$ClassName: \ Class_03.2bp\text{-}16$

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

TypeNum: $\underline{39}$ Num: $\underline{40}$ OutS: $\underline{12800}$ InS: $\underline{11621}$ Rate: $\underline{0.908}$

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

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

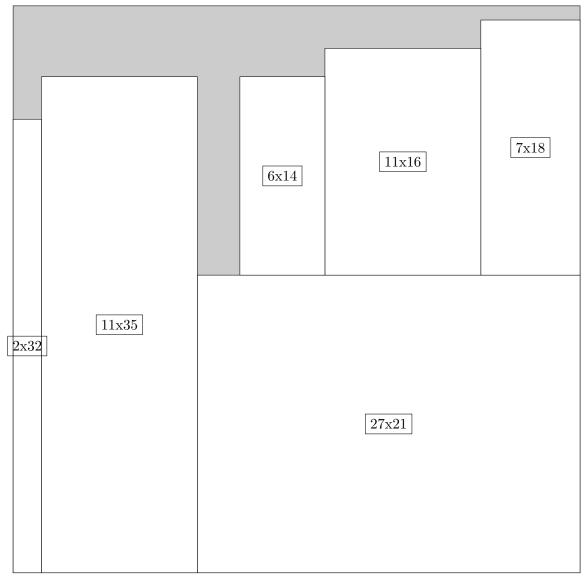
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{8}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

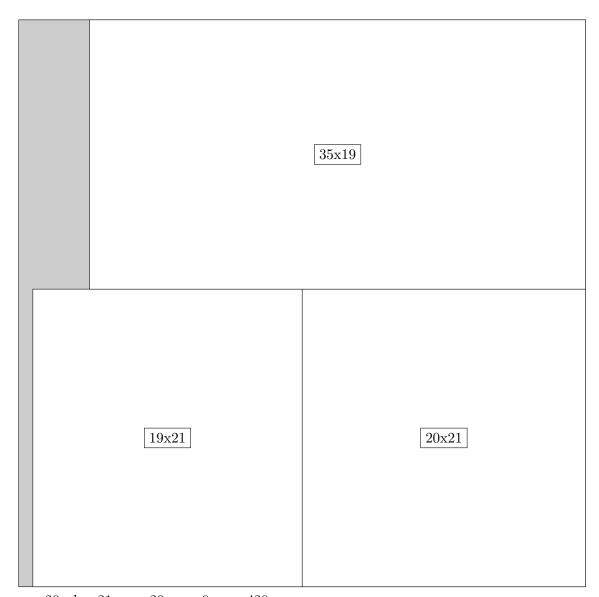
isOpt: **true**

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 600.391 s

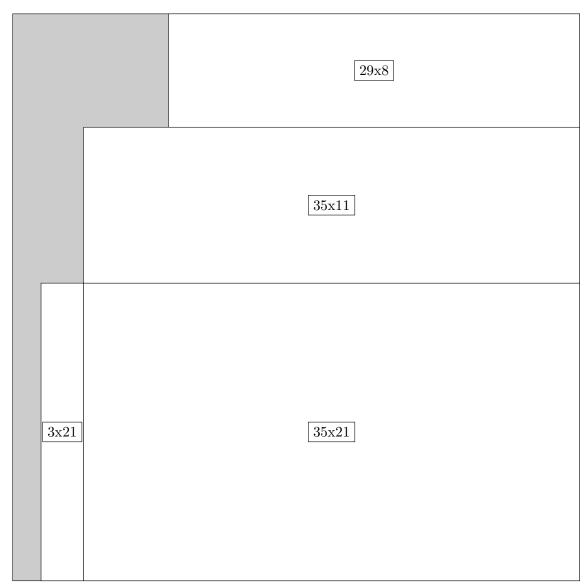


 $\begin{array}{l} w=27 \ , \ h=21 \ , \ x=13 \ , \ y=0 \ , \ v=567 \\ w=7 \ , \ h=18 \ , \ x=33 \ , \ y=21 \ , \ v=126 \\ w=11 \ , \ h=16 \ , \ x=22 \ , \ y=21 \ , \ v=176 \\ w=6 \ , \ h=14 \ , \ x=16 \ , \ y=21 \ , \ v=84 \\ w=11 \ , \ h=35 \ , \ x=2 \ , \ y=0 \ , \ v=385 \\ w=2 \ , \ h=32 \ , \ x=0 \ , \ y=0 \ , \ v=64 \end{array}$

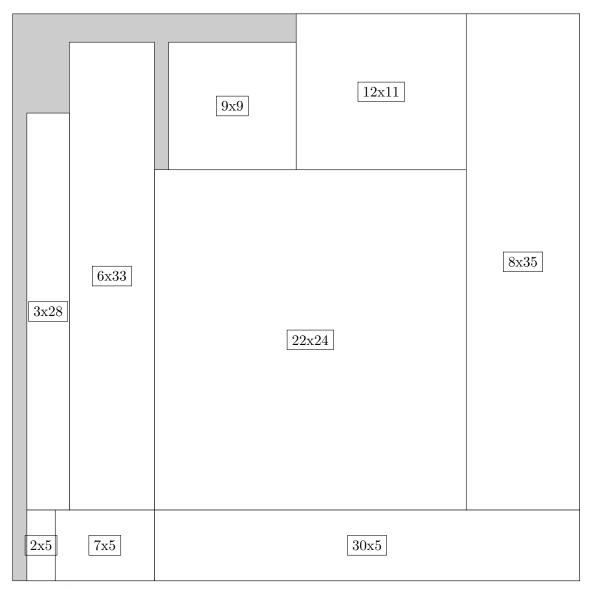


$$\begin{array}{l} w = \! 20 \ , \ h = \! 21 \ , \ x = \! 20 \ , \ y = \! 0 \ , \ v = \! 420 \\ w = \! 19 \ , \ h = \! 21 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 399 \end{array}$$

$$\le =35$$
 , h =19 , x =5 , y =21 , v =665



 $\begin{array}{l} w = & 35 \ , \ h = & 21 \ , \ x = & 5 \ , \ y = & 0 \ , \ v = & 735 \\ w = & 3 \ , \ h = & 21 \ , \ x = & 2 \ , \ y = & 0 \ , \ v = & 63 \\ w = & 35 \ , \ h = & 11 \ , \ x = & 5 \ , \ y = & 21 \ , \ v = & 385 \\ w = & 29 \ , \ h = & 8 \ , \ x = & 11 \ , \ y = & 32 \ , \ v = & 232 \end{array}$



$$w$$
 =30 , h =5 , x =10 , y =0 , v =150

$$\le =7$$
 , h =5 , x =3 , y =0 , v =35

$$\mathbf{w}$$
 =2 , h =5 , x =1 , y =0 , v =10

$$w$$
 =8 , h =35 , x =32 , y =5 , v =280

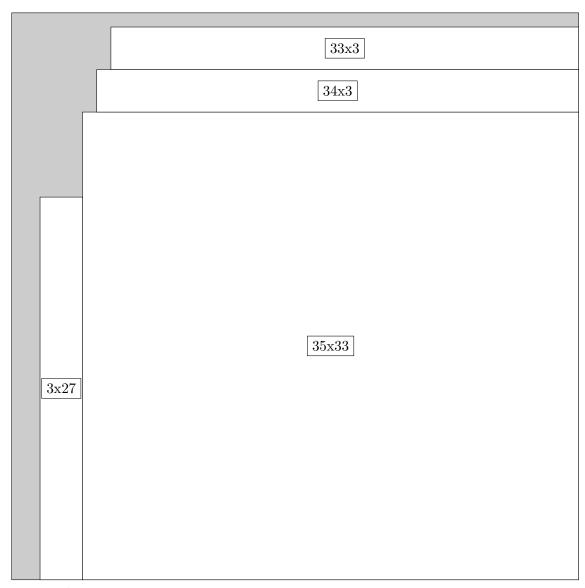
$$\le =22$$
 , h =24 , x =10 , y =5 , v =528

$$\mathbf{w}$$
 =12 , h =11 , x =20 , y =29 , v =132

$$w = 9$$
, $h = 9$, $x = 11$, $y = 29$, $v = 81$

$$w=\!6$$
 , $h=\!33$, $x=\!4$, $y=\!5$, $v=\!198$

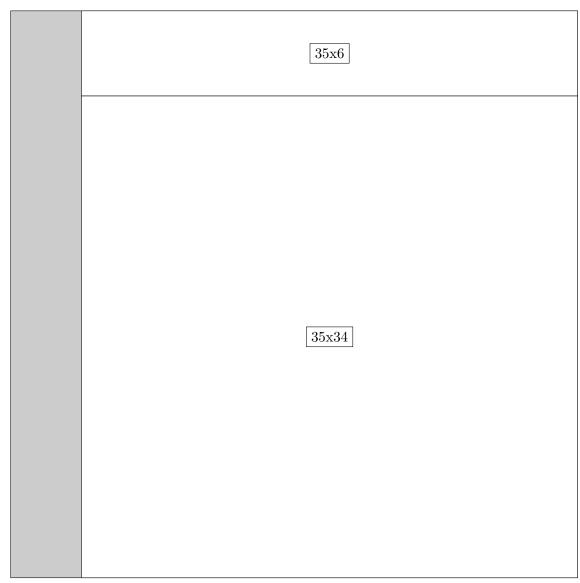
$$w = 3$$
, $h = 28$, $x = 1$, $y = 5$, $v = 84$



$$w=35$$
 , $h=33$, $x=5$, $y=0$, $v=1155$ $w=3$, $h=27$, $x=2$, $y=0$, $v=81$

$$\le =34$$
 , h =3 , x =6 , y =33 , v =102

$$w=\!33$$
 , $h=\!3$, $x=\!7$, $y=\!36$, $v=\!99$



24x2		
8x6	$\fbox{15x6}$	15x12
24x32		$\fbox{15x26}$

$$\le =15$$
 , h =26 , x =25 , y =0 , v =390

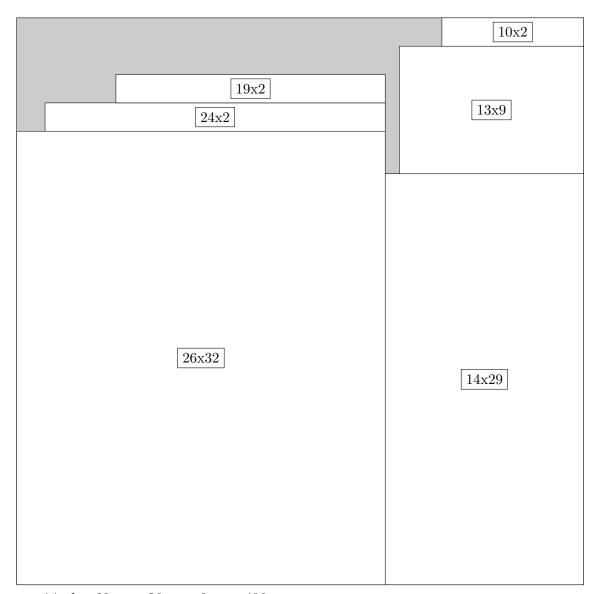
$$\le =15$$
 , $h = 12$, $x = 25$, $y = 26$, $v = 180$

$$\mathbf{w}=\!24$$
 , $\mathbf{h}=\!32$, $\mathbf{x}=\!1$, $\mathbf{y}=\!0$, $\mathbf{v}=\!768$

$$\le =15$$
 , h =6 , x =10 , y =32 , v =90

$$w$$
 =8 , h =6 , x =2 , y =32 , v =48

$$\le =24$$
 , h =2 , x =16 , y =38 , v =48



$$w$$
 =14 , h =29 , x =26 , y =0 , v =406

$$\le =13$$
 , h =9 , x =27 , y =29 , v =117

$$\le =10$$
 , h =2 , x =30 , y =38 , v =20

$$\le =26$$
 , $h=32$, $x=0$, $y=0$, $v=\!832$

$$\mathbf{w}$$
 =24 , h =2 , x =2 , y =32 , v =48

$$\mathbf{w}$$
 =19 , h =2 , x =7 , y =34 , v =38