$ClassName: \ Class_03.2bp-2$

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

TypeNum: <u>20</u> Num: <u>20</u> OutS: <u>9600</u> InS: <u>7055</u> Rate: <u>0.735</u>

UB: <u>6</u> LB0: <u>5</u> LB: **6**

LBWithCut: $\underline{\mathbf{6}}$ NodeCut: $\underline{\mathbf{0}}$

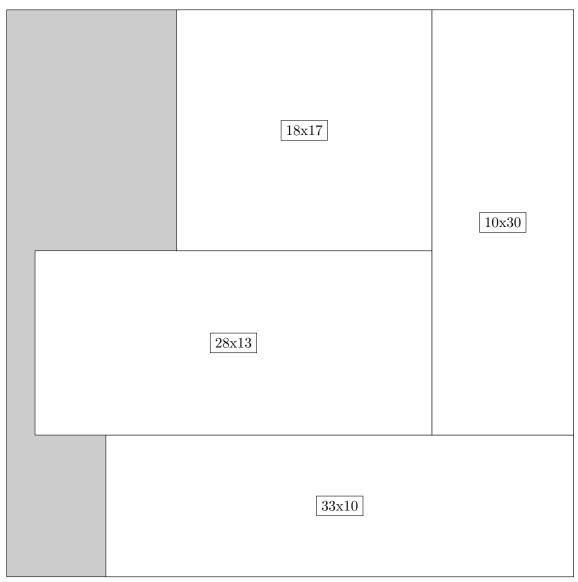
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{55}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{50}}$ PricingSolverCnt: $\underline{\mathbf{50}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

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

TimeOnPrimal: 0.000 sTimeOnPricing: 1.596 sTimeOnRmp: 0.091 sTotalTime: 601.984 s

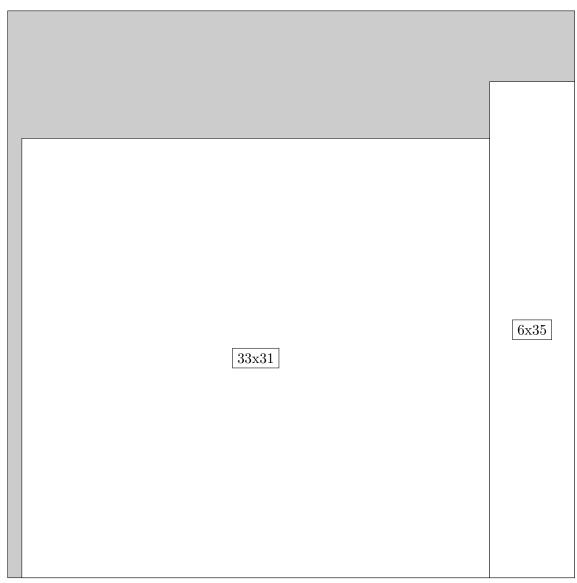


$$\le 33$$
 , h =10 , x =7 , y =0 , v =330

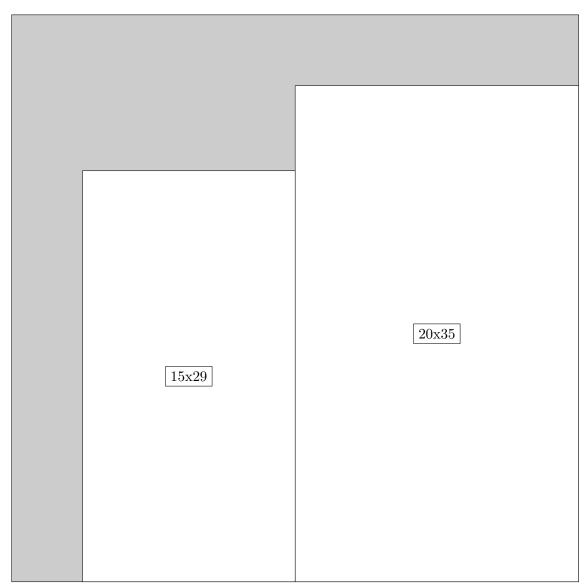
$$\le =10$$
 , $h=30$, $x=30$, $y=10$, $v=300$

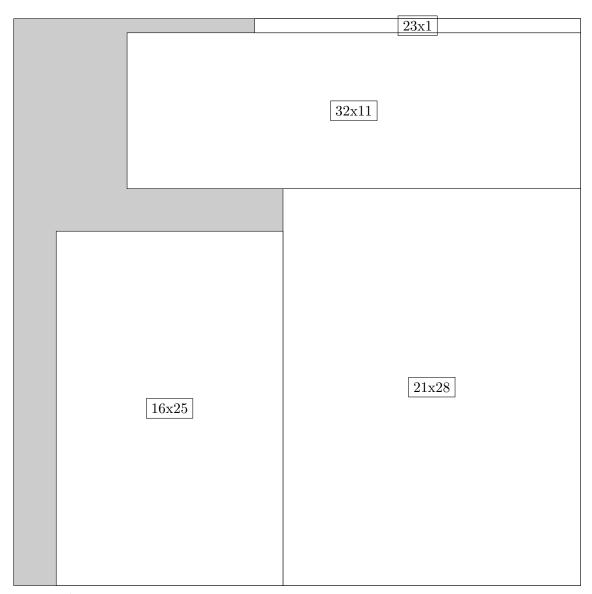
$$\le =28$$
 , h =13 , x =2 , y =10 , v =364

$$\le =18$$
 , h =17 , x =12 , y =23 , v =306



$$\begin{array}{c} w = 6 \ , \ h = \! 35 \ , \ x = \! 34 \ , \ y = \! 0 \ , \ v = \! 210 \\ w = \! 33 \ , \ h = \! 31 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 1023 \\ \end{array}$$

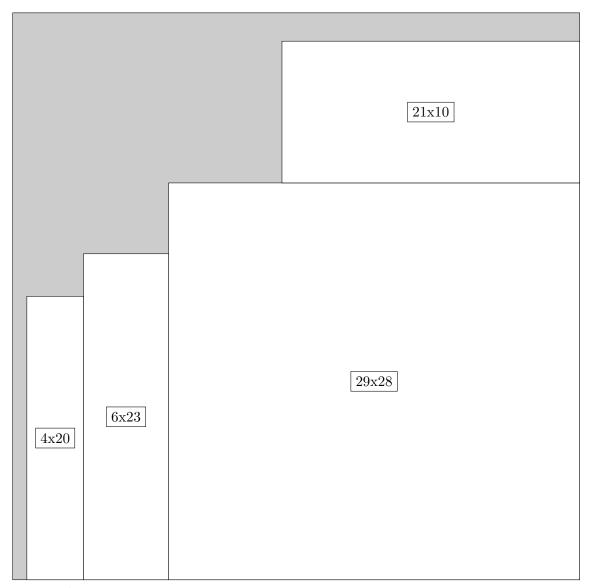




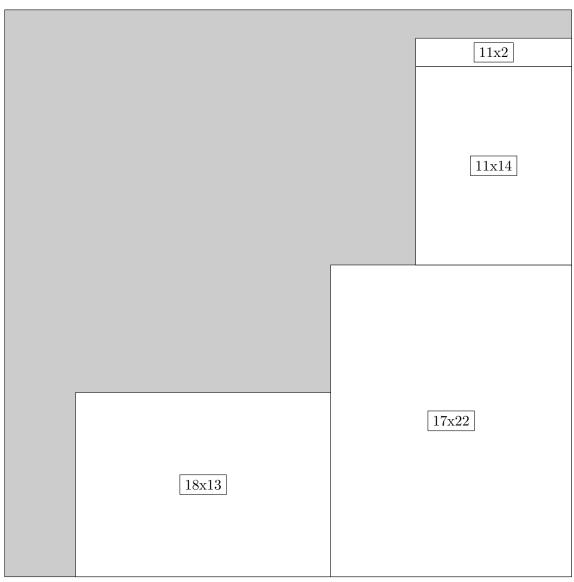
$$\begin{array}{l} w = \! 21 \ , \ h = \! 28 \ , \ x = \! 19 \ , \ y = \! 0 \ , \ v = \! 588 \\ w = \! 16 \ , \ h = \! 25 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 400 \end{array}$$

$$\le =32$$
 , h =11 , x =8 , y =28 , v =352

$$\le =23$$
 , h =1 , x =17 , y =39 , v =23



 $\begin{array}{l} w = 29 \ , \ h = 28 \ , \ x = 11 \ , \ y = 0 \ , \ v = 812 \\ w = 21 \ , \ h = 10 \ , \ x = 19 \ , \ y = 28 \ , \ v = 210 \\ w = 6 \ , \ h = 23 \ , \ x = 5 \ , \ y = 0 \ , \ v = 138 \\ w = 4 \ , \ h = 20 \ , \ x = 1 \ , \ y = 0 \ , \ v = 80 \end{array}$



$$\le =17$$
 , h =22 , x =23 , y =0 , v =374

$$w$$
 =11 , h =14 , x =29 , y =22 , v =154

$$\le =11$$
 , h =2 , x =29 , y =36 , v =22

$$\mathbf{w}$$
 =18 , h =13 , x =5 , y =0 , v =234