ClassName:  $Class\_03.2bp-4$ 

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

TypeNum:  $\underline{20}$ Num:  $\underline{20}$ OutS:  $\underline{6400}$ InS:  $\underline{5520}$ Rate:  $\underline{0.863}$ 

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

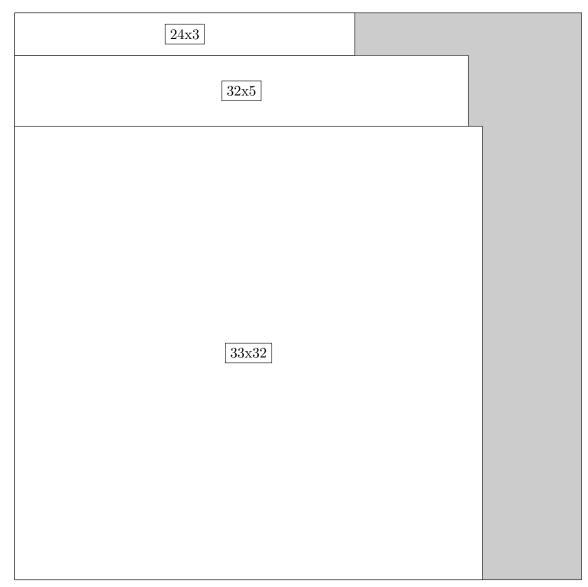
LBWithCut:  $\underline{\mathbf{4}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

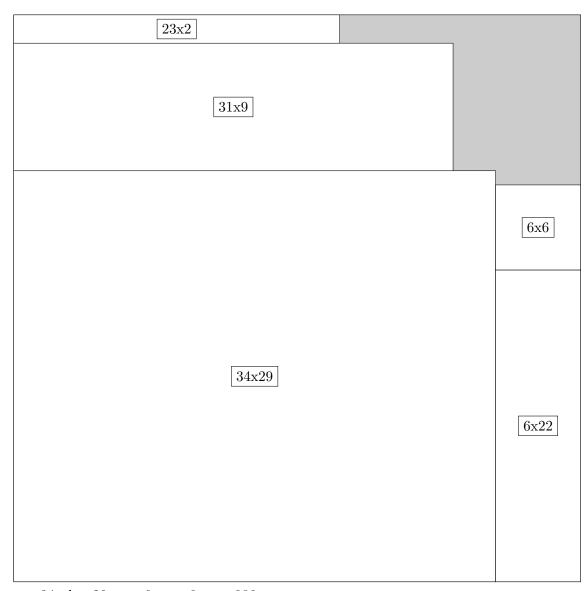
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{4}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.000 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.062 \ s} \\ {\rm TotalTime:} \ \underline{0.109 \ s} \\ \end{array}$ 



$$\begin{array}{l} w = \! 33 \; , \; h = \! 32 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 1056 \\ w = \! 32 \; , \; h = \! 5 \; , \; x = \! 0 \; , \; y = \! 32 \; , \; v = \! 160 \\ w = \! 24 \; , \; h = \! 3 \; , \; x = \! 0 \; , \; y = \! 37 \; , \; v = \! 72 \end{array}$$

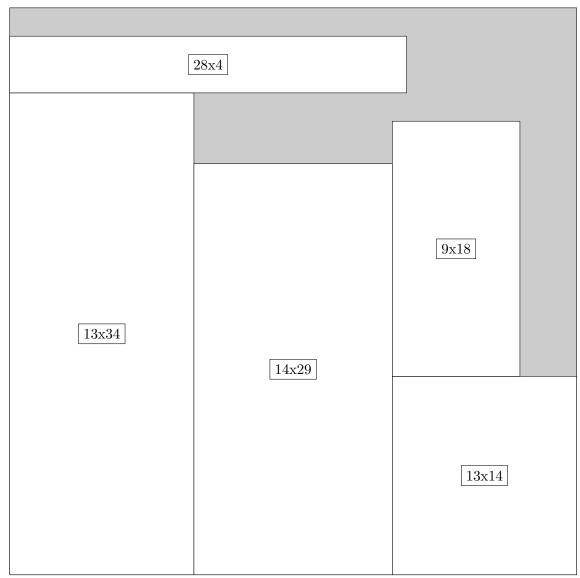


$$\begin{array}{l} w = \!\! 34 \ , \ h = \!\! 29 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 986 \\ w = \!\! 31 \ , \ h = \!\! 9 \ , \ x = \!\! 0 \ , \ y = \!\! 29 \ , \ v = \!\! 279 \end{array}$$

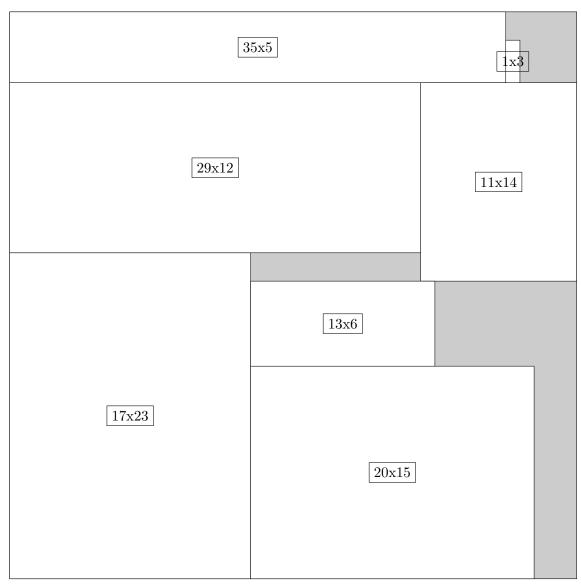
$$w = 6$$
,  $h = 22$ ,  $x = 34$ ,  $y = 0$ ,  $v = 132$ 

$$\le =23$$
 ,  $h=2$  ,  $x=0$  ,  $y=38$  ,  $v=46$ 

$$w = 6$$
,  $h = 6$ ,  $x = 34$ ,  $y = 22$ ,  $v = 36$ 



 $\begin{array}{l} w = \! 13 \; , \; h = \! 34 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 442 \\ w = \! 14 \; , \; h = \! 29 \; , \; x = \! 13 \; , \; y = \! 0 \; , \; v = \! 406 \\ w = \! 13 \; , \; h = \! 14 \; , \; x = \! 27 \; , \; y = \! 0 \; , \; v = \! 182 \\ w = \! 9 \; , \; h = \! 18 \; , \; x = \! 27 \; , \; y = \! 14 \; , \; v = \! 162 \\ w = \! 28 \; , \; h = \! 4 \; , \; x = \! 0 \; , \; y = \! 34 \; , \; v = \! 112 \end{array}$ 



$$w = 17$$
,  $h = 23$ ,  $x = 0$ ,  $y = 0$ ,  $v = 391$ 

$$\le =29$$
 , h =12 , x =0 , y =23 , v =348

$$\le =20$$
 ,  $h$  =15 ,  $x$  =17 ,  $y$  =0 ,  $v$  =300

$$\le =35$$
 ,  $h$  =5 ,  $x$  =0 ,  $y$  =35 ,  $v$  =175

$$w=\!11$$
 ,  $h=\!14$  ,  $x=\!29$  ,  $y=\!21$  ,  $v=\!154$ 

$$\le =13$$
 ,  $h$  =6 ,  $x$  =17 ,  $y$  =15 ,  $v$  =78

$$w=1$$
 ,  $h=3$  ,  $x=\!35$  ,  $y=\!35$  ,  $v=\!3$