${\bf ClassName:}\ {\bf Class_03.2bp\text{-}18}$

BinSize: $\underline{40 \times 40}$ ReduceSize: $\underline{40 \times 40}$

TypeNum: $\underline{39}$ Num: $\underline{40}$ OutS: $\underline{12800}$ InS: $\underline{10710}$ Rate: $\underline{0.837}$

UB: <u>8</u> LB0: <u>7</u> LB: 8

LBWithCut: $\underline{\mathbf{8}}$ NodeCut: $\underline{\mathbf{0}}$

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

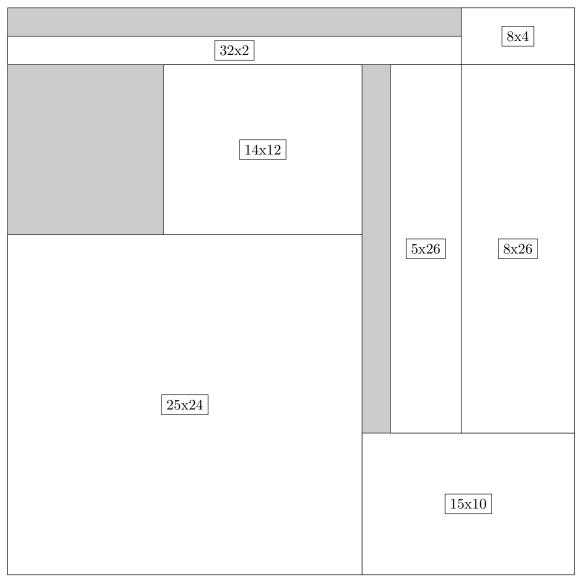
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{146}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{139}}$ PricingSolverCnt: $\underline{\mathbf{139}}$

BranchAndBoundNum: 1

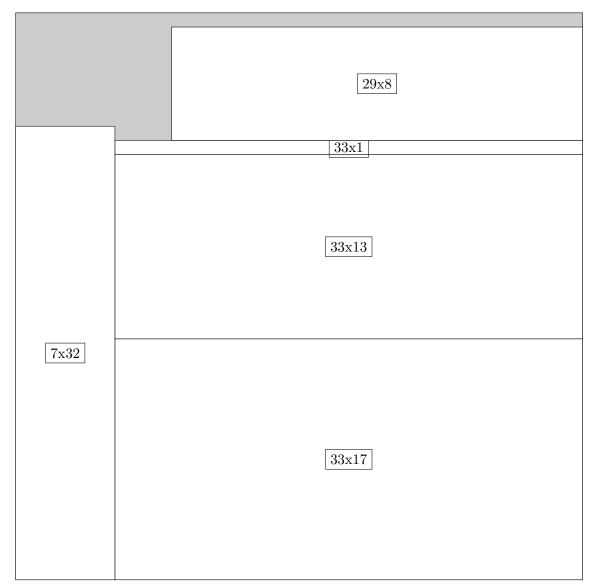
is Opt: $\underline{\mathbf{true}}$

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

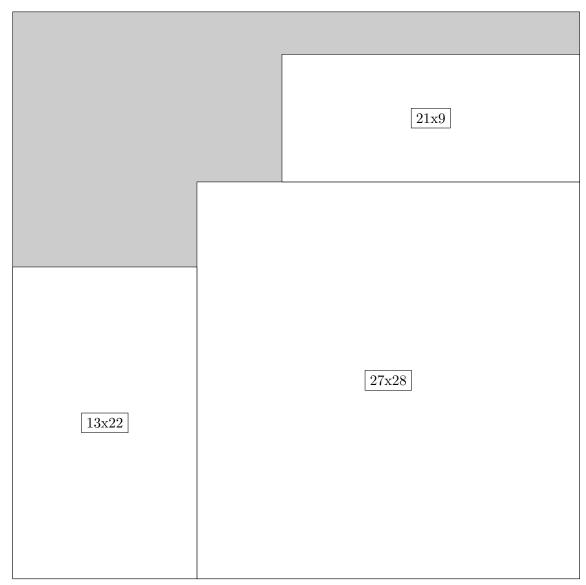
TimeOnPrimal: 0.000 sTimeOnPricing: 103.629 sTimeOnRmp: 0.180 sTotalTime: 704.095 s



$$\begin{array}{l} w = \! 15 \; , \; h = \! 10 \; , \; x = \! 25 \; , \; y = \! 0 \; , \; v = \! 150 \\ w = \! 8 \; , \; h = \! 26 \; , \; x = \! 32 \; , \; y = \! 10 \; , \; v = \! 208 \\ w = \! 5 \; , \; h = \! 26 \; , \; x = \! 27 \; , \; y = \! 10 \; , \; v = \! 130 \\ w = \! 25 \; , \; h = \! 24 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 600 \\ w = \! 14 \; , \; h = \! 12 \; , \; x = \! 11 \; , \; y = \! 24 \; , \; v = \! 168 \\ w = \! 8 \; , \; h = \! 4 \; , \; x = \! 32 \; , \; y = \! 36 \; , \; v = \! 32 \\ w = \! 32 \; , \; h = \! 2 \; , \; x = \! 0 \; , \; y = \! 36 \; , \; v = \! 64 \end{array}$$



$$\begin{array}{l} w = \! 33 \; , \; h = \! 17 \; , \; x = \! 7 \; , \; y = \! 0 \; , \; v = \! 561 \\ w = \! 33 \; , \; h = \! 13 \; , \; x = \! 7 \; , \; y = \! 17 \; , \; v = \! 429 \\ w = \! 33 \; , \; h = \! 1 \; , \; x = \! 7 \; , \; y = \! 30 \; , \; v = \! 33 \\ w = \! 29 \; , \; h = \! 8 \; , \; x = \! 11 \; , \; y = \! 31 \; , \; v = \! 232 \\ w = \! 7 \; , \; h = \! 32 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 224 \end{array}$$



$$\begin{array}{l} w = \! 27 \; , \; h = \! 28 \; , \; x = \! 13 \; , \; y = \! 0 \; , \; v = \! 756 \\ w = \! 21 \; , \; h = \! 9 \; , \; x = \! 19 \; , \; y = \! 28 \; , \; v = \! 189 \\ w = \! 13 \; , \; h = \! 22 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 286 \end{array}$$

		23x5
11x2 15x31	11x2 11x31	$\boxed{14\text{x}33}$

$$w = 14$$
, $h = 33$, $x = 26$, $y = 0$, $v = 462$

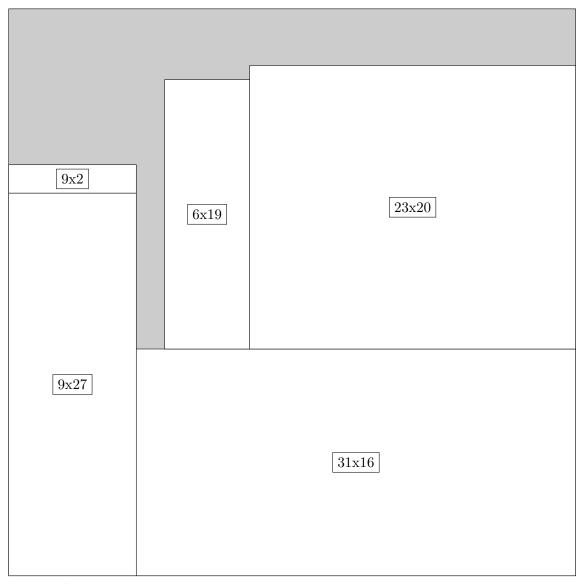
$$\mathbf{w}$$
 =11 , h =31 , x =15 , y =0 , v =341

$$w$$
 =11 , h =2 , x =15 , y =31 , v =22

$$\le =15$$
 , h =31 , x =0 , y =0 , v =465

$$w=\!11$$
 , $h=\!2$, $x=\!4$, $y=\!31$, $v=\!22$

$$\le =23$$
 , h =5 , x =17 , y =33 , v =115

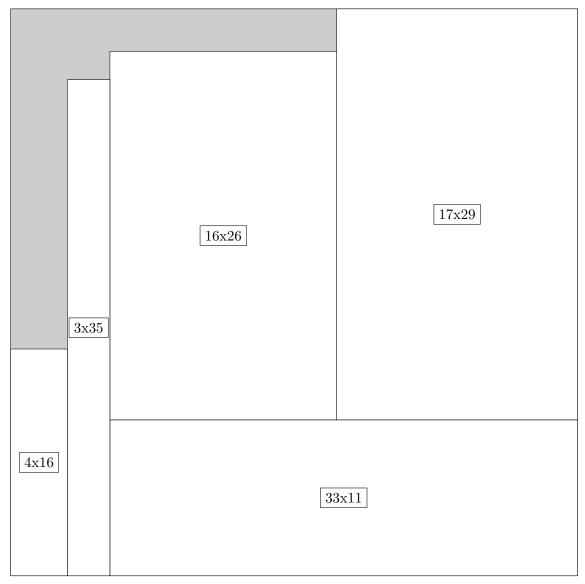


$$\begin{array}{l} w = \! 31 \ , \ h = \! 16 \ , \ x = \! 9 \ , \ y = \! 0 \ , \ v = \! 496 \\ w = \! 23 \ , \ h = \! 20 \ , \ x = \! 17 \ , \ y = \! 16 \ , \ v = \! 460 \end{array}$$

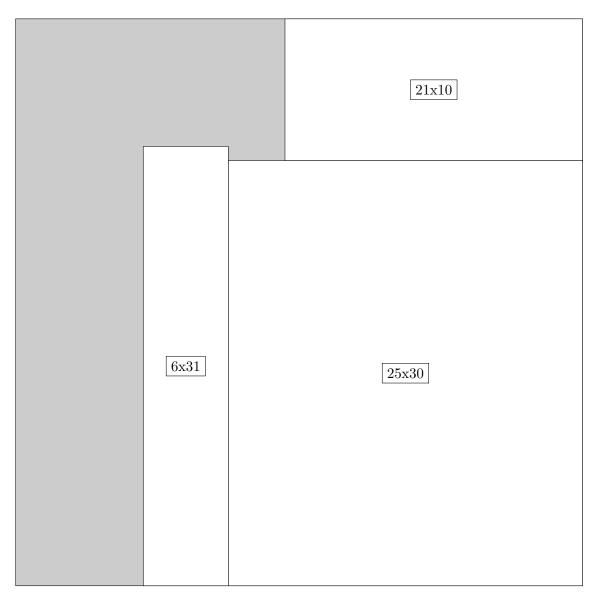
$$\mathbf{w}$$
 =6 , h =19 , x =11 , y =16 , v =114

$$w = 9$$
, $h = 27$, $x = 0$, $y = 0$, $v = 243$

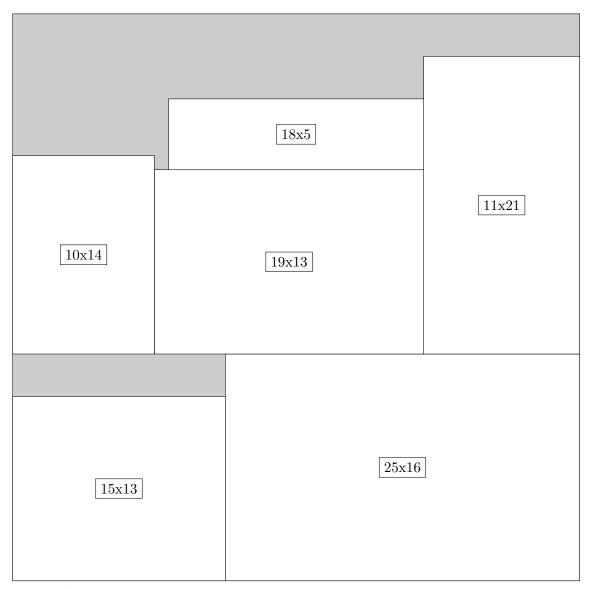
$$\mathbf{w}$$
 =9 , h =2 , x =0 , y =27 , v =18



$$\begin{array}{l} w = \! 33 \ , \ h = \! 11 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 363 \\ w = \! 17 \ , \ h = \! 29 \ , \ x = \! 23 \ , \ y = \! 11 \ , \ v = \! 493 \\ w = \! 16 \ , \ h = \! 26 \ , \ x = \! 7 \ , \ y = \! 11 \ , \ v = \! 416 \\ w = \! 3 \ , \ h = \! 35 \ , \ x = \! 4 \ , \ y = \! 0 \ , \ v = \! 105 \\ w = \! 4 \ , \ h = \! 16 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 64 \end{array}$$



 $\begin{array}{l} w = \! 25 \ , \ h = \! 30 \ , \ x = \! 15 \ , \ y = \! 0 \ , \ v = \! 750 \\ w = \! 21 \ , \ h = \! 10 \ , \ x = \! 19 \ , \ y = \! 30 \ , \ v = \! 210 \\ w = \! 6 \ , \ h = \! 31 \ , \ x = \! 9 \ , \ y = \! 0 \ , \ v = \! 186 \end{array}$



$$w$$
 =25 , h =16 , x =15 , y =0 , v =400

$$\le =15$$
 , h =13 , x =0 , y =0 , v =195

$$\le =11$$
 , h =21 , x =29 , y =16 , v =231

$$\le =19$$
 , h =13 , x =10 , y =16 , v =247

$$\le =18$$
 , h =5 , x =11 , y =29 , v =90

$$\mathbf{w}$$
 =10 , \mathbf{h} =14 , \mathbf{x} =0 , \mathbf{y} =16 , \mathbf{v} =140