ClassName:  $Class\_03.2bp-8$ 

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

TypeNum: <u>20</u> Num: <u>20</u> OutS: <u>8000</u> InS: <u>6730</u> Rate: <u>0.841</u>

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

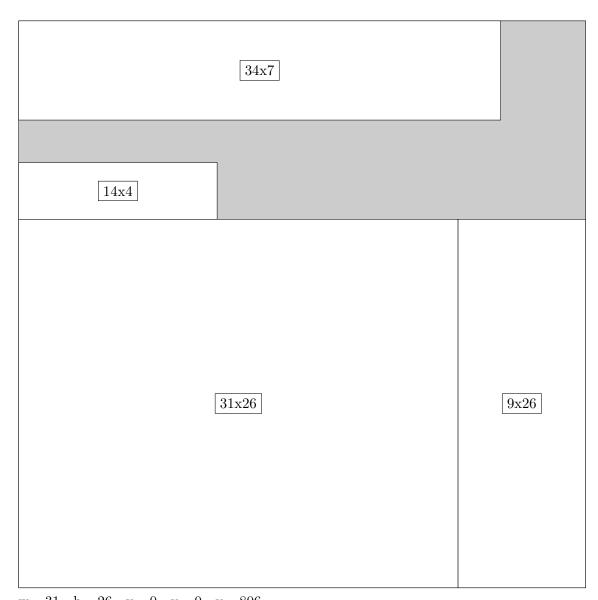
LBWithCut:  $\underline{\mathbf{5}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

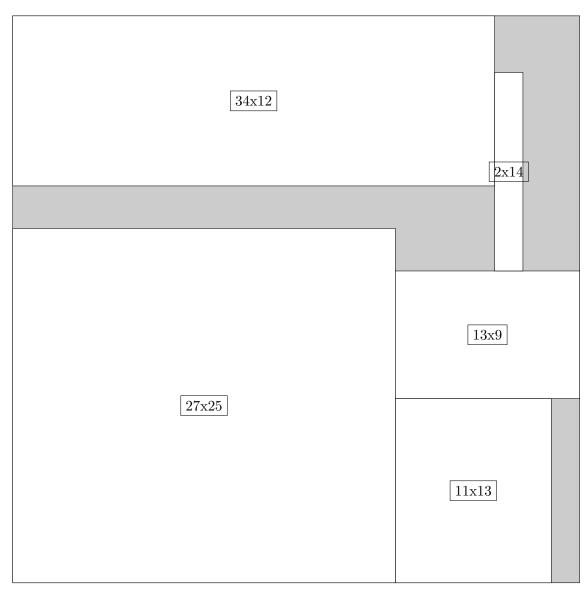
isOpt: **true** 

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.010 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.063 \ s} \\ {\rm TotalTime:} \ \underline{0.135 \ s} \end{array}$ 

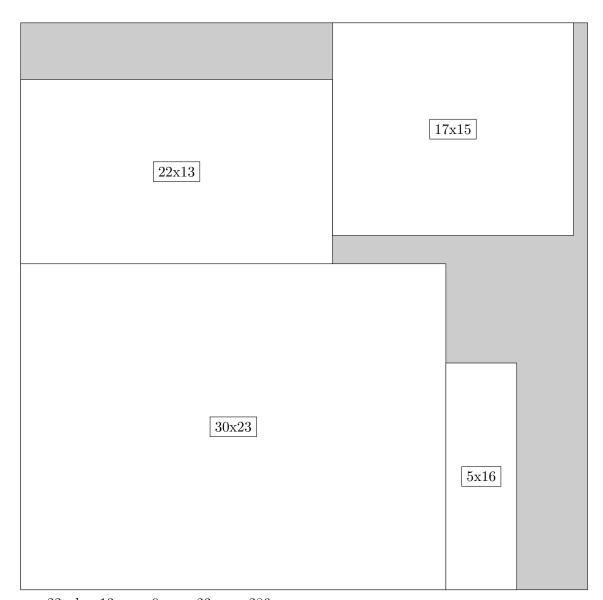


$$\begin{array}{l} w = & 31 \ , \ h = & 26 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 806 \\ w = & 14 \ , \ h = & 4 \ , \ x = & 0 \ , \ y = & 26 \ , \ v = & 56 \\ w = & 34 \ , \ h = & 7 \ , \ x = & 0 \ , \ y = & 33 \ , \ v = & 238 \end{array}$$

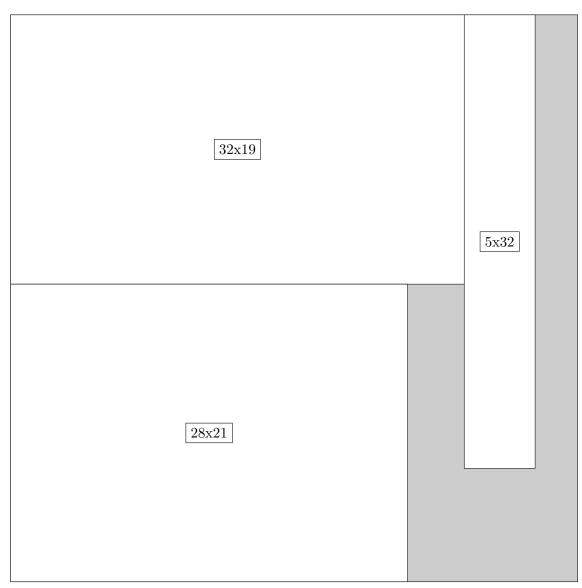
 $\le =9$  , h =26 , x =31 , y =0 , v =234



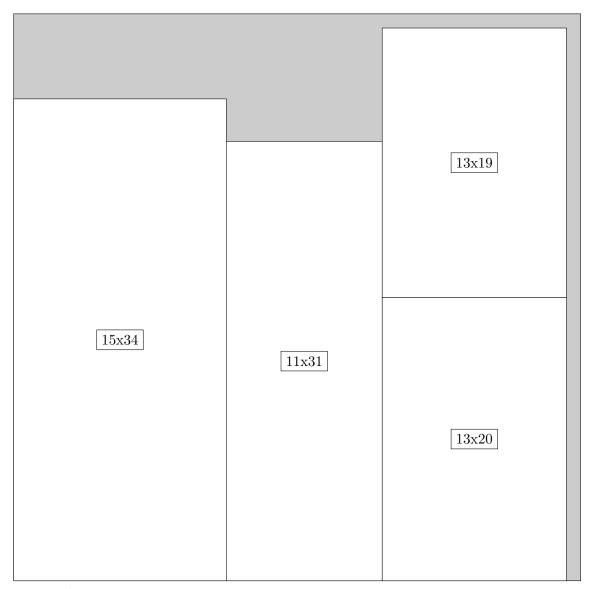
$$\begin{array}{l} w = & 11 \;,\; h = & 13 \;,\; x = & 27 \;,\; y = & 0 \;,\; v = & 143 \\ w = & 27 \;,\; h = & 25 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 675 \\ w = & 34 \;,\; h = & 12 \;,\; x = & 0 \;,\; y = & 28 \;,\; v = & 408 \\ w = & 13 \;,\; h = & 9 \;,\; x = & 27 \;,\; y = & 13 \;,\; v = & 117 \\ w = & 2 \;,\; h = & 14 \;,\; x = & 34 \;,\; y = & 22 \;,\; v = & 28 \end{array}$$



$$\begin{array}{l} w = & 22 \ , \ h = & 13 \ , \ x = & 0 \ , \ y = & 23 \ , \ v = & 286 \\ w = & 17 \ , \ h = & 15 \ , \ x = & 22 \ , \ y = & 25 \ , \ v = & 255 \\ w = & 30 \ , \ h = & 23 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 690 \\ w = & 5 \ , \ h = & 16 \ , \ x = & 30 \ , \ y = & 0 \ , \ v = & 80 \end{array}$$



 $\begin{array}{l} w = & 32 \;,\; h = & 19 \;,\; x = & 0 \;,\; y = & 21 \;,\; v = & 608 \\ w = & 5 \;,\; h = & 32 \;,\; x = & 32 \;,\; y = & 8 \;,\; v = & 160 \\ w = & 28 \;,\; h = & 21 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 588 \end{array}$ 



$$\le =15$$
 ,  $h=34$  ,  $x=0$  ,  $y=0$  ,  $v=\!510$ 

$$\mathbf{w}$$
 =11 , h =31 , x =15 , y =0 , v =341

$$\le =13$$
 , h =20 , x =26 , y =0 , v =260

$$\mathbf{w}$$
 =13 , h =19 , x =26 , y =20 , v =247