$ClassName: \ Class_03.2bp-2$

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

TypeNum: <u>20</u> Num: <u>20</u> OutS: <u>9600</u> InS: <u>7055</u> Rate: <u>0.735</u>

UB: <u>6</u> LB0: <u>5</u> LB: **6**

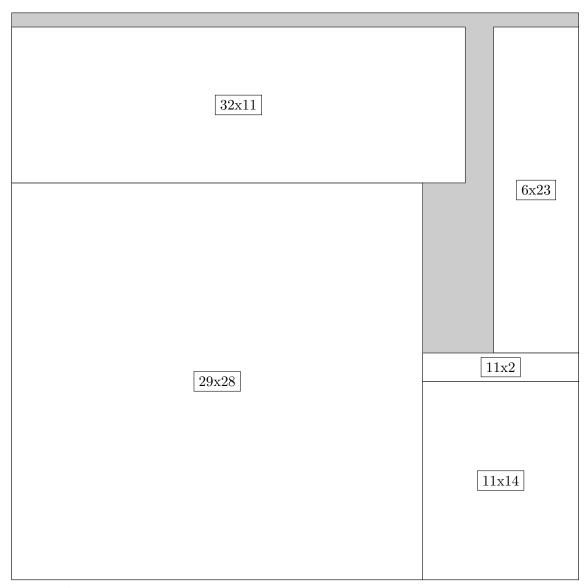
LBWithCut: $\underline{\mathbf{6}}$ NodeCut: $\underline{\mathbf{0}}$

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

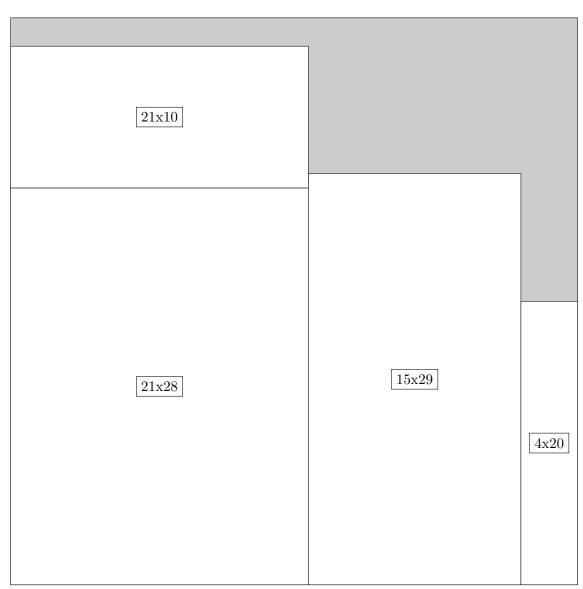
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{48}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{43}}$ PricingSolverCnt: $\underline{\mathbf{43}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

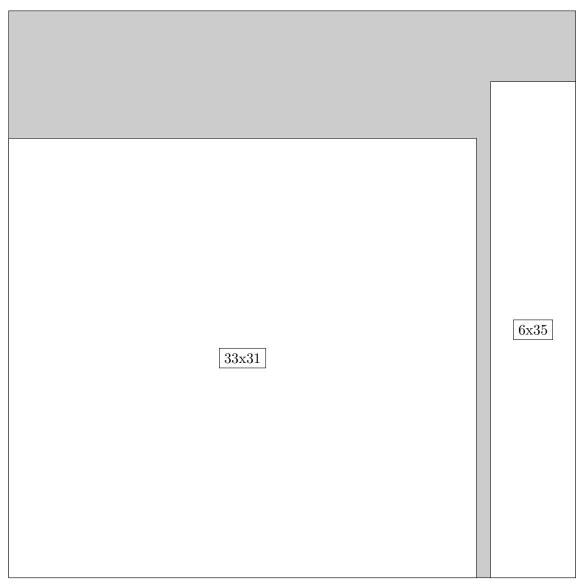
TimeOnPrimal: 0.000 sTimeOnPricing: 2.242 sTimeOnRmp: 0.088 sTotalTime: 2.407 s



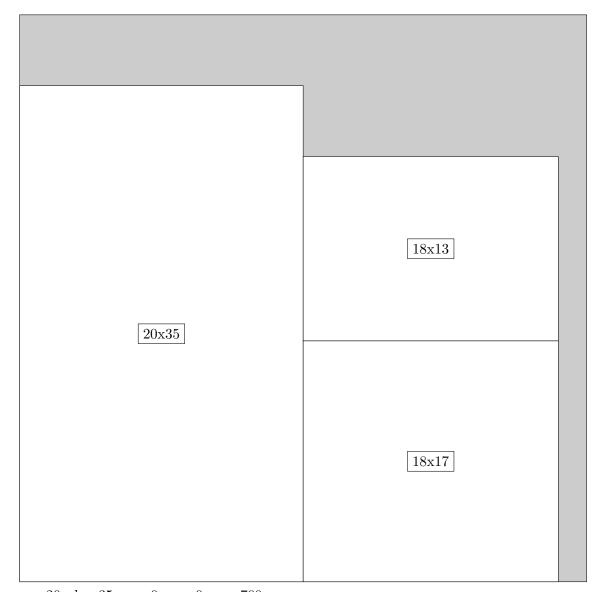
$$\begin{array}{l} w=29 \ , \ h=28 \ , \ x=0 \ , \ y=0 \ , \ v=812 \\ w=32 \ , \ h=11 \ , \ x=0 \ , \ y=28 \ , \ v=352 \\ w=11 \ , \ h=14 \ , \ x=29 \ , \ y=0 \ , \ v=154 \\ w=6 \ , \ h=23 \ , \ x=34 \ , \ y=16 \ , \ v=138 \\ w=11 \ , \ h=2 \ , \ x=29 \ , \ y=14 \ , \ v=22 \end{array}$$



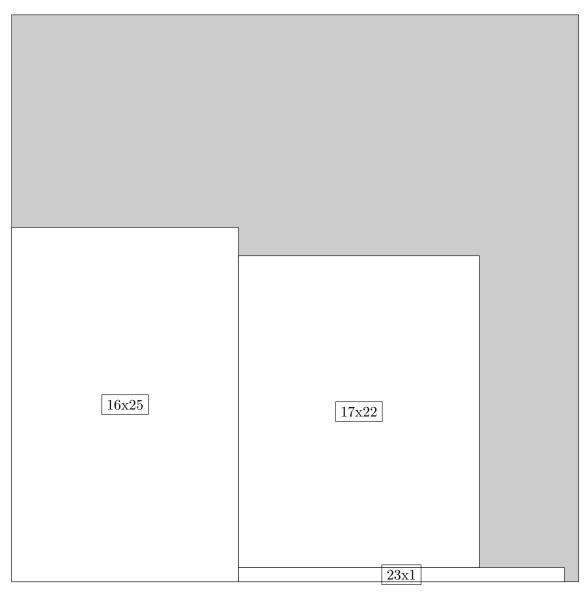
$$\begin{array}{l} w = 21 \ , \ h = 28 \ , \ x = 0 \ , \ y = 0 \ , \ v = 588 \\ w = 15 \ , \ h = 29 \ , \ x = 21 \ , \ y = 0 \ , \ v = 435 \\ w = 21 \ , \ h = 10 \ , \ x = 0 \ , \ y = 28 \ , \ v = 210 \\ w = 4 \ , \ h = 20 \ , \ x = 36 \ , \ y = 0 \ , \ v = 80 \end{array}$$



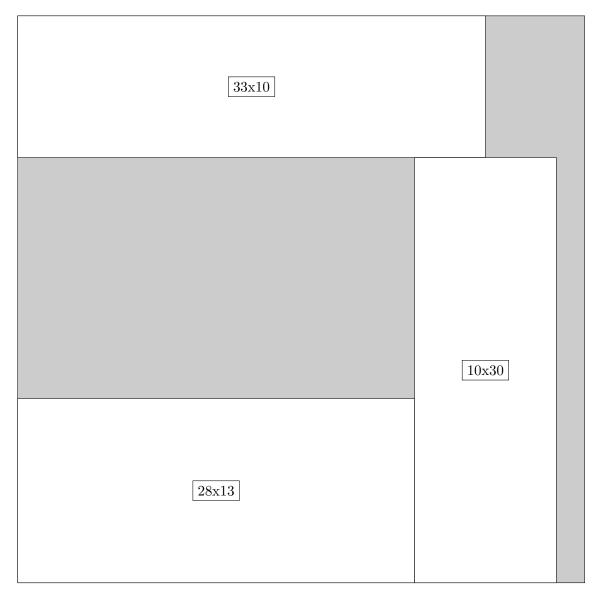
w =6, h =35, x =34, y =0, v =210 w =33, h =31, x =0, y =0, v =1023



$$\begin{array}{l} w = \! 18 \ , \ h = \! 17 \ , \ x = \! 20 \ , \ y = \! 0 \ , \ v = \! 306 \\ w = \! 18 \ , \ h = \! 13 \ , \ x = \! 20 \ , \ y = \! 17 \ , \ v = \! 234 \end{array}$$



$$\begin{array}{l} w = \! 16 \ , \, h = \! 25 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 400 \\ w = \! 17 \ , \, h = \! 22 \ , \, x = \! 16 \ , \, y = \! 1 \ , \, v = \! 374 \\ w = \! 23 \ , \, h = \! 1 \ , \, x = \! 16 \ , \, y = \! 0 \ , \, v = \! 23 \end{array}$$



$$\begin{array}{l} w = 28 \ , \ h = 13 \ , \ x = 0 \ , \ y = 0 \ , \ v = 364 \\ w = 33 \ , \ h = 10 \ , \ x = 0 \ , \ y = 30 \ , \ v = 330 \\ w = 10 \ , \ h = 30 \ , \ x = 28 \ , \ y = 0 \ , \ v = 300 \end{array}$$