${\bf ClassName:}~{\bf Class_03.2bp\text{-}4}$

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

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: $\underline{\mathbf{0}}$

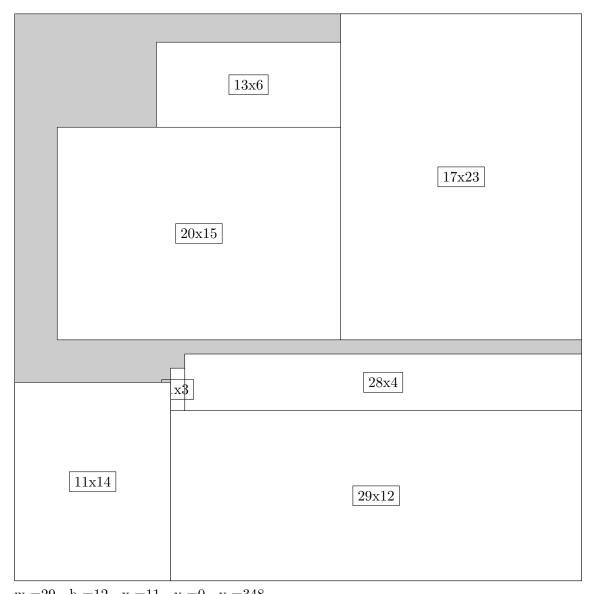
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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

TimeOnInitSolution: $\underline{600.000 \text{ s}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 600.297 s



$$\begin{array}{l} w = 29 \; , \; h = 12 \; , \; x = 11 \; , \; y = 0 \; , \; v = 348 \\ w = 28 \; , \; h = 4 \; , \; x = 12 \; , \; y = 12 \; , \; v = 112 \end{array}$$

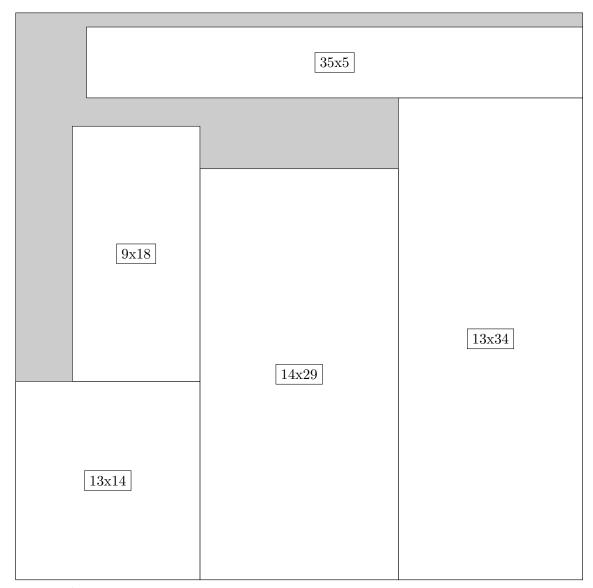
$$\mathbf{w}$$
 =1 , h =3 , x =11 , y =12 , v =3

$$\mathbf{w}$$
 =11 , h =14 , x =0 , y =0 , v =154

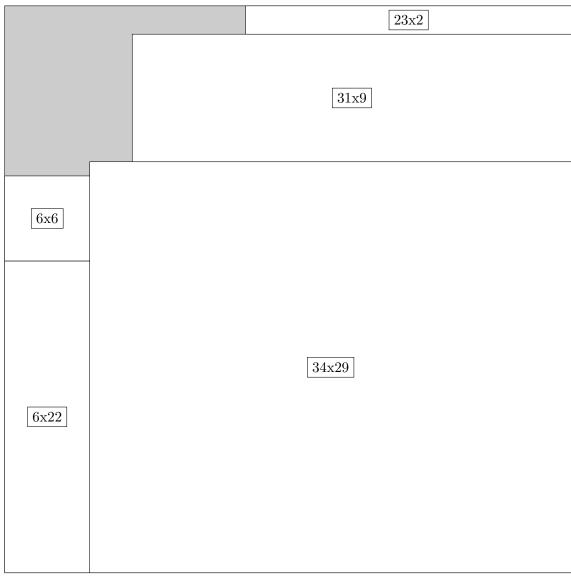
$$\le =17$$
 , h =23 , x =23 , y =17 , v =391

$$\le =20$$
 , $h=15$, $x=3$, $y=17$, $v=300$

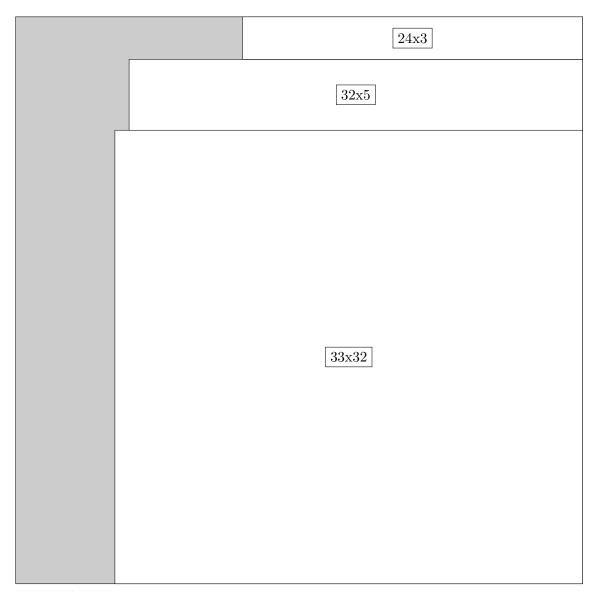
$$w$$
 =13 , h =6 , x =10 , y =32 , v =78



$$\begin{array}{l} w = \! 13 \ , \ h = \! 34 \ , \ x = \! 27 \ , \ y = \! 0 \ , \ v = \! 442 \\ w = \! 14 \ , \ h = \! 29 \ , \ x = \! 13 \ , \ y = \! 0 \ , \ v = \! 406 \\ w = \! 13 \ , \ h = \! 14 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 182 \\ w = \! 9 \ , \ h = \! 18 \ , \ x = \! 4 \ , \ y = \! 14 \ , \ v = \! 162 \\ w = \! 35 \ , \ h = \! 5 \ , \ x = \! 5 \ , \ y = \! 34 \ , \ v = \! 175 \end{array}$$



$$\begin{array}{l} w = \!\! 34 \;,\; h = \!\! 29 \;,\; x = \!\! 6 \;,\; y = \!\! 0 \;,\; v = \!\! 986 \\ w = \!\! 31 \;,\; h = \!\! 9 \;,\; x = \!\! 9 \;,\; y = \!\! 29 \;,\; v = \!\! 279 \\ w = \!\! 23 \;,\; h = \!\! 2 \;,\; x = \!\! 17 \;,\; y = \!\! 38 \;,\; v = \!\! 46 \\ w = \!\! 6 \;,\; h = \!\! 22 \;,\; x = \!\! 0 \;,\; y = \!\! 0 \;,\; v = \!\! 132 \\ w = \!\! 6 \;,\; h = \!\! 6 \;,\; x = \!\! 0 \;,\; y = \!\! 22 \;,\; v = \!\! 36 \end{array}$$



$$\begin{array}{l} w = \! 33 \ , \ h = \! 32 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 1056 \\ w = \! 32 \ , \ h = \! 5 \ , \ x = \! 8 \ , \ y = \! 32 \ , \ v = \! 160 \\ w = \! 24 \ , \ h = \! 3 \ , \ x = \! 16 \ , \ y = \! 37 \ , \ v = \! 72 \end{array}$$