ClassName: $Class_03.2bp-7$

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

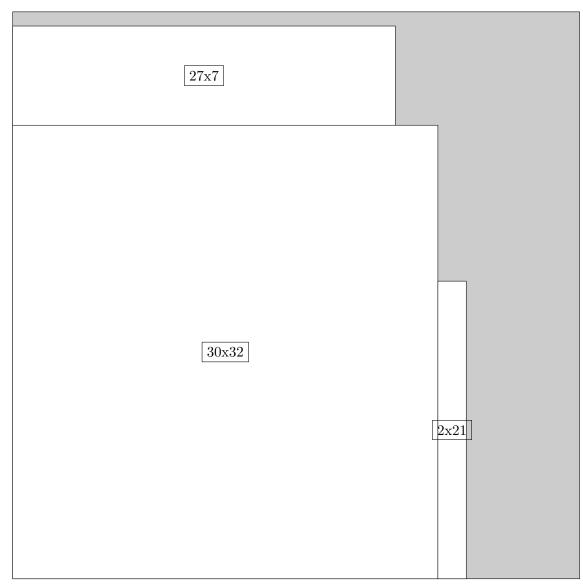
TypeNum: <u>20</u>
Num: <u>20</u>
OutS: <u>6400</u>
InS: <u>5159</u>
Rate: <u>0.806</u>

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

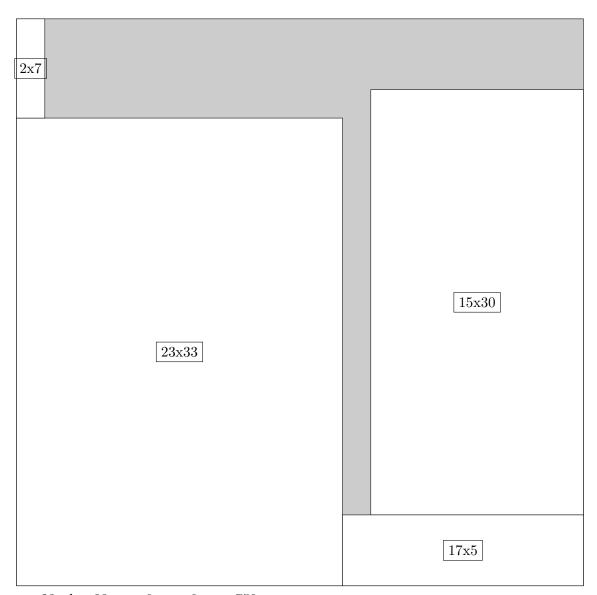
LBWithCut: $\underline{\mathbf{4}}$ NodeCut: $\underline{\mathbf{0}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{4}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$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

isOpt: **true**

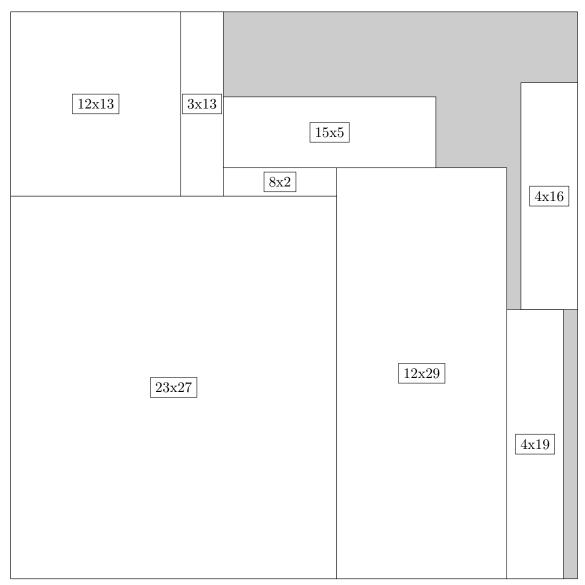
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 0.125 s



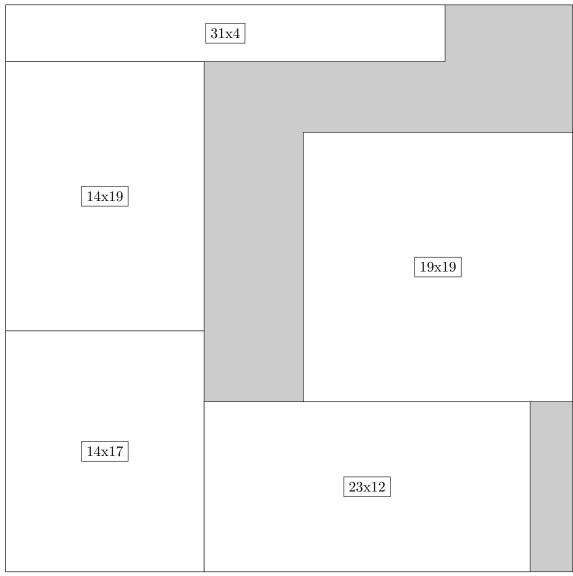
$$\begin{array}{l} w = & 30 \ , \ h = & 32 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 960 \\ w = & 27 \ , \ h = & 7 \ , \ x = & 0 \ , \ y = & 32 \ , \ v = & 189 \\ w = & 2 \ , \ h = & 21 \ , \ x = & 30 \ , \ y = & 0 \ , \ v = & 42 \end{array}$$



$$\begin{array}{l} w = 23 \ , \ h = 33 \ , \ x = 0 \ , \ y = 0 \ , \ v = 759 \\ w = 15 \ , \ h = 30 \ , \ x = 25 \ , \ y = 5 \ , \ v = 450 \\ w = 17 \ , \ h = 5 \ , \ x = 23 \ , \ y = 0 \ , \ v = 85 \\ w = 2 \ , \ h = 7 \ , \ x = 0 \ , \ y = 33 \ , \ v = 14 \end{array}$$



$$\begin{array}{l} w=23\;,\; h=27\;,\; x=0\;,\; y=0\;,\; v=621\\ w=12\;,\; h=29\;,\; x=23\;,\; y=0\;,\; v=348\\ w=12\;,\; h=13\;,\; x=0\;,\; y=27\;,\; v=156\\ w=4\;,\; h=19\;,\; x=35\;,\; y=0\;,\; v=76\\ w=15\;,\; h=5\;,\; x=15\;,\; y=29\;,\; v=75\\ w=4\;,\; h=16\;,\; x=36\;,\; y=19\;,\; v=64\\ w=3\;,\; h=13\;,\; x=12\;,\; y=27\;,\; v=39\\ w=8\;,\; h=2\;,\; x=15\;,\; y=27\;,\; v=16 \end{array}$$



$$\le =14$$
 , $h=17$, $x=0$, $y=0$, $v=238$

$$\le =23$$
 , h =12 , x =14 , y =0 , v =276

$$\mathbf{w}$$
 =19 , h =19 , x =21 , y =12 , v =361

$$w = 31$$
, $h = 4$, $x = 0$, $y = 36$, $v = 124$