$ClassName: \ Class_03.2bp-24$

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

TypeNum: <u>60</u>
Num: <u>60</u>
OutS: <u>19200</u>
InS: <u>17407</u>
Rate: <u>0.907</u>
UB: <u>12</u>
LB0: <u>12</u>

LBWithCut: $\underline{\mathbf{12}}$ NodeCut: $\underline{\mathbf{0}}$

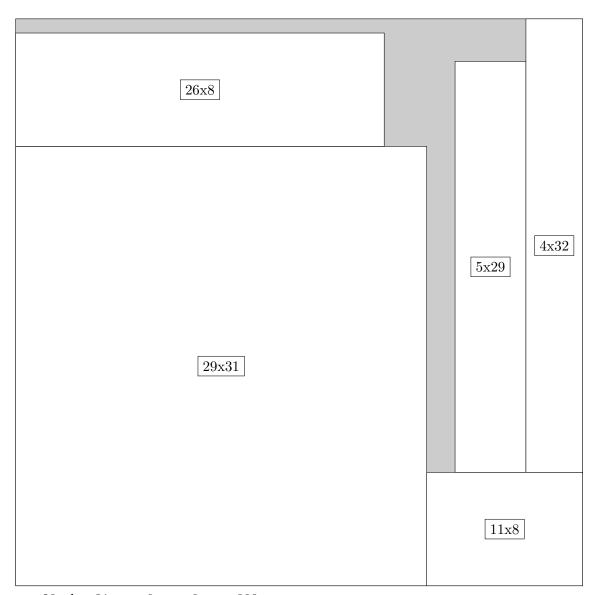
LB: **12**

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

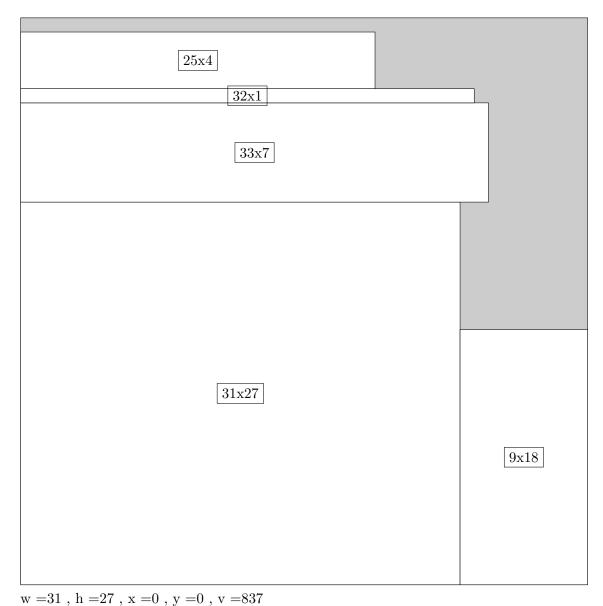
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{12}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

is Opt: $\underline{\mathbf{true}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.140 s



 $\begin{array}{l} w=29 \ , \ h=31 \ , \ x=0 \ , \ y=0 \ , \ v=899 \\ w=26 \ , \ h=8 \ , \ x=0 \ , \ y=31 \ , \ v=208 \\ w=5 \ , \ h=29 \ , \ x=31 \ , \ y=8 \ , \ v=145 \\ w=4 \ , \ h=32 \ , \ x=36 \ , \ y=8 \ , \ v=128 \\ w=11 \ , \ h=8 \ , \ x=29 \ , \ y=0 \ , \ v=88 \end{array}$



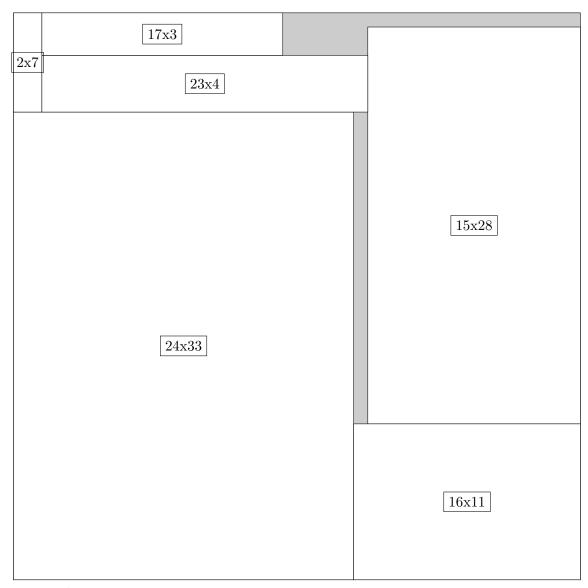
$$w = 25$$
, $h = 4$, $x = 0$, $y = 35$, $v = 100$

13x11		27x13	
	33x2		
	33x25		[7x27]

$$\begin{array}{l} w = \! 33 \ , \ h = \! 25 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 825 \\ w = \! 27 \ , \ h = \! 13 \ , \ x = \! 13 \ , \ y = \! 27 \ , \ v = \! 351 \\ w = \! 7 \ , \ h = \! 27 \ , \ x = \! 33 \ , \ y = \! 0 \ , \ v = \! 189 \end{array}$$

$$\mathbf{w}$$
 =13 , h =11 , x =0 , y =27 , v =143

$$\le =33$$
 , h =2 , x =0 , y =25 , v =66



$$\le =24$$
 , h =33 , x =0 , y =0 , v =792

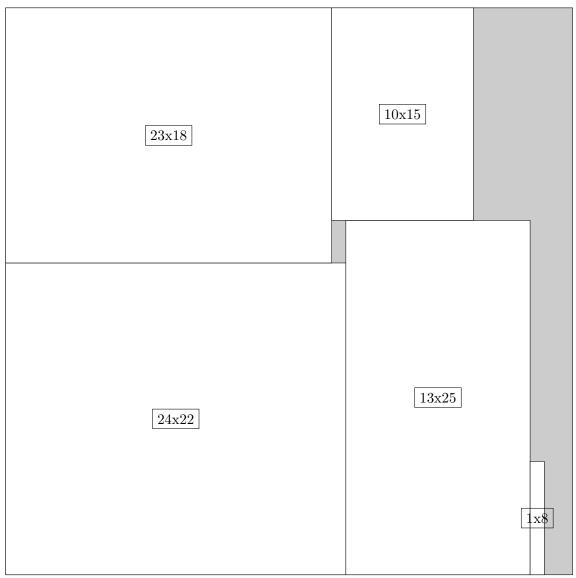
$$\le =15$$
 , $h=28$, $x=25$, $y=11$, $v=420$

$$\le =23$$
 , h =4 , x =2 , y =33 , v =92

$$w = 17$$
, $h = 3$, $x = 2$, $y = 37$, $v = 51$

$$\mathbf{w}$$
 =16 , h =11 , x =24 , y =0 , v =176

$$\mathbf{w}$$
 =2 , h =7 , x =0 , y =33 , v =14



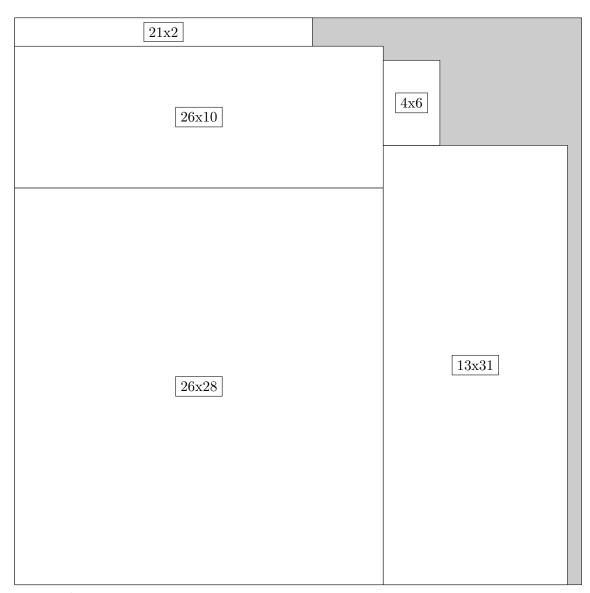
$$\le =24$$
 , h =22 , x =0 , y =0 , v =528

$$\le =23$$
 , h =18 , x =0 , y =22 , v =414

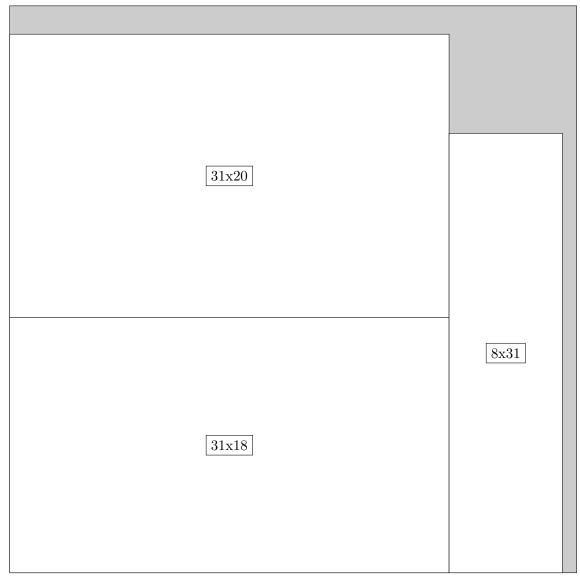
$$\le =13$$
 , $h=25$, $x=24$, $y=0$, $v=325$

$$\le =10$$
 , h =15 , x =23 , y =25 , v =150

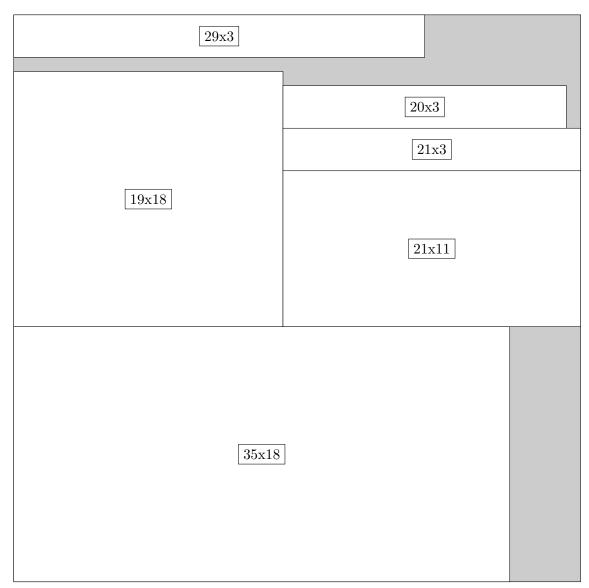
$$\mathbf{w}$$
 =1 , h =8 , x =37 , y =0 , v =8



$$\begin{array}{l} w = 26 \ , \ h = 28 \ , \ x = 0 \ , \ y = 0 \ , \ v = 728 \\ w = 13 \ , \ h = 31 \ , \ x = 26 \ , \ y = 0 \ , \ v = 403 \\ w = 26 \ , \ h = 10 \ , \ x = 0 \ , \ y = 28 \ , \ v = 260 \\ w = 4 \ , \ h = 6 \ , \ x = 26 \ , \ y = 31 \ , \ v = 24 \\ w = 21 \ , \ h = 2 \ , \ x = 0 \ , \ y = 38 \ , \ v = 42 \end{array}$$



 $\begin{array}{l} w = & 31 \;,\; h = & 18 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 558 \\ w = & 31 \;,\; h = & 20 \;,\; x = & 0 \;,\; y = & 18 \;,\; v = & 620 \\ w = & ,\; h = & 31 \;,\; x = & 31 \;,\; y = & 0 \;,\; v = & 248 \end{array}$



$$w = 35$$
, $h = 18$, $x = 0$, $y = 0$, $v = 630$

$$\le =19$$
 , h =18 , x =0 , y =18 , v =342

$$w$$
 =21 , h =11 , x =19 , y =18 , v =231

$$\le =29$$
 , h =3 , x =0 , y =37 , v =87

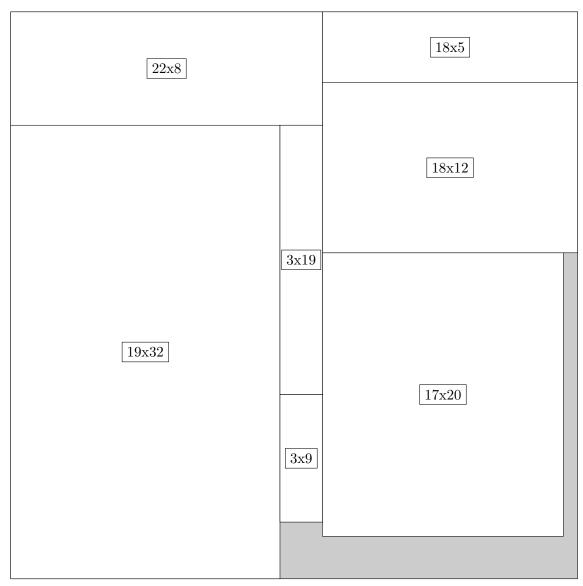
$$\le =21$$
 , h =3 , x =19 , y =29 , v =63

$$w$$
 =20 , h =3 , x =19 , y =32 , v =60

19x31	19x30
[19x9]	20x9

$$\le =19$$
 , h =30 , x =19 , y =9 , v =570

$$w$$
 =20 , h =9 , x =19 , y =0 , v =180



$$w = 19$$
, $h = 32$, $x = 0$, $y = 0$, $v = 608$

$$\le =17$$
 , $h=20$, $x=22$, $y=3$, $v=340$

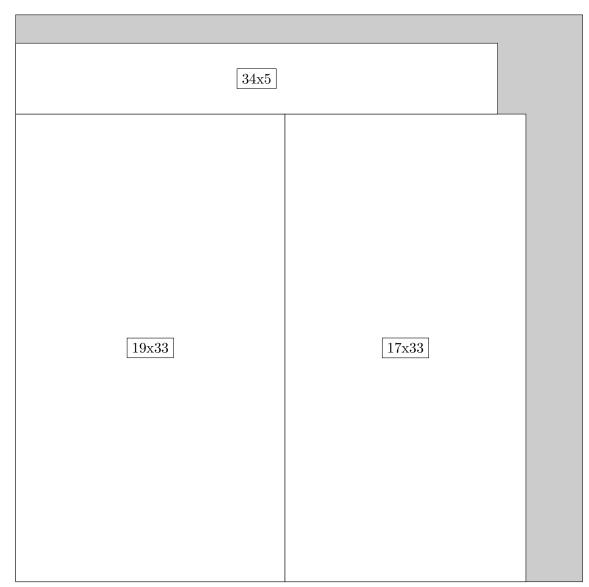
$$\le =18$$
 , h =12 , x =22 , y =23 , v =216

$$\le =22$$
 , h =8 , x =0 , y =32 , v =176

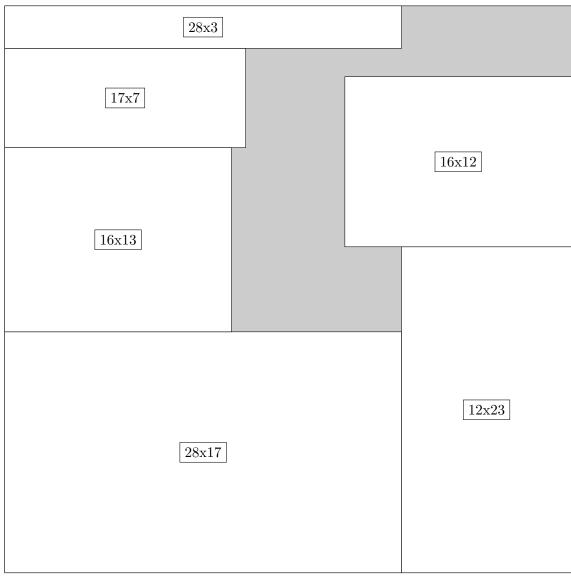
$$\le =18$$
 , h =5 , x =22 , y =35 , v =90

$$\le =3$$
 , h =19 , x =19 , y =13 , v =57

$$\mathbf{w}$$
 =3 , h =9 , x =19 , y =4 , v =27



$$\begin{array}{l} w = 19 \ , \ h = 33 \ , \ x = 0 \ , \ y = 0 \ , \ v = 627 \\ w = 17 \ , \ h = 33 \ , \ x = 19 \ , \ y = 0 \ , \ v = 561 \\ w = 34 \ , \ h = 5 \ , \ x = 0 \ , \ y = 33 \ , \ v = 170 \end{array}$$



$$w = 28$$
, $h = 17$, $x = 0$, $y = 0$, $v = 476$

$$\le =12$$
 , h =23 , x =28 , y =0 , v =276

$$\le =16$$
 , $h=13$, $x=0$, $y=17$, $v=208$

$$\mathbf{w}$$
 =16 , h =12 , x =24 , y =23 , v =192

$$\le =17$$
 , h =7 , x =0 , y =30 , v =119

$$w=28$$
 , $h=3$, $x=0$, $y=37$, $v=84$