$ClassName: \ Class_03.2bp\text{-}15$

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

TypeNum: <u>38</u> Num: <u>40</u> OutS: <u>16000</u> InS: <u>11156</u> Rate: <u>0.697</u> UB: <u>10</u> LB0: <u>10</u>

LB: $\underline{\mathbf{10}}$ LBWithCut: $\underline{\mathbf{10}}$ NodeCut: $\underline{\mathbf{0}}$

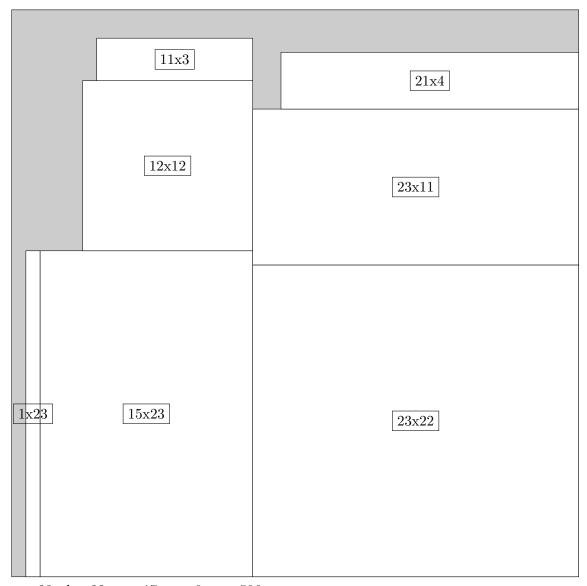
 $\operatorname{ExtendedNodeCnt}$: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{10}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

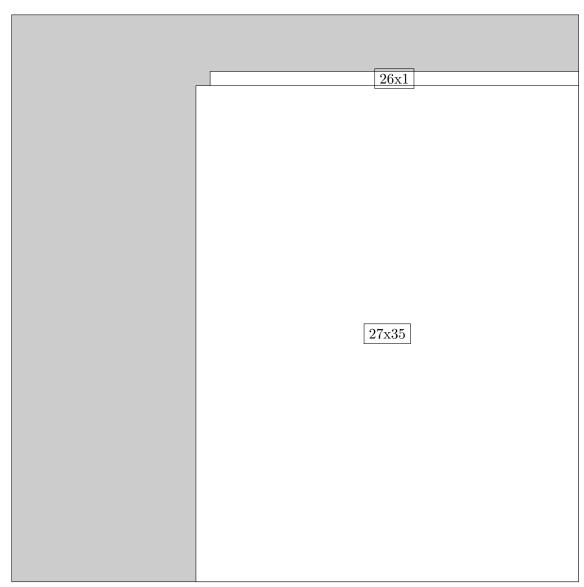
isOpt: $\underline{\mathbf{true}}$

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

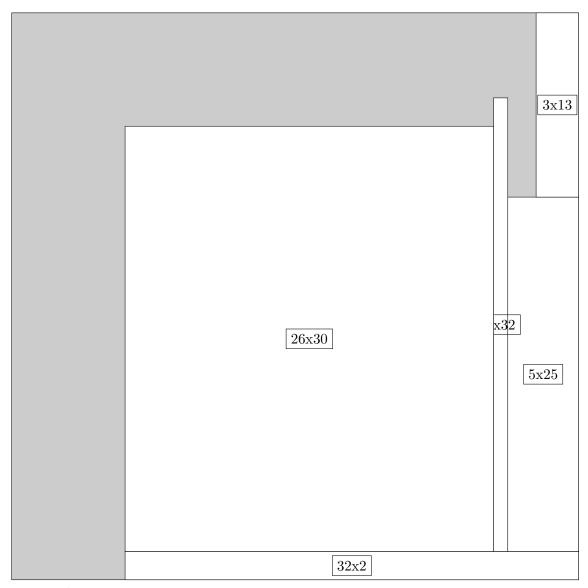
 $\begin{array}{ll} {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.062 \ s} \\ {\rm TotalTime:} \ 600.360 \ s \end{array}$



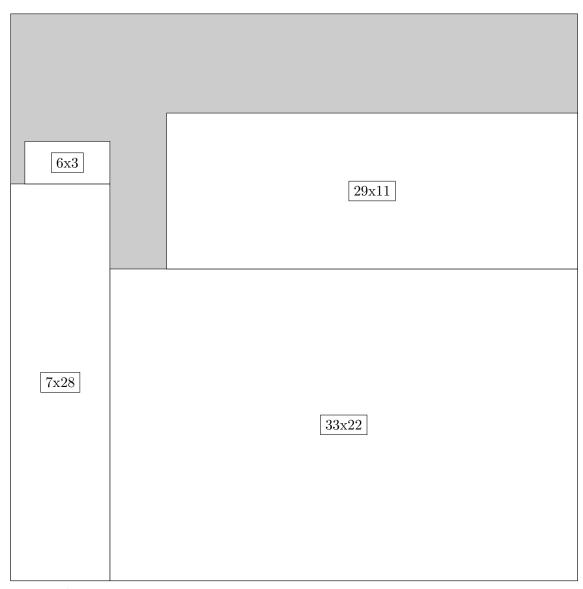
 $\begin{array}{l} w=23 \ , \ h=22 \ , \ x=17 \ , \ y=0 \ , \ v=506 \\ w=23 \ , \ h=11 \ , \ x=17 \ , \ y=22 \ , \ v=253 \\ w=21 \ , \ h=4 \ , \ x=19 \ , \ y=33 \ , \ v=84 \\ w=15 \ , \ h=23 \ , \ x=2 \ , \ y=0 \ , \ v=345 \\ w=1 \ , \ h=23 \ , \ x=1 \ , \ y=0 \ , \ v=23 \\ w=12 \ , \ h=12 \ , \ x=5 \ , \ y=23 \ , \ v=144 \\ w=11 \ , \ h=3 \ , \ x=6 \ , \ y=35 \ , \ v=33 \end{array}$



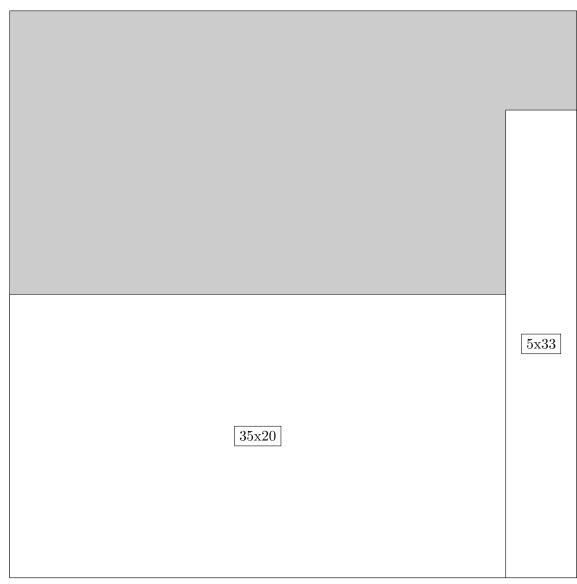
$$\begin{array}{l} w = 27 \ , \ h = \!\! 35 \ , \ x = \!\! 13 \ , \ y = \!\! 0 \ , \ v = \!\! 945 \\ w = \!\! 26 \ , \ h = \!\! 1 \ , \ x = \!\! 14 \ , \ y = \!\! 35 \ , \ v = \!\! 26 \end{array}$$



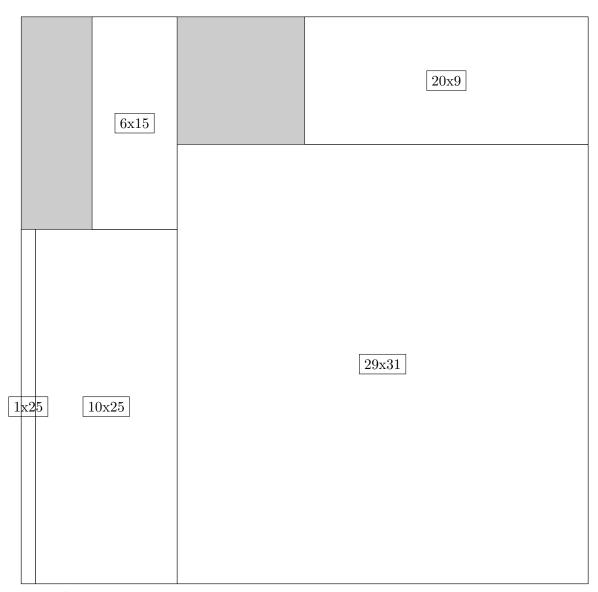
w =32, h =2, x =8, y =0, v =64 w =5, h =25, x =35, y =2, v =125 w =3, h =13, x =37, y =27, v =39 w =1, h =32, x =34, y =2, v =32 w =26, h =30, x =8, y =2, v =780



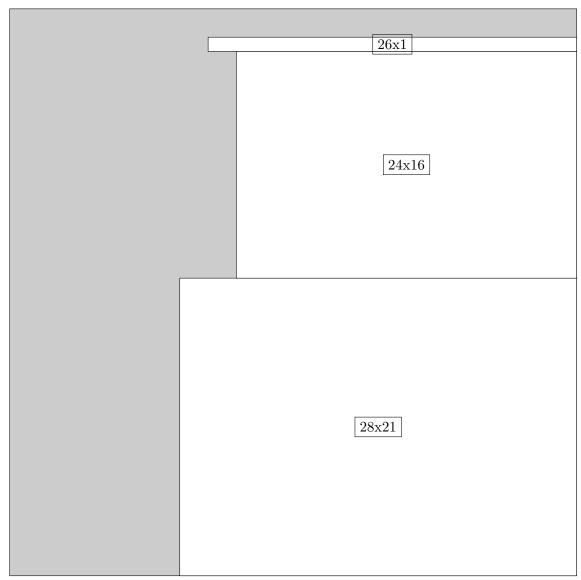
 $\begin{array}{l} w = \! 33 \ , \ h = \! 22 \ , \ x = \! 7 \ , \ y = \! 0 \ , \ v = \! 726 \\ w = \! 29 \ , \ h = \! 11 \ , \ x = \! 11 \ , \ y = \! 22 \ , \ v = \! 319 \\ w = \! 7 \ , \ h = \! 28 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 196 \\ w = \! 6 \ , \ h = \! 3 \ , \ x = \! 1 \ , \ y = \! 28 \ , \ v = \! 18 \end{array}$



$$\begin{array}{c} w = 5 \ , \ h = 33 \ , \ x = 35 \ , \ y = 0 \ , \ v = 165 \\ w = 35 \ , \ h = 20 \ , \ x = 0 \ , \ y = 0 \ , \ v = 700 \end{array}$$



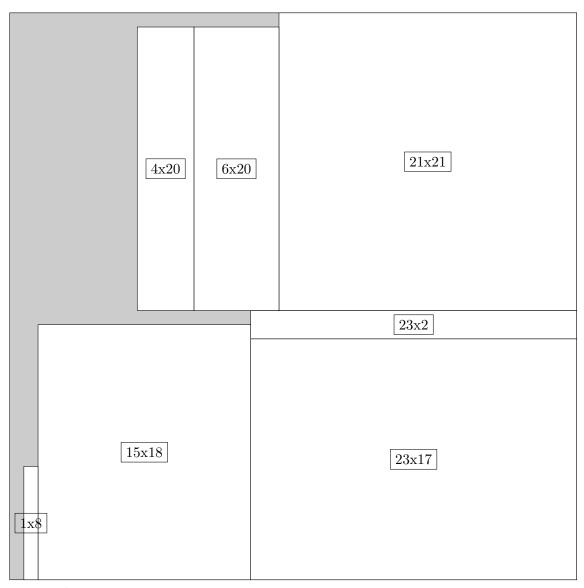
 $\begin{array}{l} w=29 \ , \ h=31 \ , \ x=11 \ , \ y=0 \ , \ v=899 \\ w=20 \ , \ h=9 \ , \ x=20 \ , \ y=31 \ , \ v=180 \\ w=10 \ , \ h=25 \ , \ x=1 \ , \ y=0 \ , \ v=250 \\ w=1 \ , \ h=25 \ , \ x=0 \ , \ y=0 \ , \ v=25 \\ w=6 \ , \ h=15 \ , \ x=5 \ , \ y=25 \ , \ v=90 \end{array}$



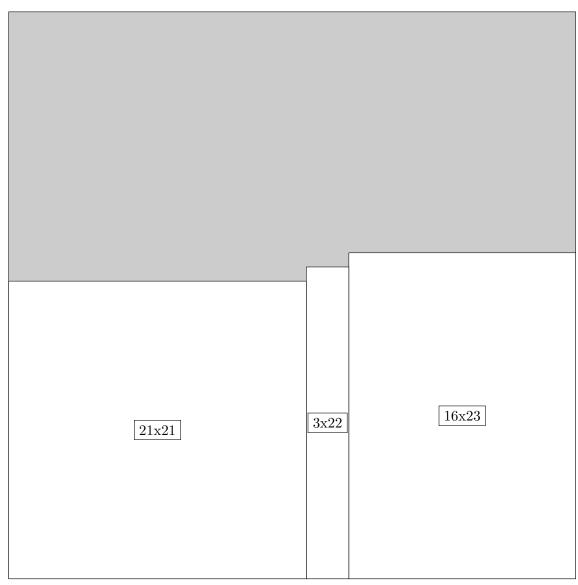
$$\le =28$$
 , h =21 , x =12 , y =0 , v =588

$$\le =24$$
 , h =16 , x =16 , y =21 , v =384

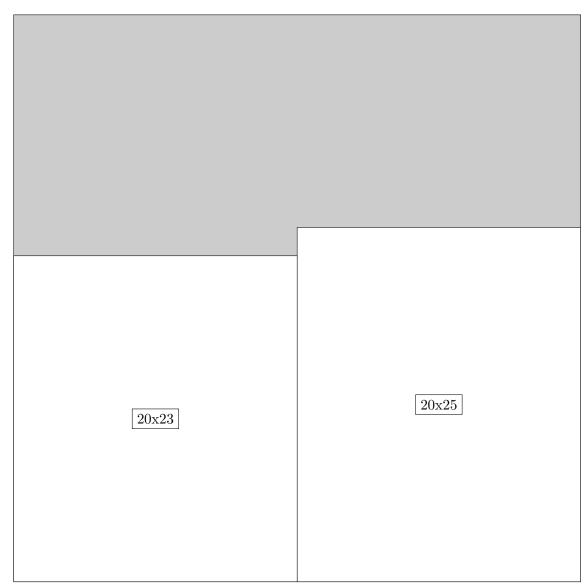
$$\le =26$$
 , h =1 , x =14 , y =37 , v =26



 $\begin{array}{l} w=23 \ , \ h=17 \ , \ x=17 \ , \ y=0 \ , \ v=391 \\ w=23 \ , \ h=2 \ , \ x=17 \ , \ y=17 \ , \ v=46 \\ w=15 \ , \ h=18 \ , \ x=2 \ , \ y=0 \ , \ v=270 \\ w=1 \ , \ h=8 \ , \ x=1 \ , \ y=0 \ , \ v=8 \\ w=21 \ , \ h=21 \ , \ x=19 \ , \ y=19 \ , \ v=441 \\ w=6 \ , \ h=20 \ , \ x=13 \ , \ y=19 \ , \ v=120 \\ w=4 \ , \ h=20 \ , \ x=9 \ , \ y=19 \ , \ v=80 \end{array}$



 $\begin{array}{l} w = \! 16 \ , \ h = \! 23 \ , \ x = \! 24 \ , \ y = \! 0 \ , \ v = \! 368 \\ w = \! 3 \ , \ h = \! 22 \ , \ x = \! 21 \ , \ y = \! 0 \ , \ v = \! 66 \\ w = \! 21 \ , \ h = \! 21 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 441 \end{array}$



$$\begin{array}{l} w = \! 20 \ , \, h = \! 25 \ , \, x = \! 20 \ , \, y = \! 0 \ , \, v = \! 500 \\ w = \! 20 \ , \, h = \! 23 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 460 \end{array}$$