$ClassName: \ Class_03.2bp-2$

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

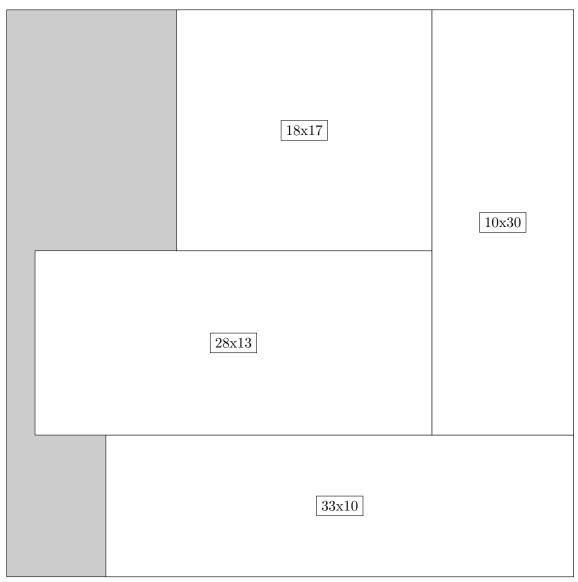
TypeNum: $\underline{20}$ Num: $\underline{20}$ OutS: $\underline{9600}$ InS: $\underline{7055}$ Rate: $\underline{0.735}$

UB: <u>6</u> LB: <u>6</u>

LBWithCut: 6
NodeCount: 0
PrimalNode: 0
ColumnCount: 55
TotalCutCount: 0
RootCutCount: 0
LPSolverCnt: 50
PricingSolverCnt: 50
BranchAndBoundNum: 1

isOpt: **true**

 $\begin{array}{ll} \text{TimeOnPrimal: } \underline{0.000 \text{ s}} \\ \text{TimeOnPricing: } \underline{1.406 \text{ s}} \\ \text{TimeOnRmp: } \underline{0.078 \text{ s}} \\ \text{TotalTime: } \underline{1.625 \text{ s}} \end{array}$

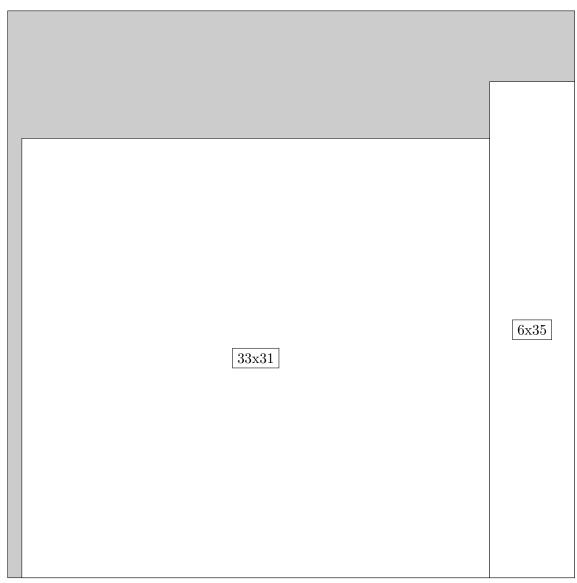


$$\le 33$$
 , h =10 , x =7 , y =0 , v =330

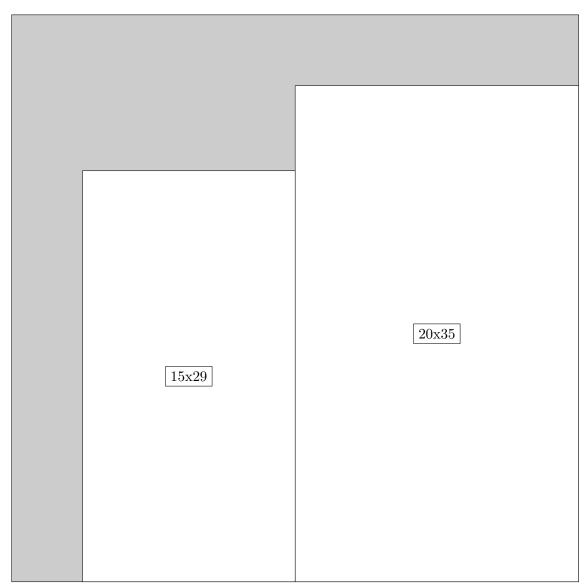
$$\le =10$$
 , $h=30$, $x=30$, $y=10$, $v=300$

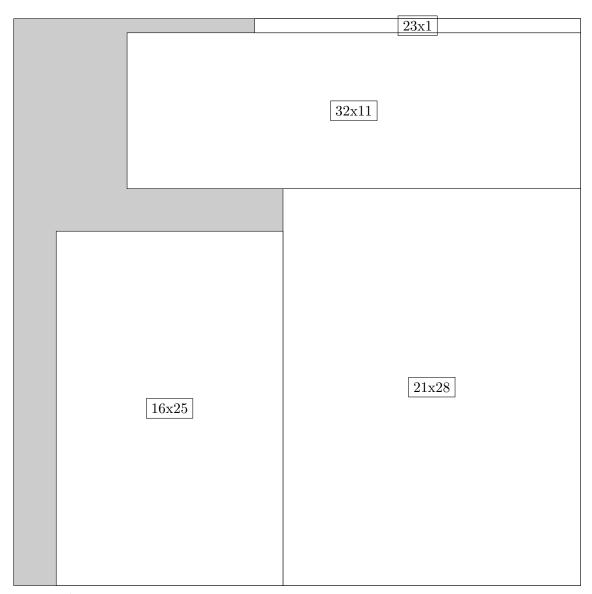
$$\le =28$$
 , h =13 , x =2 , y =10 , v =364

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



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

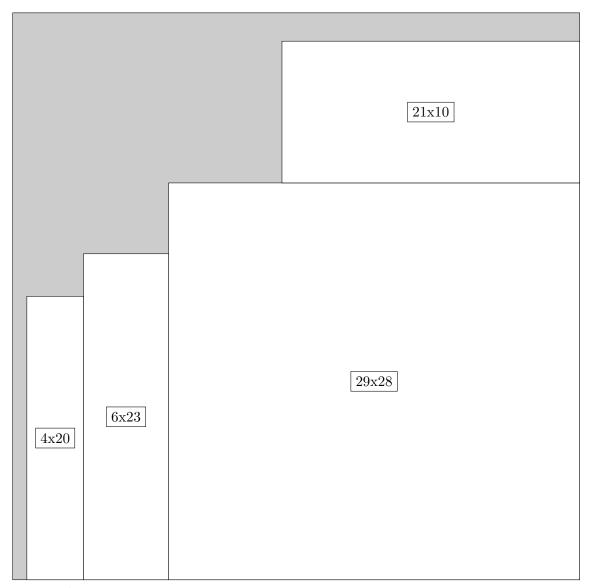




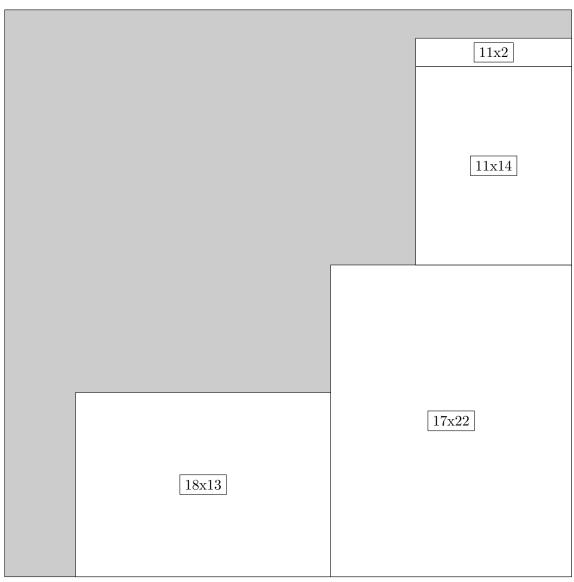
$$\begin{array}{l} w = \! 21 \ , \ h = \! 28 \ , \ x = \! 19 \ , \ y = \! 0 \ , \ v = \! 588 \\ w = \! 16 \ , \ h = \! 25 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 400 \end{array}$$

$$\le =32$$
 , 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