$ClassName: \ Class_03.2bp\text{-}16$

BinSize: 40×40 ReduceSize: 40×40

TypeNum: 39 Num: **40** OutS: 12800InS: 11621Rate: $\underline{0.908}$

UB: **8** LB0: **8** LB: 8

LBWithCut: 8 NodeCut: **0**

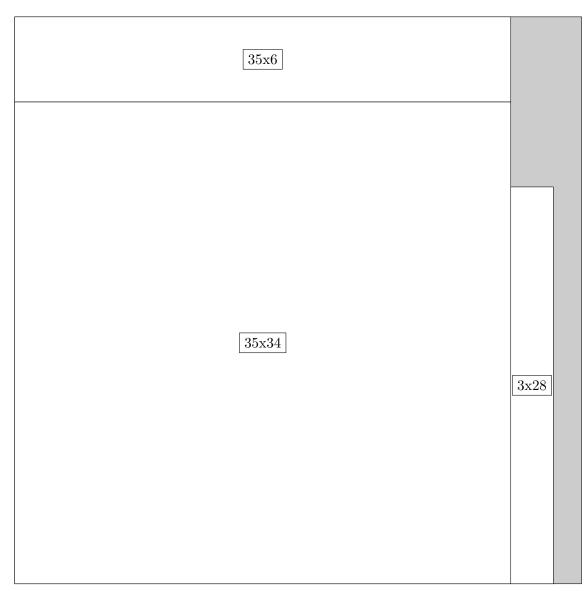
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\mathbf{1}$ PrimalNode: $\mathbf{0}$ ColumnCount: 8 $TotalCutCount: \ \mathbf{0}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\mathbf{0}$

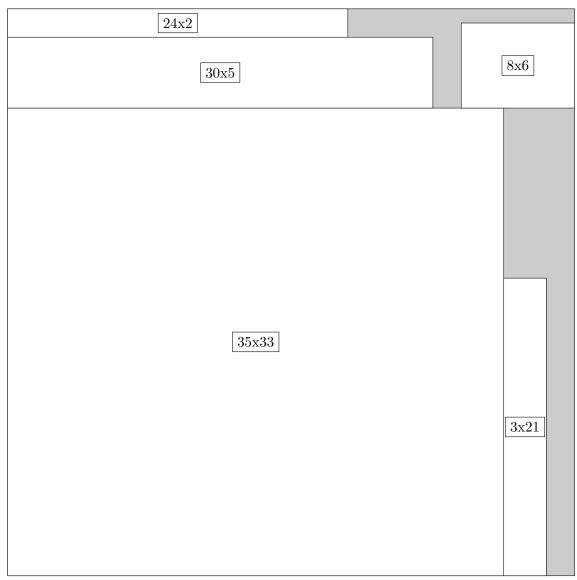
BranchAndBoundNum: $\underline{\mathbf{1}}$

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

TimeOnInitSolution: $\underline{0.040 \text{ s}}$ TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 0.165 s



$$\begin{array}{l} w = \! 35 \; , \; h = \! 34 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 1190 \\ w = \! 35 \; , \; h = \! 6 \; , \; x = \! 0 \; , \; y = \! 34 \; , \; v = \! 210 \\ w = \! 3 \; , \; h = \! 28 \; , \; x = \! 35 \; , \; y = \! 0 \; , \; v = \! 84 \end{array}$$



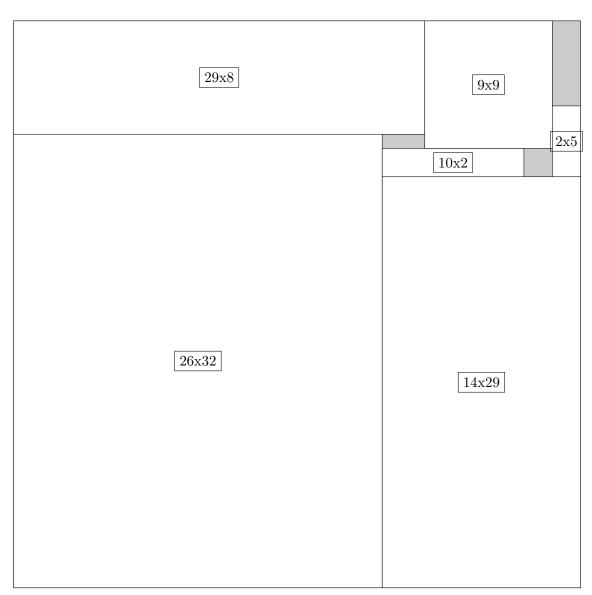
$$\le =35$$
 , h =33 , x =0 , y =0 , v =1155

$$\le =30$$
 , h =5 , x =0 , y =33 , v =150

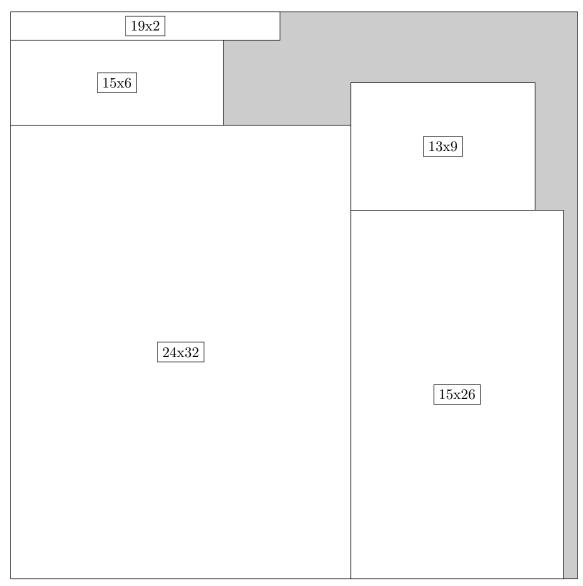
$$\mathbf{w}$$
 =3 , h =21 , x =35 , y =0 , v =63

$$\le =24$$
 , $h=2$, $x=0$, $y=38$, $v=48$

$$w = 8$$
, $h = 6$, $x = 32$, $y = 33$, $v = 48$



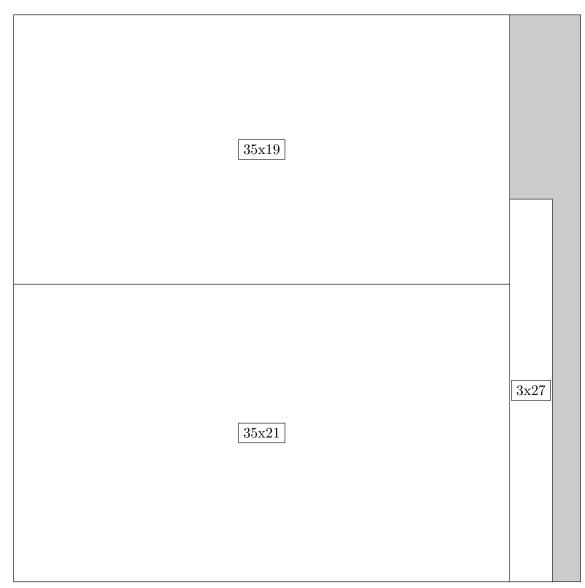
$$\begin{array}{l} w = 26 \; , \; h = 32 \; , \; x = 0 \; , \; y = 0 \; , \; v = 832 \\ w = 14 \; , \; h = 29 \; , \; x = 26 \; , \; y = 0 \; , \; v = 406 \\ w = 29 \; , \; h = 8 \; , \; x = 0 \; , \; y = 32 \; , \; v = 232 \\ w = 9 \; , \; h = 9 \; , \; x = 29 \; , \; y = 31 \; , \; v = 81 \\ w = 10 \; , \; h = 2 \; , \; x = 26 \; , \; y = 29 \; , \; v = 20 \\ w = 2 \; , \; h = 5 \; , \; x = 38 \; , \; y = 29 \; , \; v = 10 \end{array}$$



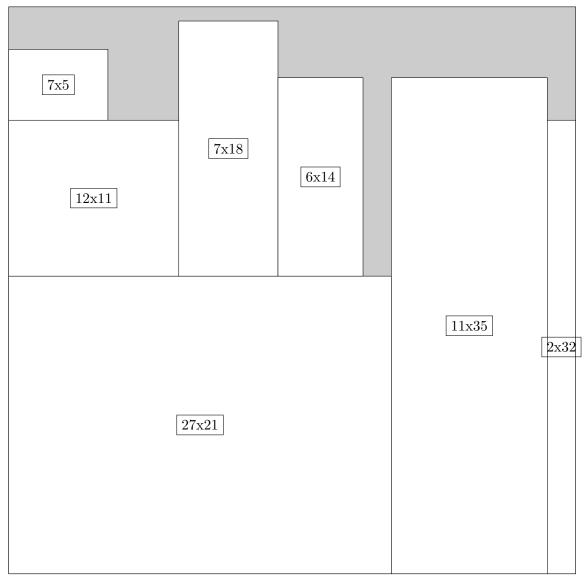
$$\begin{array}{l} w = 24 \ , \ h = 32 \ , \ x = 0 \ , \ y = 0 \ , \ v = 768 \\ w = 15 \ , \ h = 26 \ , \ x = 24 \ , \ y = 0 \ , \ v = 390 \end{array}$$

$$w = 13$$
, $h = 9$, $x = 24$, $y = 20$, $v = 11$
 $w = 15$, $h = 6$, $x = 0$, $y = 32$, $v = 90$

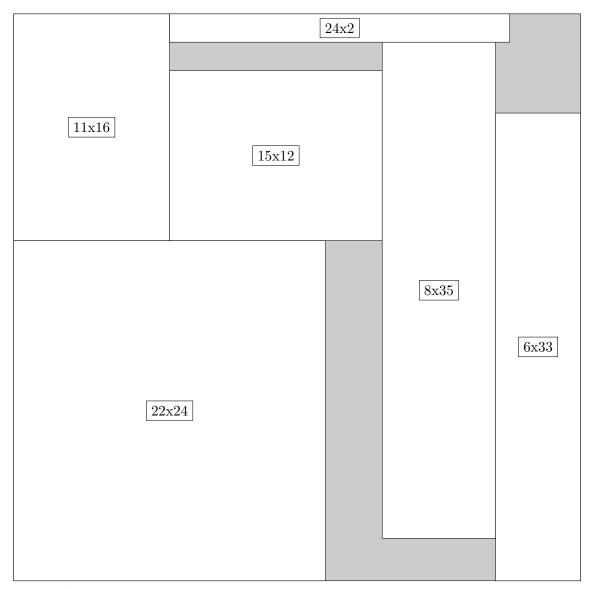
$$w = 19$$
, $h = 0$, $x = 0$, $y = 32$, $v = 30$
 $w = 19$, $h = 2$, $x = 0$, $y = 38$, $v = 38$



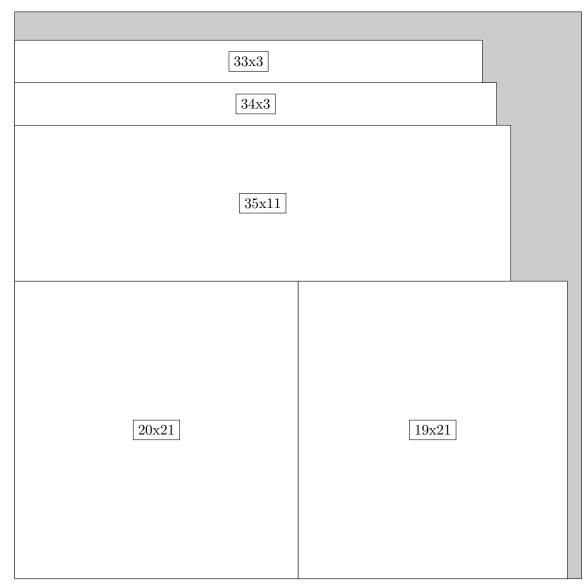
$$\begin{array}{l} w = \! 35 \ , \ h = \! 21 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 735 \\ w = \! 35 \ , \ h = \! 19 \ , \ x = \! 0 \ , \ y = \! 21 \ , \ v = \! 665 \\ w = \! 3 \ , \ h = \! 27 \ , \ x = \! 35 \ , \ y = \! 0 \ , \ v = \! 81 \end{array}$$



 $\begin{array}{l} w=27\;,\; h=21\;,\; x=0\;,\; y=0\;,\; v=567\\ w=11\;,\; h=35\;,\; x=27\;,\; y=0\;,\; v=385\\ w=12\;,\; h=11\;,\; x=0\;,\; y=21\;,\; v=132\\ w=7\;,\; h=18\;,\; x=12\;,\; y=21\;,\; v=126\\ w=6\;,\; h=14\;,\; x=19\;,\; y=21\;,\; v=84\\ w=2\;,\; h=32\;,\; x=38\;,\; y=0\;,\; v=64\\ w=7\;,\; h=5\;,\; x=0\;,\; y=32\;,\; v=35 \end{array}$



$$\begin{array}{l} w=22\;,\; h=24\;,\; x=0\;,\; y=0\;,\; v=528\\ w=6\;,\; h=33\;,\; x=34\;,\; y=0\;,\; v=198\\ w=15\;,\; h=12\;,\; x=11\;,\; y=24\;,\; v=180\\ w=11\;,\; h=16\;,\; x=0\;,\; y=24\;,\; v=176\\ w=8\;,\; h=35\;,\; x=26\;,\; y=3\;,\; v=280\\ w=24\;,\; h=2\;,\; x=11\;,\; y=38\;,\; v=48 \end{array}$$



$$\begin{array}{l} w = 20 \ , \ h = \!\! 21 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 420 \\ w = \!\! 19 \ , \ h = \!\! 21 \ , \ x = \!\! 20 \ , \ y = \!\! 0 \ , \ v = \!\! 399 \end{array}$$

$$w = 35$$
, $h = 11$, $x = 0$, $y = 21$, $v = 385$

$$w = 34$$
, $h = 3$, $x = 0$, $y = 32$, $v = 102$

$$w = 33$$
, $h = 3$, $x = 0$, $y = 35$, $v = 99$