = 80 \\ w = 8 \; , \; h = 3 \; , \; x = 32 \; , \; y = 0 \; , \; v = 24 \\ w = 8 \; , \; h = 2 \; , \; x = 32 \; , \; y = 3 \; , \; v = 16 \end{array}$$



 $\begin{array}{l} w=5 \ , \ h=26 \ , \ x=0 \ , \ y=0 \ , \ v=130 \\ w=19 \ , \ h=23 \ , \ x=5 \ , \ y=0 \ , \ v=437 \\ w=12 \ , \ h=32 \ , \ x=24 \ , \ y=0 \ , \ v=384 \\ w=19 \ , \ h=11 \ , \ x=5 \ , \ y=23 \ , \ v=209 \\ w=4 \ , \ h=28 \ , \ x=36 \ , \ y=0 \ , \ v=112 \end{array}$ 



$$\le =25$$
 , h =14 , x =0 , y =0 , v =350

$$\le =28$$
 ,  $h$  =10 ,  $x$  =0 ,  $y$  =17 ,  $v$  =280

$$\le =10$$
 ,  $h$  =27 ,  $x$  =30 ,  $y$  =0 ,  $v$  =270

$$\le =30$$
 , h =3 , x =0 , y =14 , v =90

$$\le =33$$
 , h =1 , x =0 , y =27 , v =33