$ClassName: \ Class_03.2bp-28$

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

TypeNum: <u>59</u> Num: <u>60</u> OutS: <u>20800</u> InS: <u>18511</u> Rate: <u>0.890</u> UB: <u>13</u> LB0: <u>13</u>

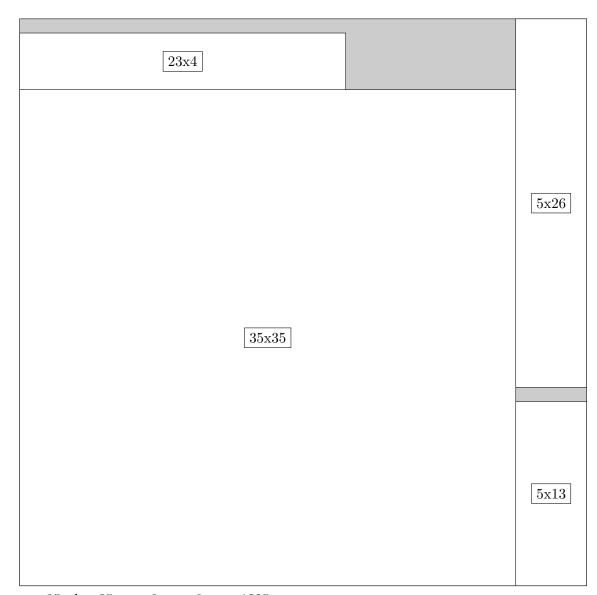
LBWithCut: $\underline{\mathbf{13}}$ NodeCut: $\underline{\mathbf{0}}$

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{13}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: **true**

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.030 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.109 \ s} \\ {\rm TotalTime:} \ \underline{0.202 \ s} \end{array}$

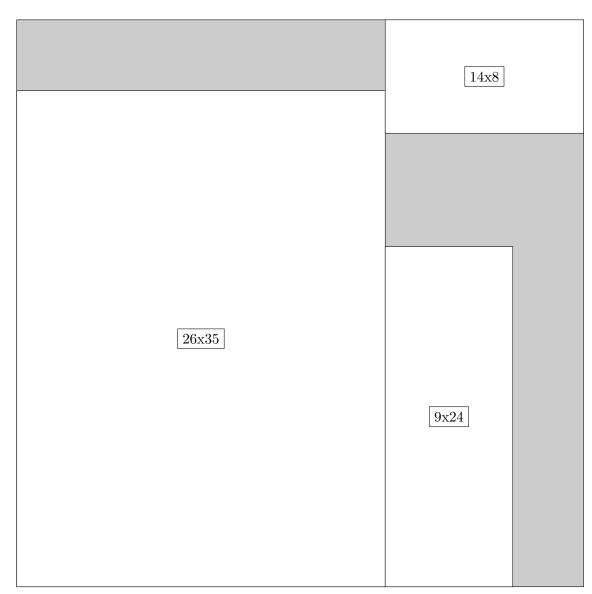


$$\begin{array}{l} w = & 35 \ , \ h = & 35 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 1225 \\ w = & 5 \ , \ h = & 26 \ , \ x = & 35 \ , \ y = & 14 \ , \ v = & 130 \\ w = & 23 \ , \ h = & 4 \ , \ x = & 0 \ , \ y = & 35 \ , \ v = & 92 \end{array}$$

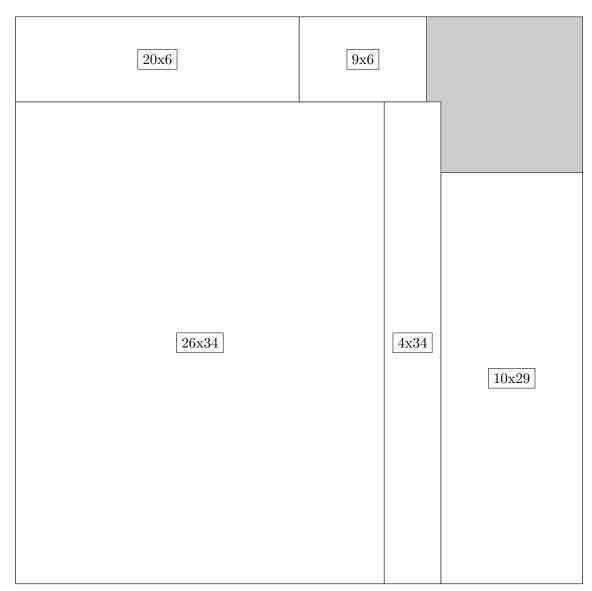
$$w = 5$$
, $h = 13$, $x = 35$, $y = 0$, $v = 65$

	22x5	
34x3!	5	6x35

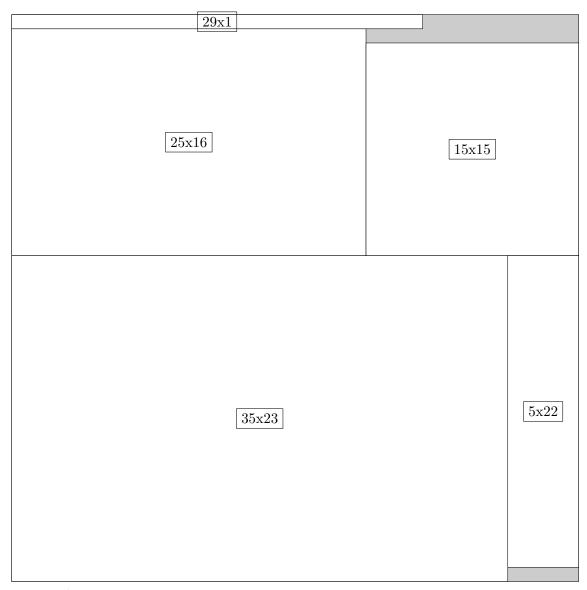
 $\begin{array}{l} w = \! 34 \; , \; h = \! 35 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 1190 \\ w = \! 6 \; , \; h = \! 35 \; , \; x = \! 34 \; , \; y = \! 0 \; , \; v = \! 210 \\ w = \! 22 \; , \; h = \! 5 \; , \; x = \! 18 \; , \; y = \! 35 \; , \; v = \! 110 \end{array}$



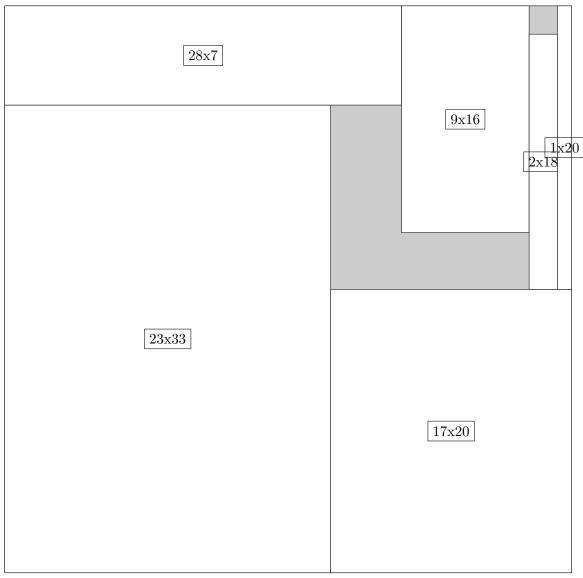
 $\begin{array}{l} w = 26 \; , \; h = \!\! 35 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 910 \\ w = \!\! 9 \; , \; h = \!\! 24 \; , \; x = \!\! 26 \; , \; y = \!\! 0 \; , \; v = \!\! 216 \\ w = \!\! 14 \; , \; h = \!\! 8 \; , \; x = \!\! 26 \; , \; y = \!\! 32 \; , \; v = \!\! 112 \end{array}$



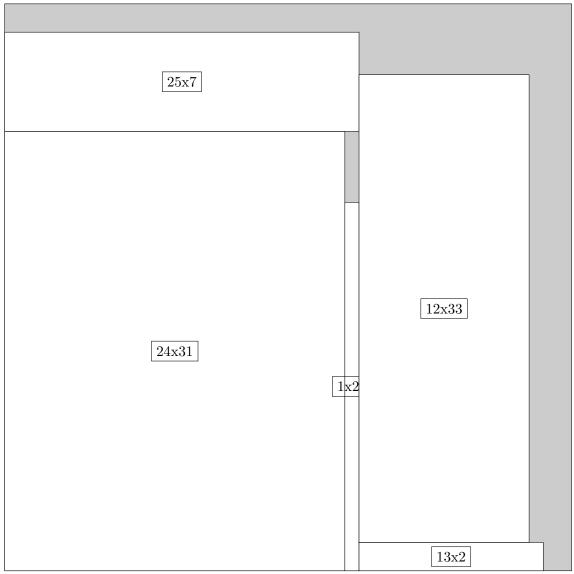
 $\begin{array}{l} w=26\;,\; h=34\;,\; x=0\;,\; y=0\;,\; v=884\\ w=10\;,\; h=29\;,\; x=30\;,\; y=0\;,\; v=290\\ w=4\;,\; h=34\;,\; x=26\;,\; y=0\;,\; v=136\\ w=20\;,\; h=6\;,\; x=0\;,\; y=34\;,\; v=120\\ w=9\;,\; h=6\;,\; x=20\;,\; y=34\;,\; v=54 \end{array}$



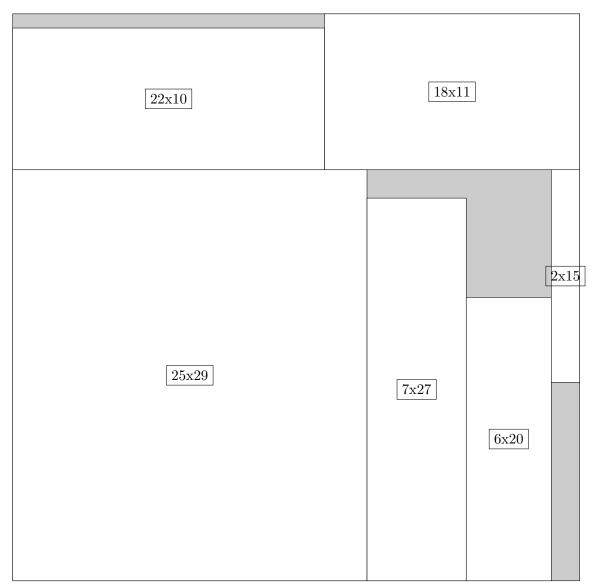
$$\begin{array}{l} w = \! 35 \ , \ h = \! 23 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 805 \\ w = \! 25 \ , \ h = \! 16 \ , \ x = \! 0 \ , \ y = \! 23 \ , \ v = \! 400 \\ w = \! 15 \ , \ h = \! 15 \ , \ x = \! 25 \ , \ y = \! 23 \ , \ v = \! 225 \\ w = \! 5 \ , \ h = \! 22 \ , \ x = \! 35 \ , \ y = \! 1 \ , \ v = \! 110 \\ w = \! 29 \ , \ h = \! 1 \ , \ x = \! 0 \ , \ y = \! 39 \ , \ v = \! 29 \end{array}$$



$$\begin{array}{l} w = 23 \; , \; h = 33 \; , \; x = 0 \; , \; y = 0 \; , \; v = 759 \\ w = 17 \; , \; h = 20 \; , \; x = 23 \; , \; y = 0 \; , \; v = 340 \\ w = 28 \; , \; h = 7 \; , \; x = 0 \; , \; y = 33 \; , \; v = 196 \\ w = 9 \; , \; h = 16 \; , \; x = 28 \; , \; y = 24 \; , \; v = 144 \\ w = 2 \; , \; h = 18 \; , \; x = 37 \; , \; y = 20 \; , \; v = 36 \\ w = 1 \; , \; h = 20 \; , \; x = 39 \; , \; y = 20 \; , \; v = 20 \end{array}$$



$$\begin{array}{l} w=24 \;,\; h=31 \;,\; x=0 \;,\; y=0 \;,\; v=744 \\ w=1 \;,\; h=26 \;,\; x=24 \;,\; y=0 \;,\; v=26 \\ w=25 \;,\; h=7 \;,\; x=0 \;,\; y=31 \;,\; v=175 \\ w=13 \;,\; h=2 \;,\; x=25 \;,\; y=0 \;,\; v=26 \\ w=12 \;,\; h=33 \;,\; x=25 \;,\; y=2 \;,\; v=396 \end{array}$$



$$w = 25$$
, $h = 29$, $x = 0$, $y = 0$, $v = 725$

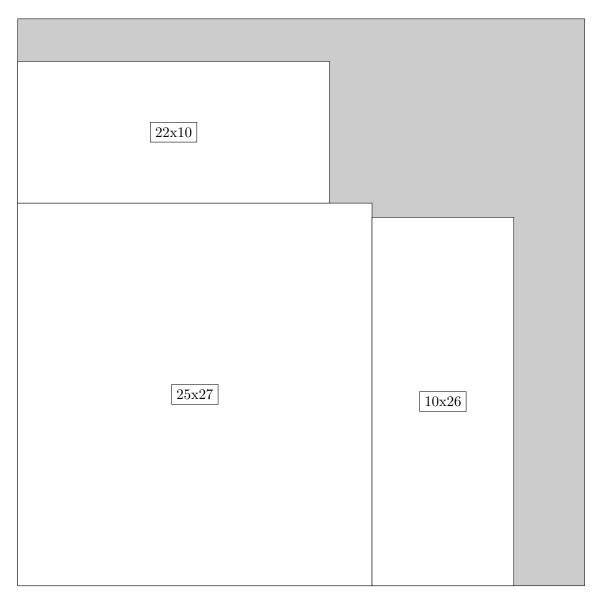
$$\le =22$$
 , $h=10$, $x=0$, $y=29$, $v=220$

$$\le =18$$
 , h =11 , x =22 , y =29 , v =198

$$\mathbf{w}$$
 =7 , h =27 , x =25 , y =0 , v =189

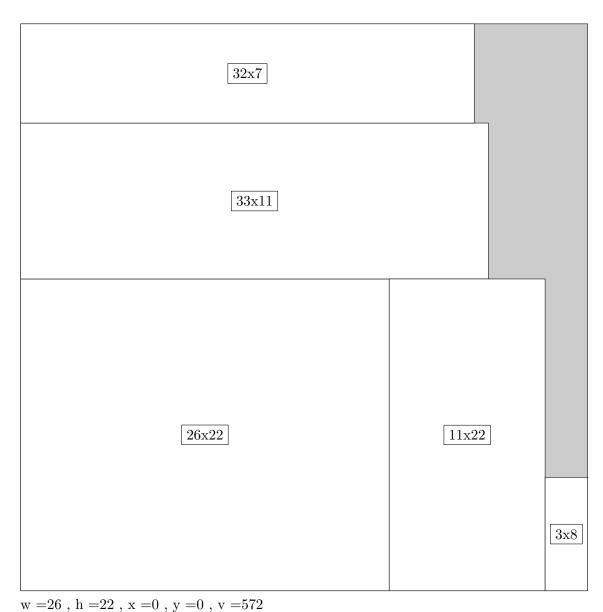
$$\mathbf{w}$$
 =6 , h =20 , x =32 , y =0 , v =120

$$\mathbf{w}$$
 =2 , h =15 , x =38 , y =14 , v =30

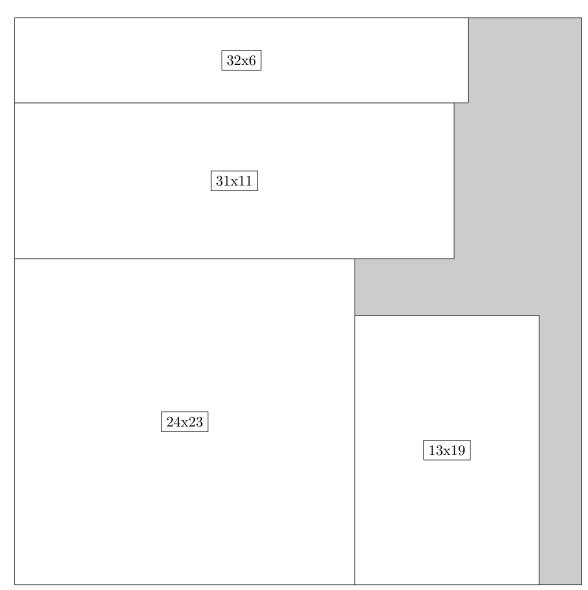


$$\begin{array}{l} w = \! 25 \ , \ h = \! 27 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 675 \\ w = \! 10 \ , \ h = \! 26 \ , \ x = \! 25 \ , \ y = \! 0 \ , \ v = \! 260 \end{array}$$

$$w = 22$$
, $h = 10$, $x = 0$, $y = 27$, $v = 220$



$$w = 3, h = 8, x = 37, y = 0, v = 24$$



$$\le =24$$
 , h =23 , x =0 , y =0 , v =552

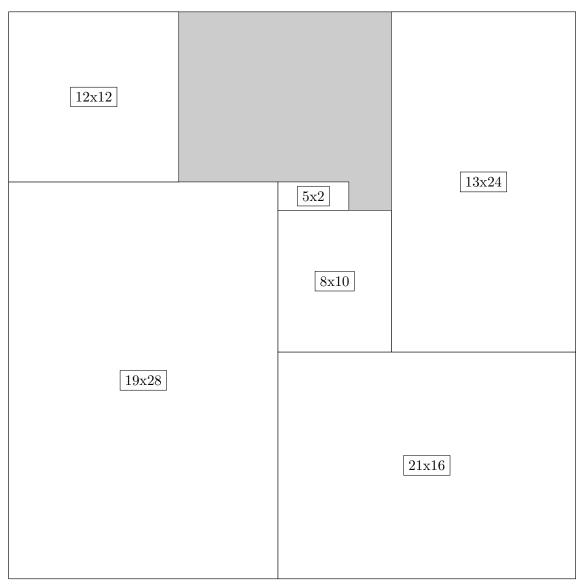
$$\le =31$$
 , $h=11$, $x=0$, $y=23$, $v=341$

$$\le =13$$
 , h =19 , x =24 , y =0 , v =247

$$\le =32$$
 , h =6 , x =0 , y =34 , v =192

	10x3	
$\boxed{34\mathrm{x}15}$		6x18
21x22	$19\mathrm{x}22$	

$$\begin{array}{l} w = \! 34 \;, \; h = \! 15 \;, \; x = \! 0 \;, \; y = \! 22 \;, \; v = \! 510 \\ w = \! 21 \;, \; h = \! 22 \;, \; x = \! 0 \;, \; y = \! 0 \;, \; v = \! 462 \\ w = \! 19 \;, \; h = \! 22 \;, \; x = \! 21 \;, \; y = \! 0 \;, \; v = \! 418 \\ w = \! 6 \;, \; h = \! 18 \;, \; x = \! 34 \;, \; y = \! 22 \;, \; v = \! 108 \\ w = \! 10 \;, \; h = \! 3 \;, \; x = \! 24 \;, \; y = \! 37 \;, \; v = \! 30 \end{array}$$



$$\begin{array}{l} w=19\;,\; h=28\;,\; x=0\;,\; y=0\;,\; v=532\\ w=21\;,\; h=16\;,\; x=19\;,\; y=0\;,\; v=336\\ w=13\;,\; h=24\;,\; x=27\;,\; y=16\;,\; v=312\\ w=12\;,\; h=12\;,\; x=0\;,\; y=28\;,\; v=144\\ w=8\;,\; h=10\;,\; x=19\;,\; y=16\;,\; v=80\\ w=5\;,\; h=2\;,\; x=19\;,\; y=26\;,\; v=10 \end{array}$$