${\bf ClassName:}~{\bf Class_03.2bp\text{-}32}$

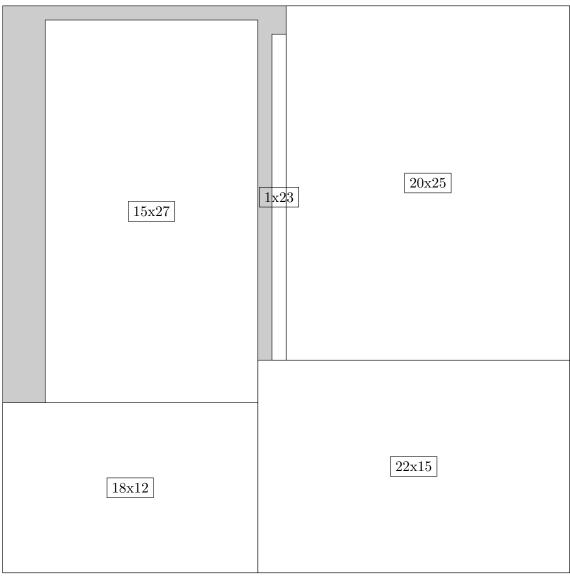
BinSize: 40×40 ReduceSize: 40×40

TypeNum: <u>**76**</u> Num: **80** OutS: **28800** InS: 24830Rate: $\underline{0.862}$ UB: <u>18</u> LB: **18**

LBWithCut: 18 NodeCount: $\mathbf{0}$ PrimalNode: $\mathbf{0}$ ${\bf ColumnCount:~} \underline{\bf 18}$ $TotalCutCount: \ \mathbf{0}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: 1 PricingSolverCnt: $\underline{\mathbf{0}}$ Branch And
Bound Num: $\underline{\mathbf{1}}$

isOpt: **true**

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: $\underline{0.078 \text{ s}}$ TotalTime: 0.235 s

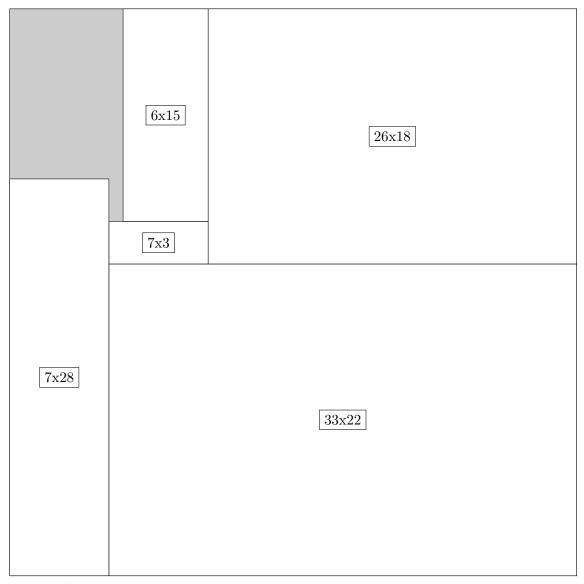


$$\le =22$$
 , h =15 , x =18 , y =0 , v =330

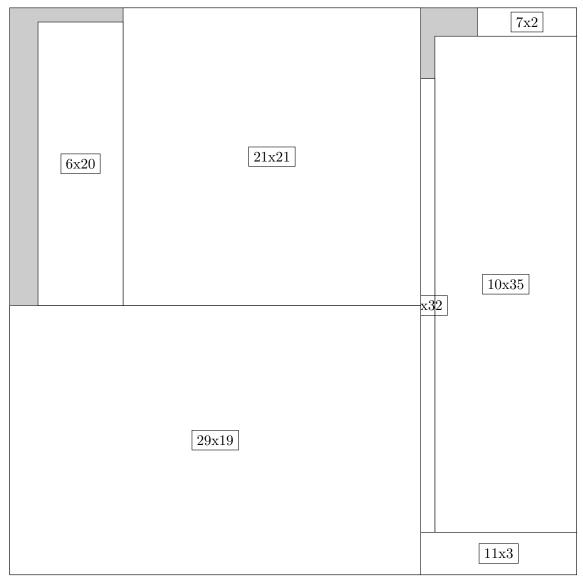
$$w=\!20$$
 , $h=\!25$, $x=\!20$, $y=\!15$, $v=\!500$

$$w = 1$$
, $h = 23$, $x = 19$, $y = 15$, $v = 23$

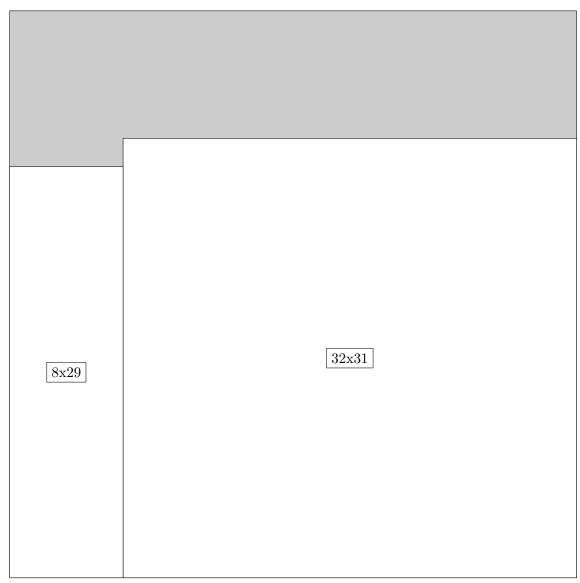
$$w = 18$$
, $h = 12$, $x = 0$, $y = 0$, $v = 216$



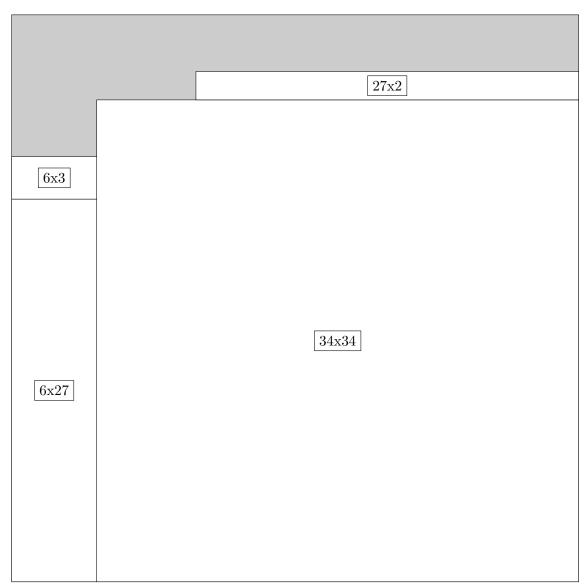
$$\begin{array}{l} w = \! 33 \; , \; h = \! 22 \; , \; x = \! 7 \; , \; y = \! 0 \; , \; v = \! 726 \\ w = \! 26 \; , \; h = \! 18 \; , \; x = \! 14 \; , \; y = \! 22 \; , \; v = \! 468 \\ w = \! 7 \; , \; h = \! 3 \; , \; x = \! 7 \; , \; y = \! 22 \; , \; v = \! 21 \\ w = \! 6 \; , \; h = \! 15 \; , \; x = \! 8 \; , \; y = \! 25 \; , \; v = \! 90 \\ w = \! 7 \; , \; h = \! 28 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 196 \end{array}$$



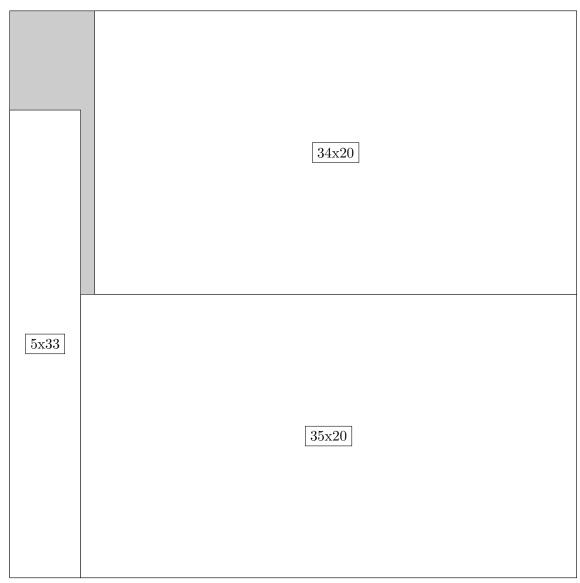
 $\begin{array}{l} w = & 11 \;,\; h = & 3 \;,\; x = & 29 \;,\; y = & 0 \;,\; v = & 33 \\ w = & 10 \;,\; h = & 35 \;,\; x = & 30 \;,\; y = & 3 \;,\; v = & 350 \\ w = & 1 \;,\; h = & 32 \;,\; x = & 29 \;,\; y = & 3 \;,\; v = & 32 \\ w = & 7 \;,\; h = & 2 \;,\; x = & 33 \;,\; y = & 38 \;,\; v = & 14 \\ w = & 29 \;,\; h = & 19 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 551 \\ w = & 21 \;,\; h = & 21 \;,\; x = & 8 \;,\; y = & 19 \;,\; v = & 441 \\ w = & 6 \;,\; h = & 20 \;,\; x = & 2 \;,\; y = & 19 \;,\; v = & 120 \end{array}$



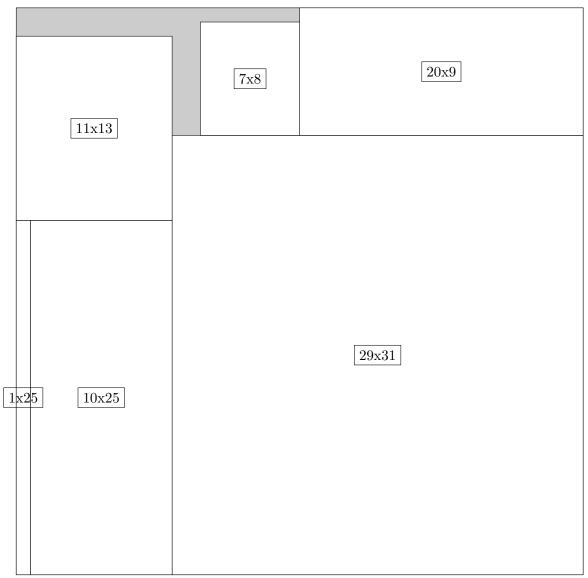
w =32 , h =31 , x =8 , y =0 , v =992 w =8 , h =29 , x =0 , y =0 , v =232



 $\begin{array}{l} w = \!\! 34 \ , \ h = \!\! 34 \ , \ x = \!\! 6 \ , \ y = \!\! 0 \ , \ v = \!\! 1156 \\ w = \!\! 6 \ , \ h = \!\! 27 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 162 \\ w = \!\! 6 \ , \ h = \!\! 3 \ , \ x = \!\! 0 \ , \ y = \!\! 27 \ , \ v = \!\! 18 \\ w = \!\! 27 \ , \ h = \!\! 2 \ , \ x = \!\! 13 \ , \ y = \!\! 34 \ , \ v = \!\! 54 \end{array}$



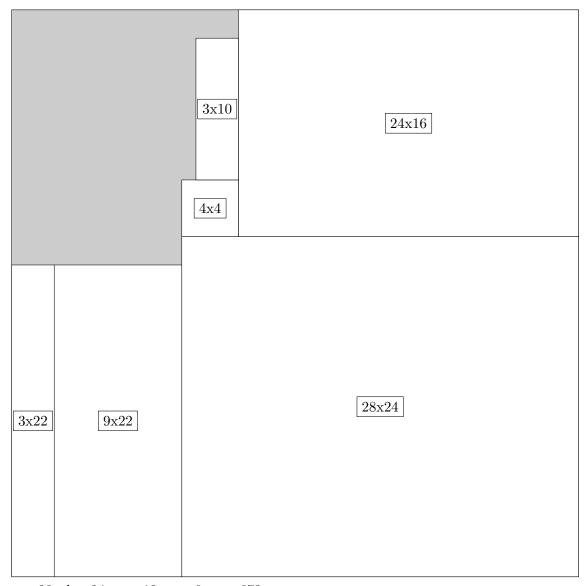
$$\begin{array}{l} w = \! 35 \; , \; h = \! 20 \; , \; x = \! 5 \; , \; y = \! 0 \; , \; v = \! 700 \\ w = \! 34 \; , \; h = \! 20 \; , \; x = \! 6 \; , \; y = \! 20 \; , \; v = \! 680 \\ w = \! 5 \; , \; h = \! 33 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 165 \end{array}$$



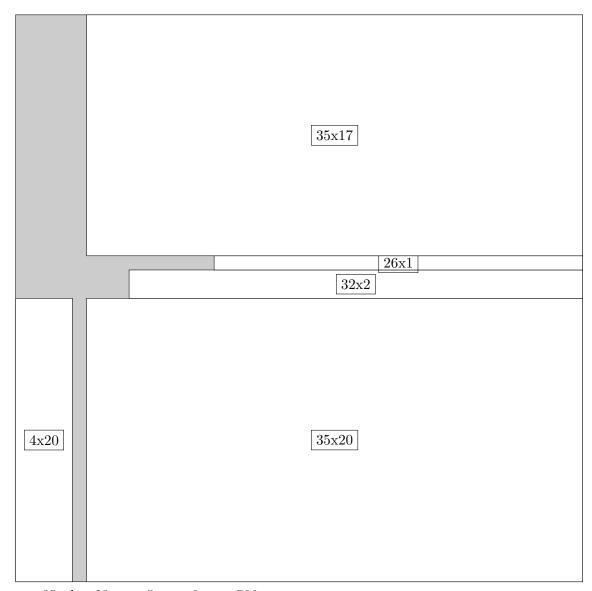
 $\begin{array}{l} w=29 \ , \ h=31 \ , \ x=11 \ , \ y=0 \ , \ v=899 \\ w=20 \ , \ h=9 \ , \ x=20 \ , \ y=31 \ , \ v=180 \\ w=7 \ , \ h=8 \ , \ x=13 \ , \ y=31 \ , \ v=56 \\ w=10 \ , \ h=25 \ , \ x=1 \ , \ y=0 \ , \ v=250 \\ w=1 \ , \ h=25 \ , \ x=0 \ , \ y=0 \ , \ v=25 \\ w=11 \ , \ h=13 \ , \ x=0 \ , \ y=25 \ , \ v=143 \end{array}$

| | [10x7] | [7x8] |
|------------------|--------|-------|
| 23x17 | | |
| | | |
| $23\mathrm{x}22$ | 17x32 | |
| | | |
| | | |

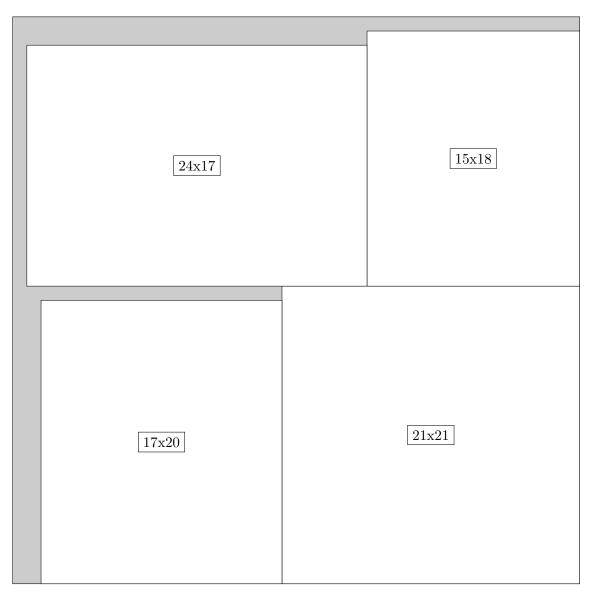
$$\begin{array}{l} w = \! 17 \;,\; h = \! 32 \;,\; x = \! 23 \;,\; y = \! 0 \;,\; v = \! 544 \\ w = \! 7 \;,\; h = \! 8 \;,\; x = \! 33 \;,\; y = \! 32 \;,\; v = \! 56 \\ w = \! 10 \;,\; h = \! 7 \;,\; x = \! 23 \;,\; y = \! 32 \;,\; v = \! 70 \\ w = \! 23 \;,\; h = \! 22 \;,\; x = \! 0 \;,\; y = \! 0 \;,\; v = \! 506 \\ w = \! 23 \;,\; h = \! 17 \;,\; x = \! 0 \;,\; y = \! 22 \;,\; v = \! 391 \end{array}$$



 $\begin{array}{l} w=28\;,\; h=24\;,\; x=12\;,\; y=0\;,\; v=672\\ w=24\;,\; h=16\;,\; x=16\;,\; y=24\;,\; v=384\\ w=4\;,\; h=4\;,\; x=12\;,\; y=24\;,\; v=16\\ w=3\;,\; h=10\;,\; x=13\;,\; y=28\;,\; v=30\\ w=9\;,\; h=22\;,\; x=3\;,\; y=0\;,\; v=198\\ w=3\;,\; h=22\;,\; x=0\;,\; y=0\;,\; v=66 \end{array}$



$$\begin{array}{l} w = & 35 \ , \ h = & 20 \ , \ x = & 5 \ , \ y = & 0 \ , \ v = & 700 \\ w = & 32 \ , \ h = & 2 \ , \ x = & 8 \ , \ y = & 20 \ , \ v = & 64 \\ w = & 26 \ , \ h = & 1 \ , \ x = & 14 \ , \ y = & 22 \ , \ v = & 26 \\ w = & 4 \ , \ h = & 20 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 80 \\ w = & 35 \ , \ h = & 17 \ , \ x = & 5 \ , \ y = & 23 \ , \ v = & 595 \end{array}$$

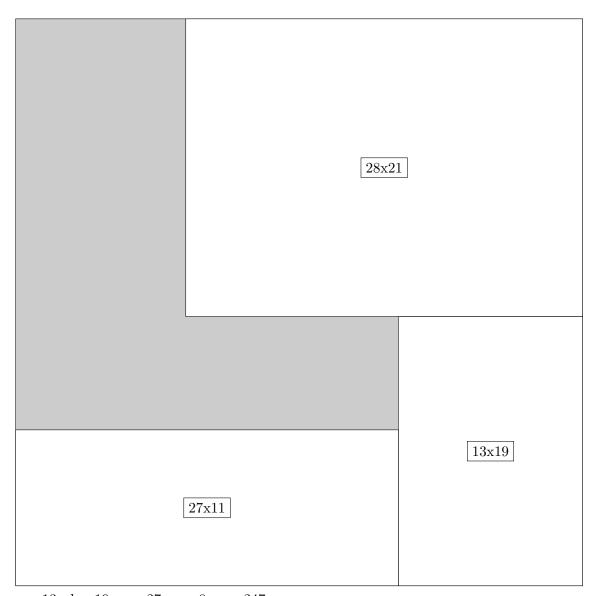


$$w$$
 =21 , h =21 , x =19 , y =0 , v =441

$$w = 17 \ , \ h = 20 \ , \ x = 2 \ , \ y = 0 \ , \ v = 340$$

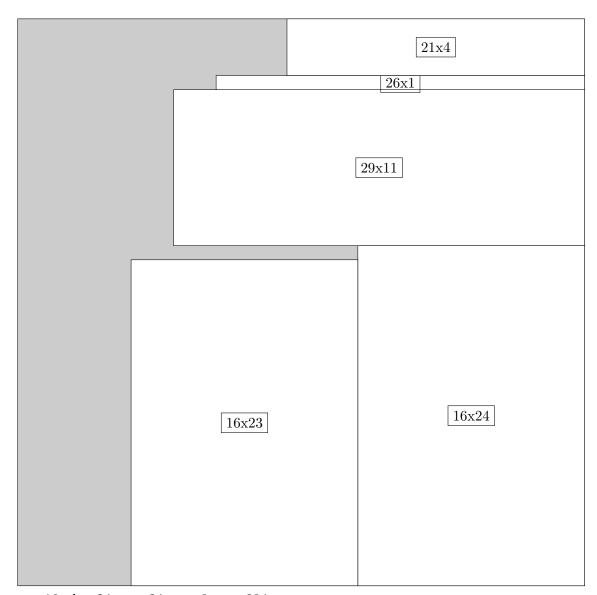
$$\le =15$$
 , h =18 , x =25 , y =21 , v =270

$$\mathbf{w}$$
 =24 , h =17 , x =1 , y =21 , v =408



$$\begin{array}{l} w = \! 13 \ , \ h = \! 19 \ , \ x = \! 27 \ , \ y = \! 0 \ , \ v = \! 247 \\ w = \! 27 \ , \ h = \! 11 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 297 \end{array}$$

$$w = 28$$
, $h = 21$, $x = 12$, $y = 19$, $v = 588$



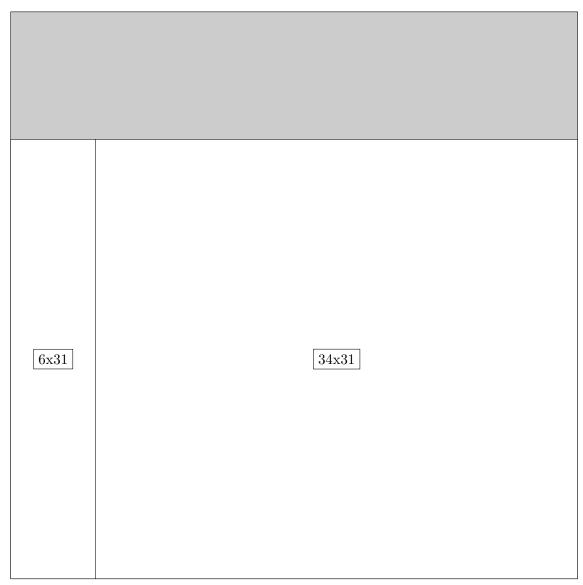
$$w$$
 =16 , h =24 , x =24 , y =0 , v =384

$$\le =16$$
 , h =23 , x =8 , y =0 , v =368

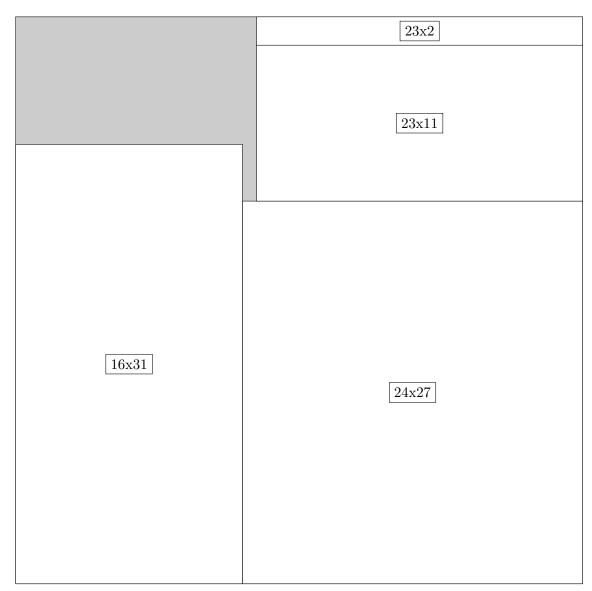
$$\le =29$$
 , h =11 , x =11 , y =24 , v =319

$$\le =26$$
 , h =1 , x =14 , y =35 , v =26

$$w$$
 =21 , h =4 , x =19 , y =36 , v =84



w =34, h =31, x =6, y =0, v =1054 w =6, h =31, x =0, y =0, v =186

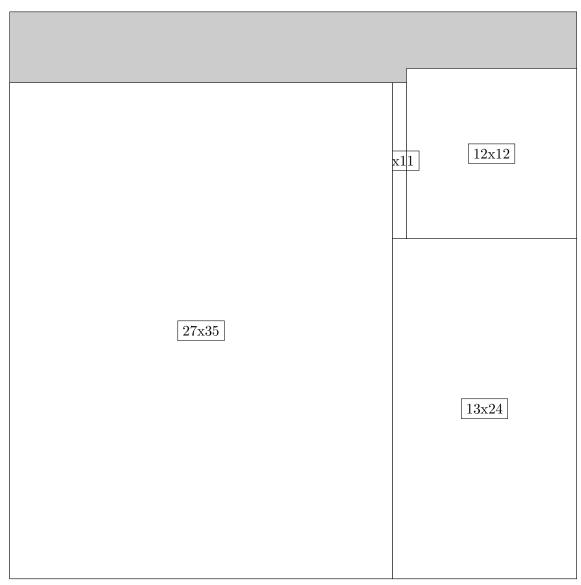


$$\le 24$$
 , $h = 27$, $x = 16$, $y = 0$, $v = 648$

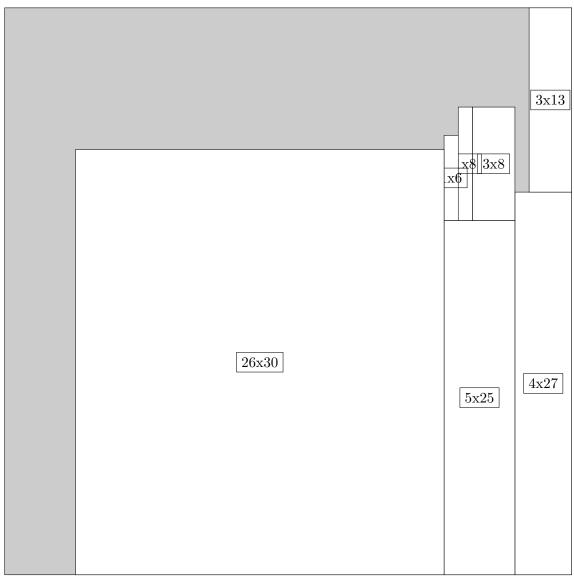
$$w = 23$$
, $h = 11$, $x = 17$, $y = 27$, $v = 253$

$$\le =23$$
 , h =2 , x =17 , y =38 , v =46

$$\le =16$$
 , $h=31$, $x=0$, $y=0$, $v=496$



 $\begin{array}{l} w = \! 13 \ , \ h = \! 24 \ , \ x = \! 27 \ , \ y = \! 0 \ , \ v = \! 312 \\ w = \! 12 \ , \ h = \! 12 \ , \ x = \! 28 \ , \ y = \! 24 \ , \ v = \! 144 \\ w = \! 1 \ , \ h = \! 11 \ , \ x = \! 27 \ , \ y = \! 24 \ , \ v = \! 11 \\ w = \! 27 \ , \ h = \! 35 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 945 \end{array}$



w = 4, h = 27, x = 36, y = 0, v = 108

 $\le =3$, h =13 , x =37 , y =27 , v =39

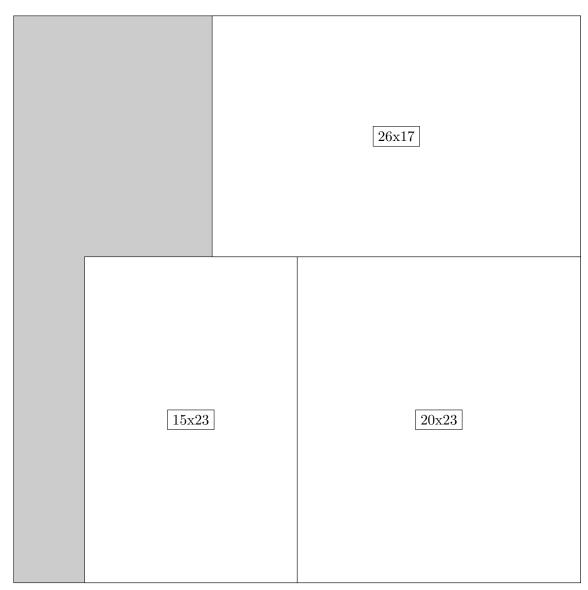
 ≤ 5 , h = 25 , x = 31 , y = 0 , v = 125

 $\le =3$, h = 8 , x = 33 , y = 25 , v = 24

 \mathbf{w} =1 , h =8 , x =32 , y =25 , v =8

 \mathbf{w} =1 , h =6 , x =31 , y =25 , v =6

 $\le =26$, h =30 , x =5 , y =0 , v =780



$$w$$
 =20 , h =23 , x =20 , y =0 , v =460

$$\le =15$$
 , h =23 , x =5 , y =0 , v =345

$$\le =26$$
 , h =17 , x =14 , y =23 , v =442