$ClassName: \ Class_03.2bp-28$

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: $\underline{\mathbf{0}}$

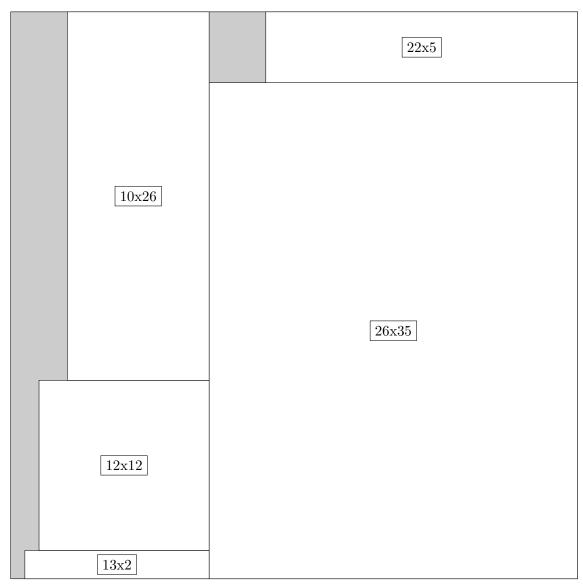
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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**

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.079 sTotalTime: 600.344 s



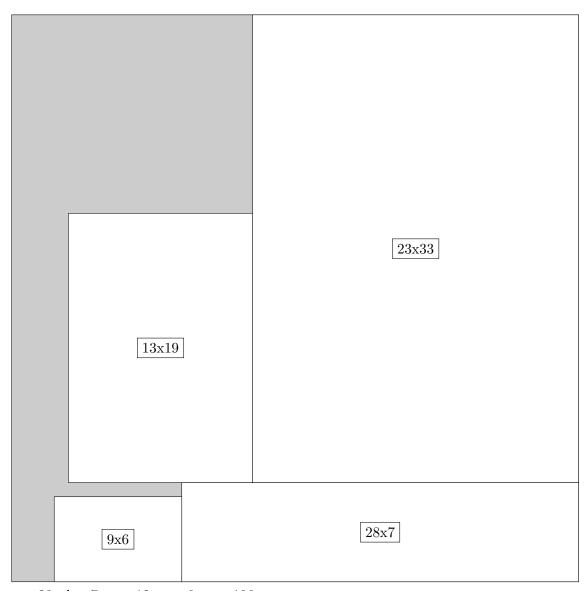
$$w = 26$$
, $h = 35$, $x = 14$, $y = 0$, $v = 910$

$$\le =22$$
 , h =5 , x =18 , y =35 , v =110

$$\le =13$$
 , h =2 , x =1 , y =0 , v =
26

$$\mathbf{w}$$
 =12 , \mathbf{h} =12 , \mathbf{x} =2 , \mathbf{y} =2 , \mathbf{v} =144

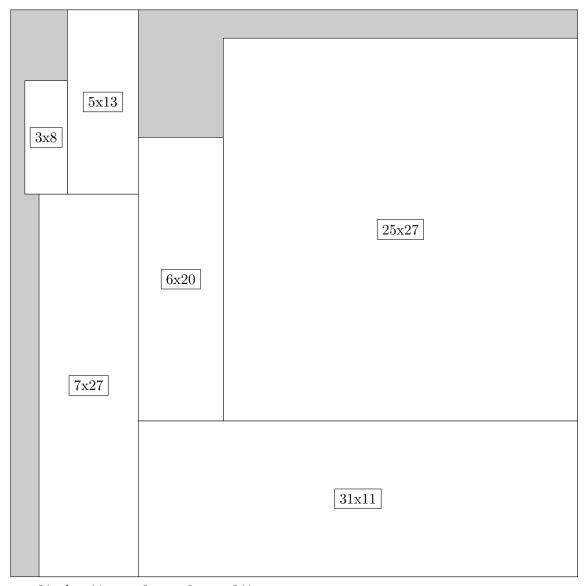
$$\le =10$$
 , $h=26$, $x=4$, $y=14$, $v=260$



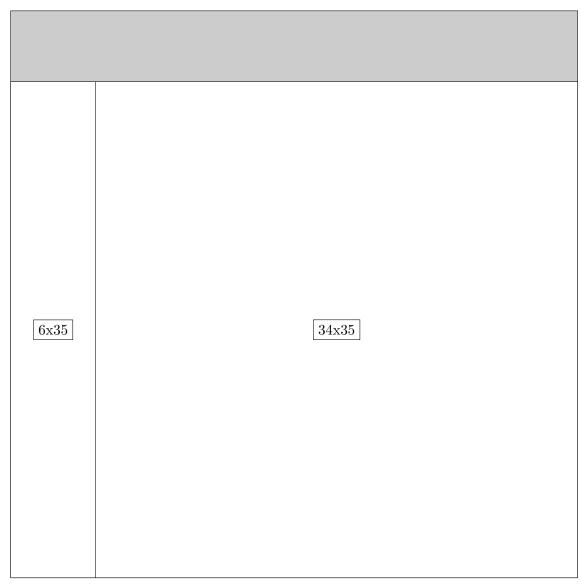
 $\begin{array}{l} w = \! 28 \; , \; h = \! 7 \; , \; x = \! 12 \; , \; y = \! 0 \; , \; v = \! 196 \\ w = \! 9 \; , \; h = \! 6 \; , \; x = \! 3 \; , \; y = \! 0 \; , \; v = \! 54 \\ \end{array}$

w = 23, h = 33, x = 17, y = 7, v = 759

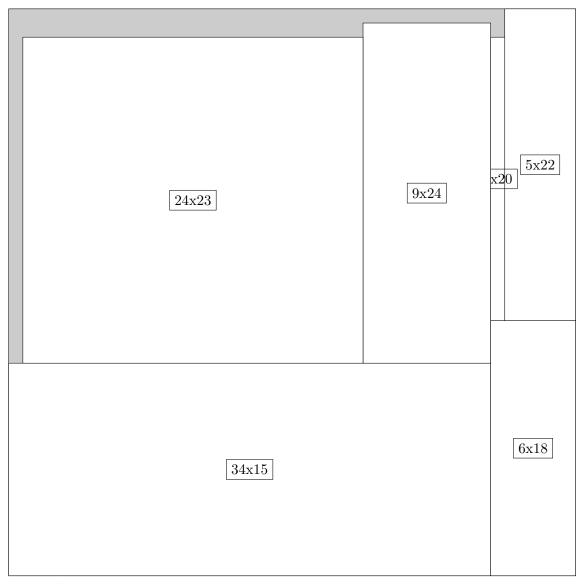
 \mathbf{w} =13 , h =19 , x =4 , y =7 , v =247



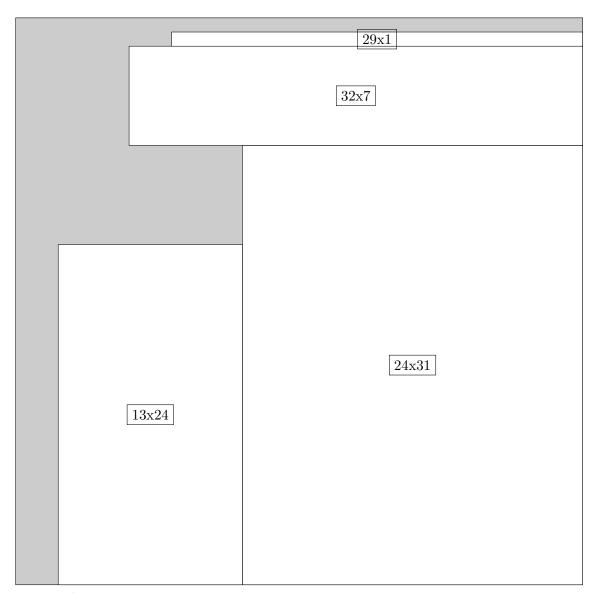
$$\begin{array}{l} w = & 31 \;,\; h = & 11 \;,\; x = & 9 \;,\; y = & 0 \;,\; v = & 341 \\ w = & 25 \;,\; h = & 27 \;,\; x = & 15 \;,\; y = & 11 \;,\; v = & 675 \\ w = & 6 \;,\; h = & 20 \;,\; x = & 9 \;,\; y = & 11 \;,\; v = & 120 \\ w = & 7 \;,\; h = & 27 \;,\; x = & 2 \;,\; y = & 0 \;,\; v = & 189 \\ w = & 5 \;,\; h = & 13 \;,\; x = & 4 \;,\; y = & 27 \;,\; v = & 65 \\ w = & 3 \;,\; h = & 8 \;,\; x = & 1 \;,\; y = & 27 \;,\; v = & 24 \end{array}$$



w =34, h =35, x =6, y =0, v =1190 w =6, h =35, x =0, y =0, v =210



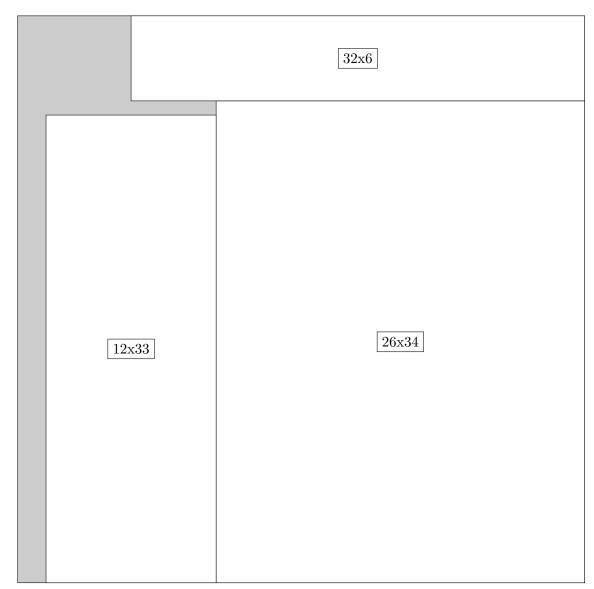
 $\begin{array}{l} w=6\ ,\, h=18\ ,\, x=34\ ,\, y=0\ ,\, v=108\\ w=5\ ,\, h=22\ ,\, x=35\ ,\, y=18\ ,\, v=110\\ w=1\ ,\, h=20\ ,\, x=34\ ,\, y=18\ ,\, v=20\\ w=34\ ,\, h=15\ ,\, x=0\ ,\, y=0\ ,\, v=510\\ w=9\ ,\, h=24\ ,\, x=25\ ,\, y=15\ ,\, v=216\\ w=24\ ,\, h=23\ ,\, x=1\ ,\, y=15\ ,\, v=552\\ \end{array}$



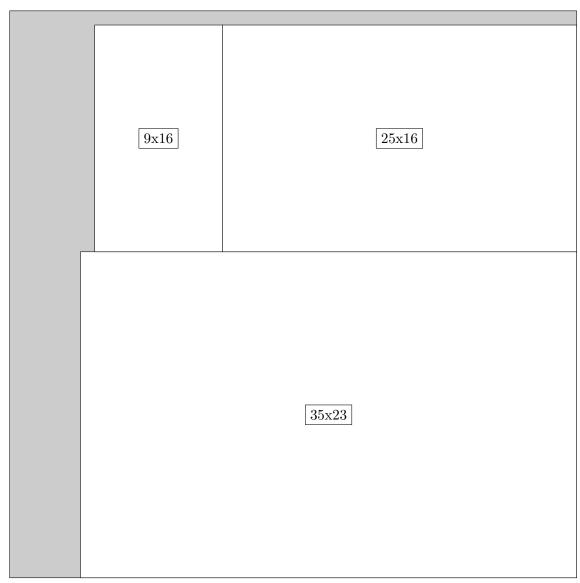
$$\begin{array}{l} w = 24 \ , \ h = \!\! 31 \ , \ x = \!\! 16 \ , \ y = \!\! 0 \ , \ v = \!\! 744 \\ w = \!\! 13 \ , \ h = \!\! 24 \ , \ x = \!\! 3 \ , \ y = \!\! 0 \ , \ v = \!\! 312 \end{array}$$

$$\le =32$$
 , h =7 , x =8 , y =31 , v =224

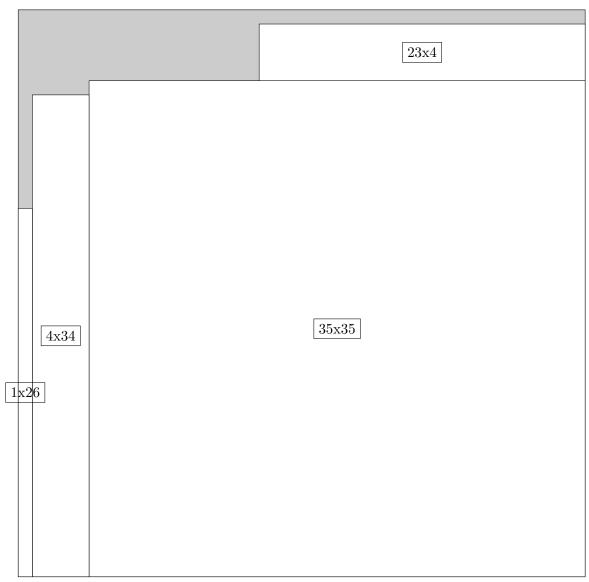
$$\mathbf{w}$$
 =29 , h =1 , x =11 , y =38 , v =29



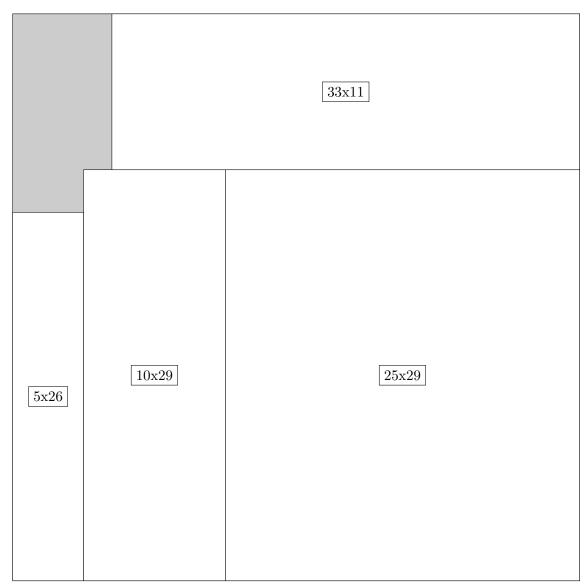
$$\begin{array}{l} w = 26 \ , \ h = 34 \ , \ x = 14 \ , \ y = 0 \ , \ v = 884 \\ w = 12 \ , \ h = 33 \ , \ x = 2 \ , \ y = 0 \ , \ v = 396 \\ w = 32 \ , \ h = 6 \ , \ x = 8 \ , \ y = 34 \ , \ v = 192 \end{array}$$



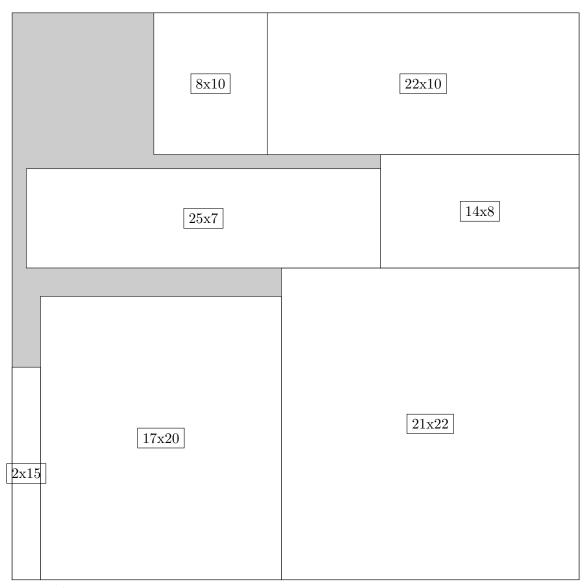
$$\begin{array}{l} w = \! 35 \ , \ h = \! 23 \ , \ x = \! 5 \ , \ y = \! 0 \ , \ v = \! 805 \\ w = \! 25 \ , \ h = \! 16 \ , \ x = \! 15 \ , \ y = \! 23 \ , \ v = \! 400 \\ w = \! 9 \ , \ h = \! 16 \ , \ x = \! 6 \ , \ y = \! 23 \ , \ v = \! 144 \end{array}$$



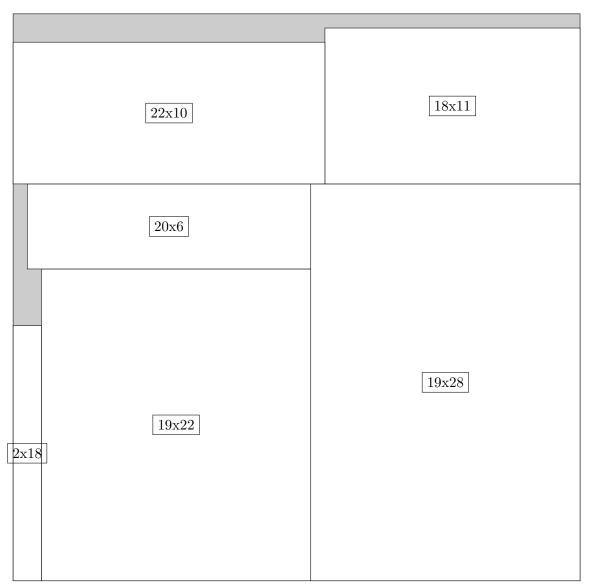
 $\begin{array}{l} w = & 35 \ , \ h = & 35 \ , \ x = & 5 \ , \ y = & 0 \ , \ v = & 1225 \\ w = & 4 \ , \ h = & 34 \ , \ x = & 1 \ , \ y = & 0 \ , \ v = & 136 \\ w = & 1 \ , \ h = & 26 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 26 \\ w = & 23 \ , \ h = & 4 \ , \ x = & 17 \ , \ y = & 35 \ , \ v = & 92 \end{array}$



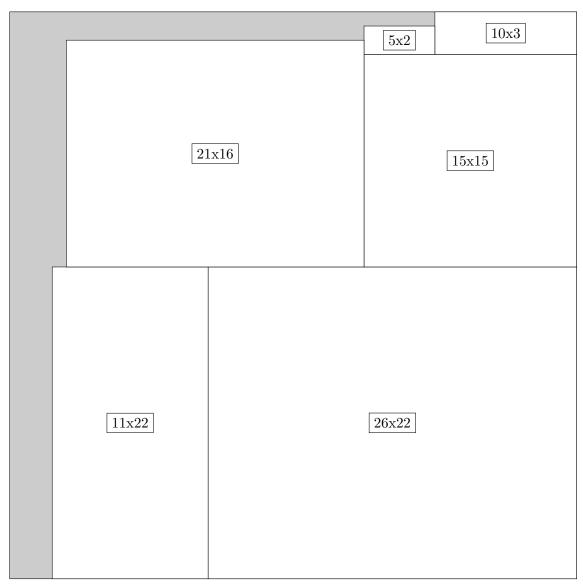
 $\begin{array}{l} w = 25 \ , \ h = 29 \ , \ x = 15 \ , \ y = 0 \ , \ v = 725 \\ w = 10 \ , \ h = 29 \ , \ x = 5 \ , \ y = 0 \ , \ v = 290 \\ w = 5 \ , \ h = 26 \ , \ x = 0 \ , \ y = 0 \ , \ v = 130 \\ w = 33 \ , \ h = 11 \ , \ x = 7 \ , \ y = 29 \ , \ v = 363 \end{array}$



$$\begin{array}{l} w=21 \ , \ h=22 \ , \ x=19 \ , \ y=0 \ , \ v=462 \\ w=17 \ , \ h=20 \ , \ x=2 \ , \ y=0 \ , \ v=340 \\ w=2 \ , \ h=15 \ , \ x=0 \ , \ y=0 \ , \ v=30 \\ w=14 \ , \ h=8 \ , \ x=26 \ , \ y=22 \ , \ v=112 \\ w=25 \ , \ h=7 \ , \ x=1 \ , \ y=22 \ , \ v=175 \\ w=22 \ , \ h=10 \ , \ x=18 \ , \ y=30 \ , \ v=220 \\ w=8 \ , \ h=10 \ , \ x=10 \ , \ y=30 \ , \ v=80 \end{array}$$



$$\begin{array}{l} w=19\;,\; h=28\;,\; x=21\;,\; y=0\;,\; v=532\\ w=19\;,\; h=22\;,\; x=2\;,\; y=0\;,\; v=418\\ w=2\;,\; h=18\;,\; x=0\;,\; y=0\;,\; v=36\\ w=20\;,\; h=6\;,\; x=1\;,\; y=22\;,\; v=120\\ w=18\;,\; h=11\;,\; x=22\;,\; y=28\;,\; v=198\\ w=22\;,\; h=10\;,\; x=0\;,\; y=28\;,\; v=220\\ \end{array}$$



$$w = 26$$
, $h = 22$, $x = 14$, $y = 0$, $v = 572$

$$\mathbf{w}$$
 =11 , h =22 , x =3 , y =0 , v =242

$$\le =15$$
 , $h=15$, $x=25$, $y=22$, $v=225$

$$\le =10$$
 , $h=3$, $x=30$, $y=37$, $v=30$

$$w=\!5$$
 , $h=\!2$, $x=\!25$, $y=\!37$, $v=\!10$

$$\le =21$$
 , $h=16$, $x=4$, $y=22$, $v=336$