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

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

TypeNum: $\underline{39}$ Num: $\underline{40}$ OutS: $\underline{11200}$ InS: $\underline{10710}$ Rate: $\underline{0.956}$

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

LBWithCut: $\underline{7}$ NodeCut: $\underline{0}$

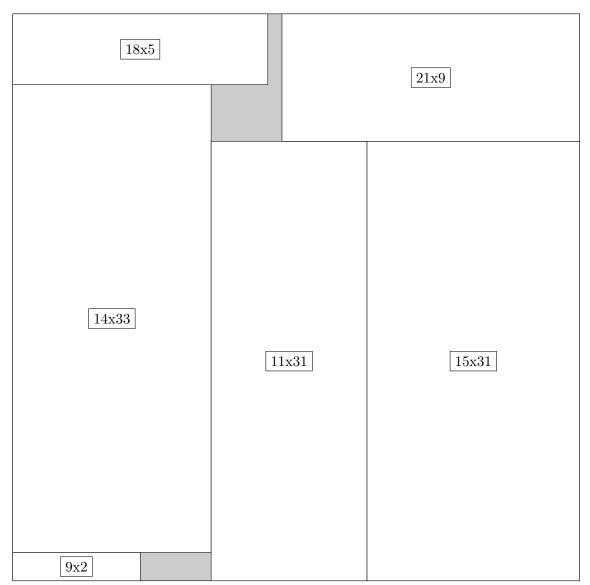
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{1}$ PrimalNode: $\underline{2}$ ColumnCount: $\underline{143}$ TotalCutCount: $\underline{196}$ RootCutCount: $\underline{196}$ LPSolverCnt: $\underline{210}$ PricingSolverCnt: $\underline{209}$ BranchAndBoundNum: $\underline{1}$

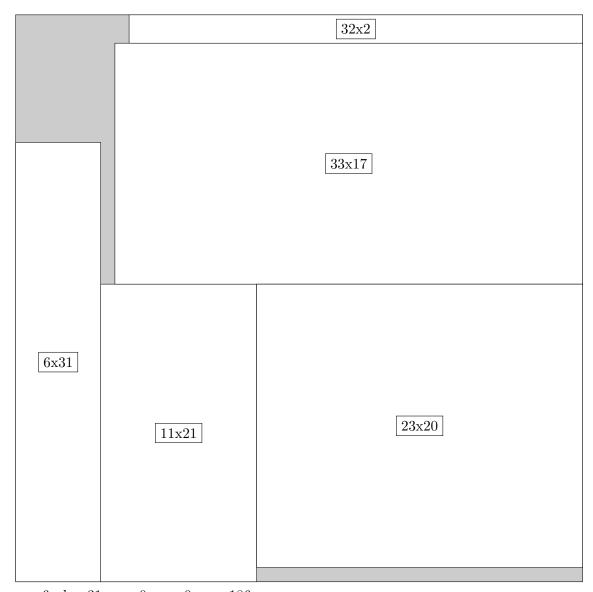
isOpt: $\underline{\mathbf{true}}$

TimeOnInitSolution: $\underline{120.010 \text{ s}}$

TimeOnPrimal: $\underline{62.720 \text{ s}}$ TimeOnPricing: $\underline{326.291 \text{ s}}$ TimeOnRmp: $\underline{0.182 \text{ s}}$ TotalTime: $\underline{446.836 \text{ s}}$



$$\begin{array}{l} w = \! 14 \; , \; h = \! 33 \; , \; x = \! 0 \; , \; y = \! 2 \; , \; v = \! 462 \\ w = \! 18 \; , \; h = \! 5 \; , \; x = \! 0 \; , \; y = \! 35 \; , \; v = \! 90 \\ w = \! 9 \; , \; h = \! 2 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 18 \\ w = \! 11 \; , \; h = \! 31 \; , \; x = \! 14 \; , \; y = \! 0 \; , \; v = \! 341 \\ w = \! 21 \; , \; h = \! 9 \; , \; x = \! 19 \; , \; y = \! 31 \; , \; v = \! 189 \\ w = \! 15 \; , \; h = \! 31 \; , \; x = \! 25 \; , \; y = \! 0 \; , \; v = \! 465 \end{array}$$

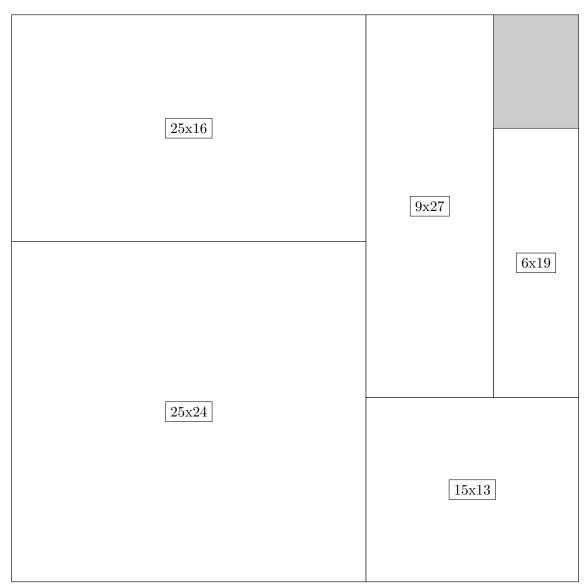


 $\begin{array}{l} w = 6 \ , \ h = \! 31 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 186 \\ w = \! 11 \ , \ h = \! 21 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 231 \end{array}$

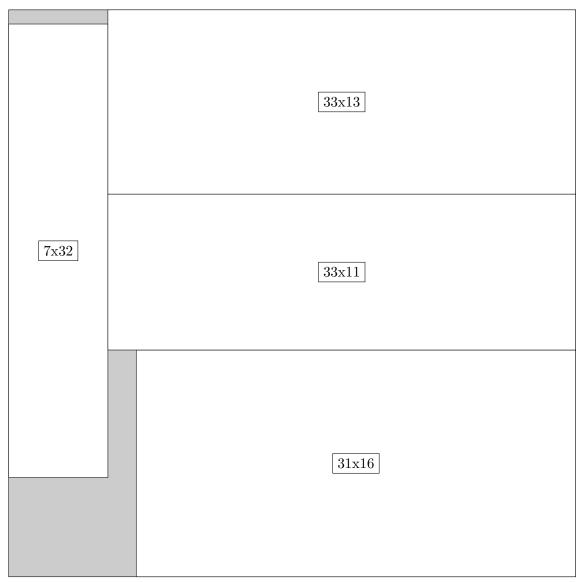
 $\le =33$, h =17 , x =7 , y =21 , v =561

w = 32, h = 2, x = 8, y = 38, v = 64

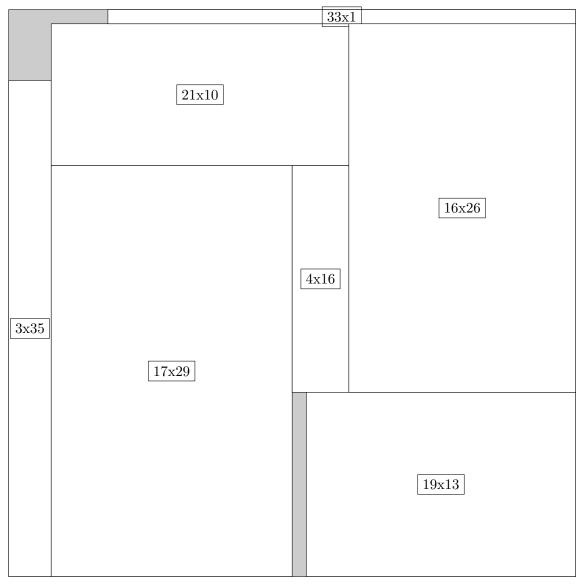
w =23, h =20, x =17, y =1, v =460



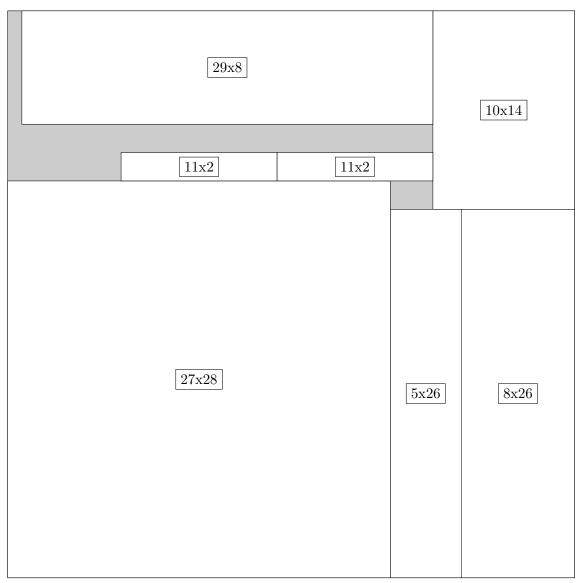
 $\begin{array}{l} w=25 \ , \ h=24 \ , \ x=0 \ , \ y=0 \ , \ v=600 \\ w=25 \ , \ h=16 \ , \ x=0 \ , \ y=24 \ , \ v=400 \\ w=9 \ , \ h=27 \ , \ x=25 \ , \ y=13 \ , \ v=243 \\ w=15 \ , \ h=13 \ , \ x=25 \ , \ y=0 \ , \ v=195 \\ w=6 \ , \ h=19 \ , \ x=34 \ , \ y=13 \ , \ v=114 \end{array}$



$$\begin{array}{l} w = & 31 \ , \ h = & 16 \ , \ x = & 9 \ , \ y = & 0 \ , \ v = & 496 \\ w = & 7 \ , \ h = & 32 \ , \ x = & 0 \ , \ y = & 7 \ , \ v = & 224 \\ w = & 33 \ , \ h = & 11 \ , \ x = & 7 \ , \ y = & 16 \ , \ v = & 363 \\ w = & 33 \ , \ h = & 13 \ , \ x = & 7 \ , \ y = & 27 \ , \ v = & 429 \end{array}$$



$$\begin{array}{l} w = 3 \ , \ h = 35 \ , \ x = 0 \ , \ y = 0 \ , \ v = 105 \\ w = 17 \ , \ h = 29 \ , \ x = 3 \ , \ y = 0 \ , \ v = 493 \\ w = 21 \ , \ h = 10 \ , \ x = 3 \ , \ y = 29 \ , \ v = 210 \\ w = 33 \ , \ h = 1 \ , \ x = 7 \ , \ y = 39 \ , \ v = 33 \\ w = 4 \ , \ h = 16 \ , \ x = 20 \ , \ y = 13 \ , \ v = 64 \\ w = 19 \ , \ h = 13 \ , \ x = 21 \ , \ y = 0 \ , \ v = 247 \\ w = 16 \ , \ h = 26 \ , \ x = 24 \ , \ y = 13 \ , \ v = 416 \end{array}$$



$$w = 27$$
, $h = 28$, $x = 0$, $y = 0$, $v = 756$

$$\le =8$$
 , h =26 , x =32 , y =0 , v =208

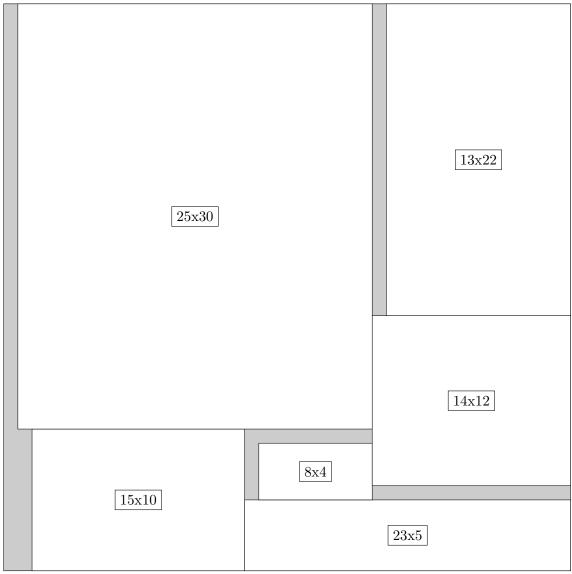
$$\le 5$$
 , h =
26 , x =
27 , y =
0 , v =
130

$$\mathbf{w}$$
 =10 , h =14 , x =30 , y =26 , v =140

$$\le =11$$
 , h =2 , x =19 , y =28 , v =22

$$\mathbf{w}$$
 =11 , h =2 , x =8 , y =28 , v =22

$$w$$
 =29 , h =8 , x =1 , y =32 , v =232



 $\begin{array}{l} w=23 \ , \ h=5 \ , \ x=17 \ , \ y=0 \ , \ v=115 \\ w=15 \ , \ h=10 \ , \ x=2 \ , \ y=0 \ , \ v=150 \\ w=8 \ , \ h=4 \ , \ x=18 \ , \ y=5 \ , \ v=32 \\ w=14 \ , \ h=12 \ , \ x=26 \ , \ y=6 \ , \ v=168 \\ w=25 \ , \ h=30 \ , \ x=1 \ , \ y=10 \ , \ v=750 \\ w=13 \ , \ h=22 \ , \ x=27 \ , \ y=18 \ , \ v=286 \end{array}$