ClassName: $Class_03.2bp-3$

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

TypeNum: <u>20</u> Num: <u>20</u> OutS: <u>6400</u> InS: <u>4964</u> Rate: <u>0.776</u>

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

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

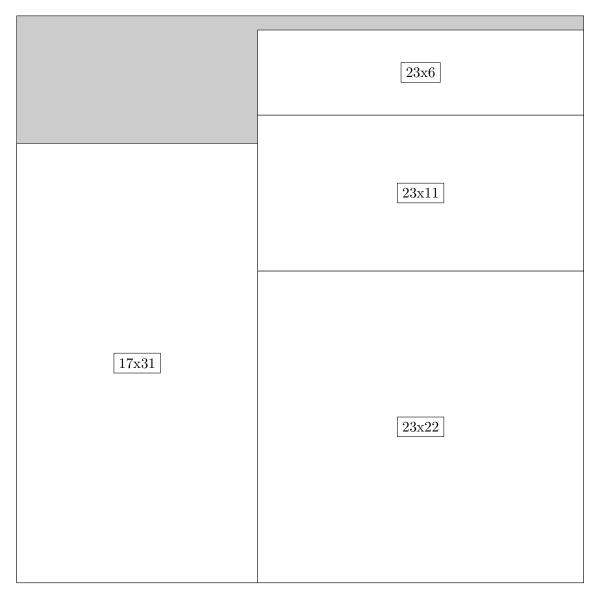
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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: 0.047 sTotalTime: 600.297 s

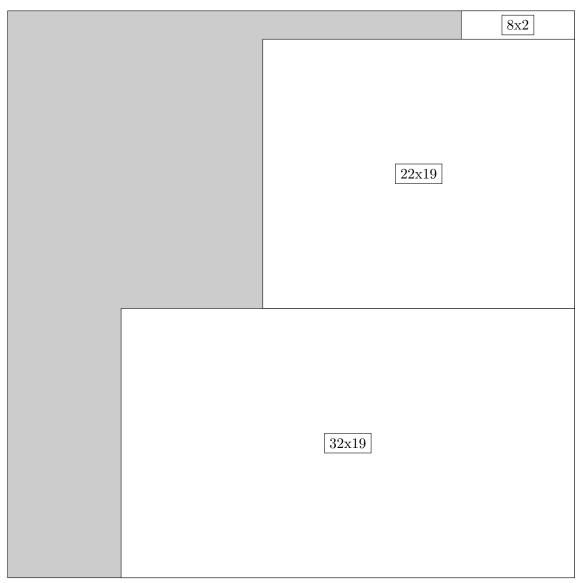


$$\le 23$$
 , ≤ 22 , ≤ 17 , ≤ 10 , ≤ 100 , ≤ 100 , ≤ 100

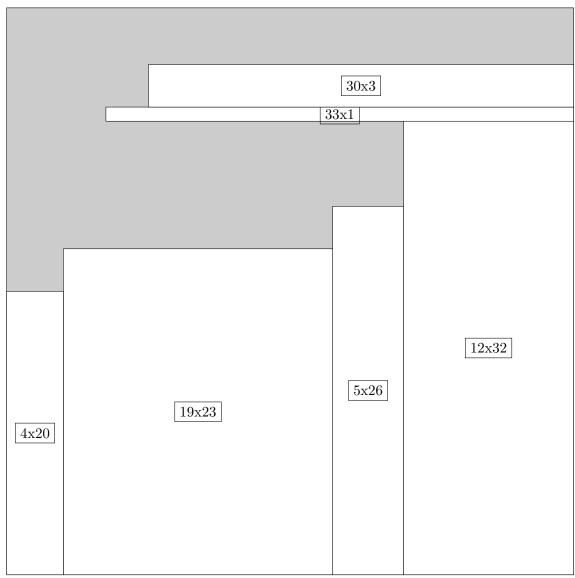
$$\le =23$$
 , h =11 , x =17 , y =22 , v =253

$$\le =23$$
 , h =6 , x =17 , y =33 , v =138

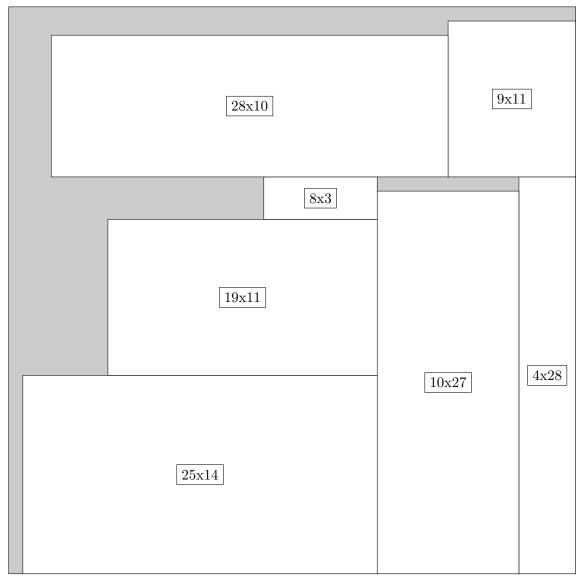
$$\mathbf{w}$$
 =17 , h =31 , x =0 , y =0 , v =527



 $\begin{array}{l} w = & 32 \ , \ h = & 19 \ , \ x = & 8 \ , \ y = & 0 \ , \ v = & 608 \\ w = & 22 \ , \ h = & 19 \ , \ x = & 18 \ , \ y = & 19 \ , \ v = & 418 \\ w = & 8 \ , \ h = & 2 \ , \ x = & 32 \ , \ y = & 38 \ , \ v = & 16 \end{array}$



 $\begin{array}{l} w = & 12 \;,\; h = & 32 \;,\; x = & 28 \;,\; y = & 0 \;,\; v = & 384 \\ w = & 5 \;,\; h = & 26 \;,\; x = & 23 \;,\; y = & 0 \;,\; v = & 130 \\ w = & 19 \;,\; h = & 23 \;,\; x = & 4 \;,\; y = & 0 \;,\; v = & 437 \\ w = & 4 \;,\; h = & 20 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 80 \\ w = & 33 \;,\; h = & 1 \;,\; x = & 7 \;,\; y = & 32 \;,\; v = & 33 \\ w = & 30 \;,\; h = & 3 \;,\; x = & 10 \;,\; y = & 33 \;,\; v = & 90 \end{array}$



$$\begin{array}{l} w=4\ ,\, h=28\ ,\, x=36\ ,\, y=0\ ,\, v=112\\ w=10\ ,\, h=27\ ,\, x=26\ ,\, y=0\ ,\, v=270\\ w=25\ ,\, h=14\ ,\, x=1\ ,\, y=0\ ,\, v=350\\ w=19\ ,\, h=11\ ,\, x=7\ ,\, y=14\ ,\, v=209\\ w=8\ ,\, h=3\ ,\, x=18\ ,\, y=25\ ,\, v=24\\ w=9\ ,\, h=11\ ,\, x=31\ ,\, y=28\ ,\, v=99\\ w=28\ ,\, h=10\ ,\, x=3\ ,\, y=28\ ,\, v=280\\ \end{array}$$