${\bf ClassName:}~{\bf Class\_03.2bp\text{-}10}$ 

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

TypeNum: <u>39</u> Num: <u>40</u> OutS: <u>9600</u> InS: <u>8968</u> Rate: <u>0.934</u>

UB: <u>6</u> LB0: <u>6</u> LB: **6** 

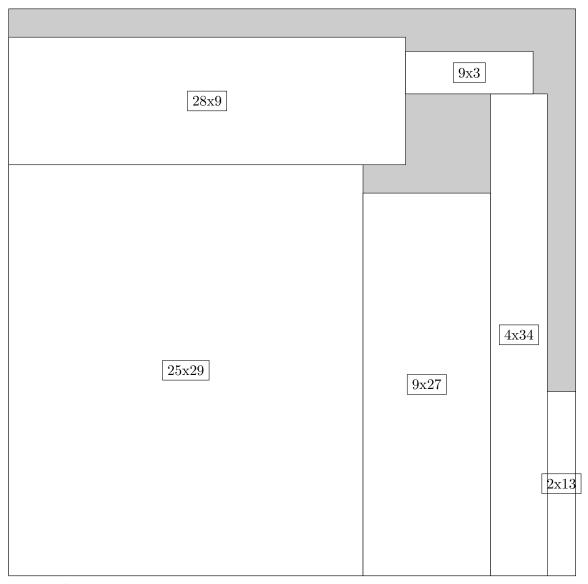
LBWithCut:  $\underline{\mathbf{6}}$  NodeCut:  $\underline{\mathbf{0}}$ 

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

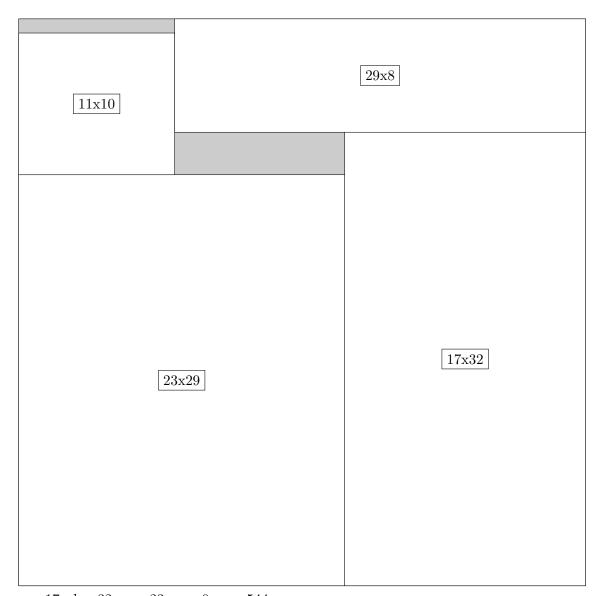
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{6}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.020 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.062 \ s} \\ {\rm TotalTime:} \ \underline{0.145 \ s} \end{array}$ 



 $\begin{array}{l} w=25 \ , \ h=29 \ , \ x=0 \ , \ y=0 \ , \ v=725 \\ w=28 \ , \ h=9 \ , \ x=0 \ , \ y=29 \ , \ v=252 \\ w=9 \ , \ h=27 \ , \ x=25 \ , \ y=0 \ , \ v=243 \\ w=4 \ , \ h=34 \ , \ x=34 \ , \ y=0 \ , \ v=136 \\ w=9 \ , \ h=3 \ , \ x=28 \ , \ y=34 \ , \ v=27 \\ w=2 \ , \ h=13 \ , \ x=38 \ , \ y=0 \ , \ v=26 \end{array}$ 



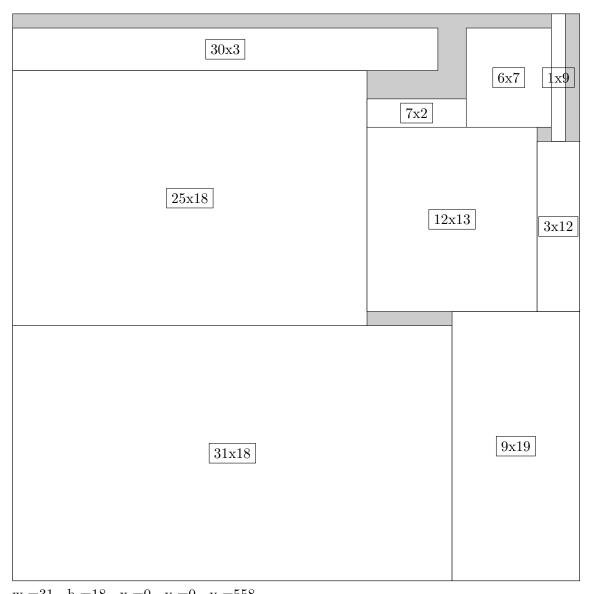
$$\begin{array}{l} w = & 17 \ , \ h = & 32 \ , \ x = & 23 \ , \ y = & 0 \ , \ v = & 544 \\ w = & 23 \ , \ h = & 29 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 667 \\ w = & 29 \ , \ h = & 8 \ , \ x = & 11 \ , \ y = & 32 \ , \ v = & 232 \\ w = & 11 \ , \ h = & 10 \ , \ x = & 0 \ , \ y = & 29 \ , \ v = & 110 \end{array}$$

28x5		
18x35	5x23	17x21
	22x12	

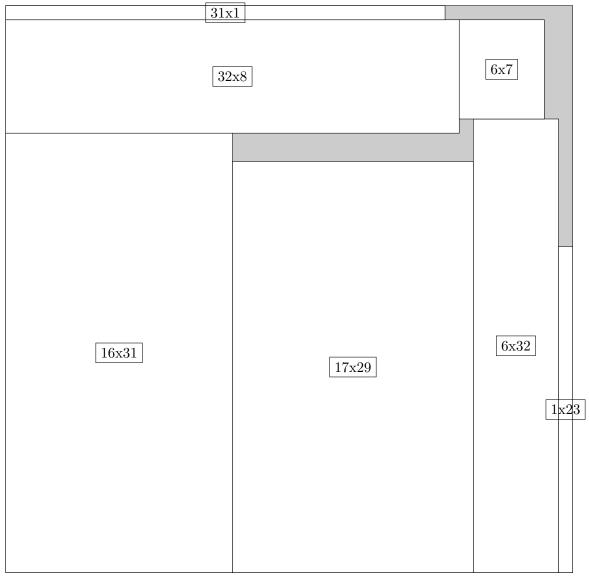
$$\begin{array}{l} w = \! 18 \; , \; h = \! 35 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 630 \\ w = \! 17 \; , \; h = \! 21 \; , \; x = \! 23 \; , \; y = \! 12 \; , \; v = \! 357 \\ w = \! 22 \; , \; h = \! 12 \; , \; x = \! 18 \; , \; y = \! 0 \; , \; v = \! 264 \\ w = \! 28 \; , \; h = \! 5 \; , \; x = \! 0 \; , \; y = \! 35 \; , \; v = \! 140 \end{array}$$

$$w$$
 =5 , h =23 , x =18 , y =12 , v =115

$$\le =17$$
 , h =2 , x =23 , y =33 , v =34



$$\begin{array}{l} w = & 31 \;, \; h = & 18 \;, \; x = & 0 \;, \; y = & 0 \;, \; v = & 558 \\ w = & 25 \;, \; h = & 18 \;, \; x = & 0 \;, \; y = & 18 \;, \; v = & 450 \\ w = & 9 \;, \; h = & 19 \;, \; x = & 31 \;, \; y = & 0 \;, \; v = & 171 \\ w = & 12 \;, \; h = & 13 \;, \; x = & 25 \;, \; y = & 19 \;, \; v = & 156 \\ w = & 30 \;, \; h = & 3 \;, \; x = & 0 \;, \; y = & 36 \;, \; v = & 90 \\ w = & 6 \;, \; h = & 7 \;, \; x = & 32 \;, \; y = & 32 \;, \; v = & 42 \\ w = & 3 \;, \; h = & 12 \;, \; x = & 37 \;, \; y = & 19 \;, \; v = & 36 \\ w = & 7 \;, \; h = & 2 \;, \; x = & 25 \;, \; y = & 32 \;, \; v = & 14 \\ w = & 1 \;, \; h = & 9 \;, \; x = & 38 \;, \; y = & 31 \;, \; v = & 9 \end{array}$$



 $\begin{array}{l} w=16 \ , \ h=31 \ , \ x=0 \ , \ y=0 \ , \ v=496 \\ w=17 \ , \ h=29 \ , \ x=16 \ , \ y=0 \ , \ v=493 \\ w=32 \ , \ h=8 \ , \ x=0 \ , \ y=31 \ , \ v=256 \\ w=6 \ , \ h=32 \ , \ x=33 \ , \ y=0 \ , \ v=192 \\ w=6 \ , \ h=7 \ , \ x=32 \ , \ y=32 \ , \ v=42 \\ w=31 \ , \ h=1 \ , \ x=0 \ , \ y=39 \ , \ v=31 \\ w=1 \ , \ h=23 \ , \ x=39 \ , \ y=0 \ , \ v=23 \end{array}$ 



$$w = 13$$
,  $h = 35$ ,  $x = 0$ ,  $y = 0$ ,  $v = 455$ 

$$\le =24$$
 ,  $h$  =14 ,  $x$  =13 ,  $y$  =0 ,  $v$  =336

$$w$$
 =12 ,  $h$  =26 ,  $x$  =13 ,  $y$  =14 ,  $v$  =312

$$w$$
 =8 , h =13 , x =32 , y =24 , v =104

$$w$$
 =7 , h =14 , x =25 , y =14 , v =98

$$w = 3$$
,  $h = 23$ ,  $x = 37$ ,  $y = 0$ ,  $v = 69$ 

$$w=\!5$$
 ,  $h=\!6$  ,  $x=\!32$  ,  $y=\!14$  ,  $v=\!30$ 

$$\mathbf{w}$$
 =3 , h =1 , x =37 , y =23 , v =3