${\bf ClassName:}\ {\bf Class\_03.2bp\text{-}37}$ 

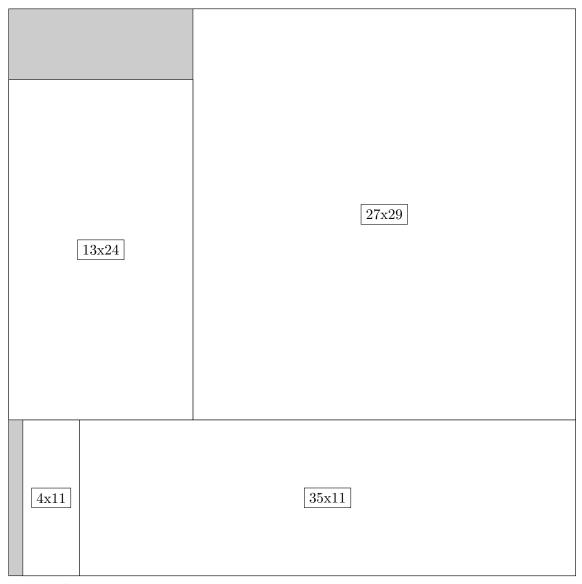
 $\begin{array}{ccc} \text{BinSize: } \underline{40} & \overline{\times} & \underline{40} \\ \text{ReduceSize: } \underline{40} & \times & \underline{40} \end{array}$ 

TypeNum: <u>76</u> Num: <u>80</u> OutS: <u>35200</u> InS: <u>28863</u> Rate: <u>0.820</u> UB: <u>22</u> LB: <u>22</u>

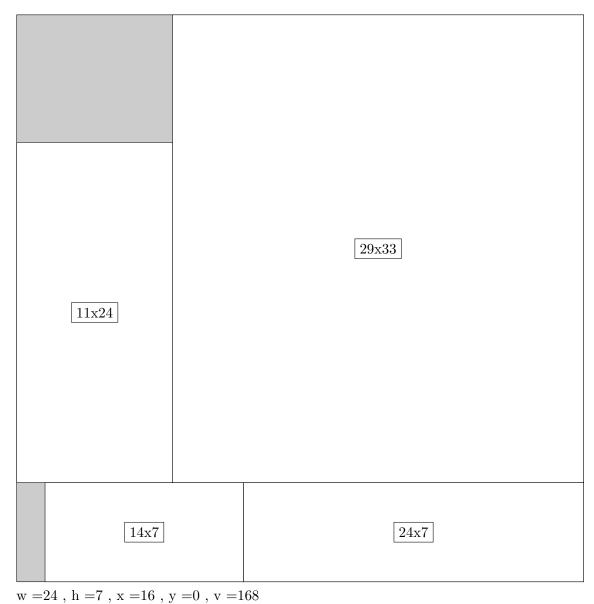
LBWithCut:  $\underline{22}$ NodeCount:  $\underline{0}$ PrimalNode:  $\underline{0}$ ColumnCount:  $\underline{22}$ TotalCutCount:  $\underline{0}$ RootCutCount:  $\underline{0}$ LPSolverCnt:  $\underline{1}$ PricingSolverCnt:  $\underline{0}$ BranchAndBoundNum:  $\underline{1}$ 

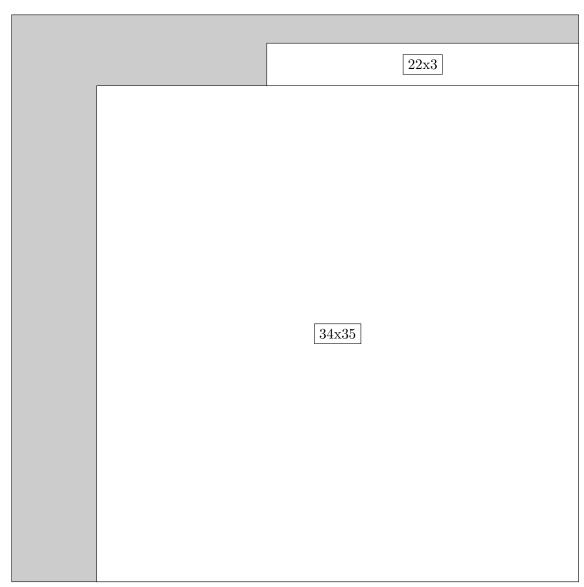
isOpt: **true** 

TimeOnPrimal:  $\underline{0.000 \text{ s}}$ TimeOnPricing:  $\underline{0.000 \text{ s}}$ TimeOnRmp:  $\underline{0.093 \text{ s}}$ TotalTime:  $\underline{0.250 \text{ s}}$ 

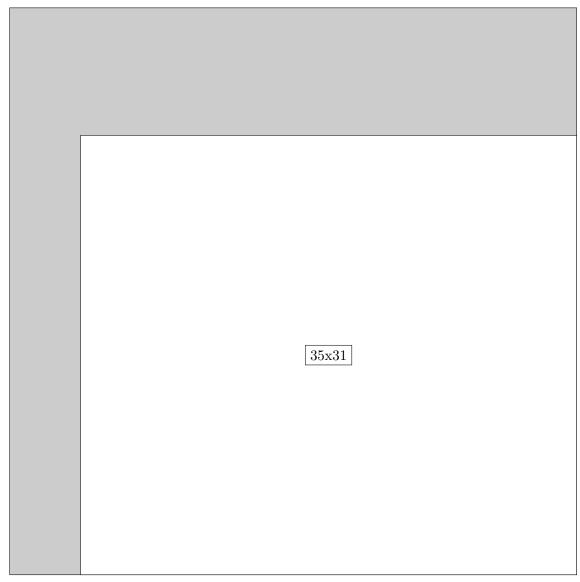


 $\begin{array}{l} w = & 35 \ , \ h = & 11 \ , \ x = & 5 \ , \ y = & 0 \ , \ v = & 385 \\ w = & 4 \ , \ h = & 11 \ , \ x = & 1 \ , \ y = & 0 \ , \ v = & 44 \\ w = & 27 \ , \ h = & 29 \ , \ x = & 13 \ , \ y = & 11 \ , \ v = & 783 \\ w = & 13 \ , \ h = & 24 \ , \ x = & 0 \ , \ y = & 11 \ , \ v = & 312 \end{array}$ 

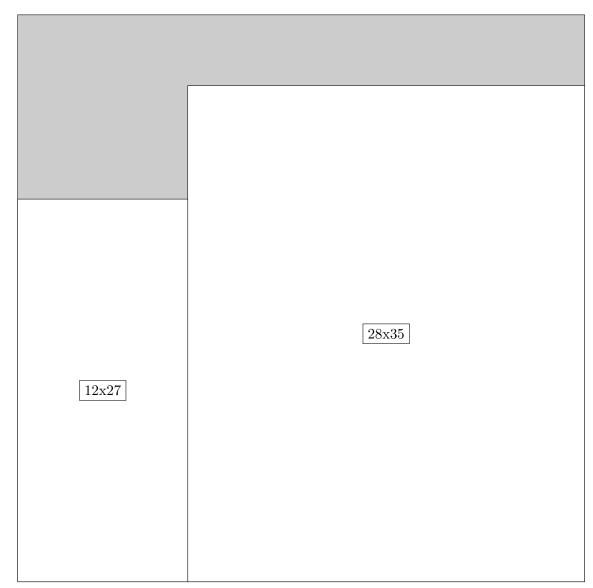




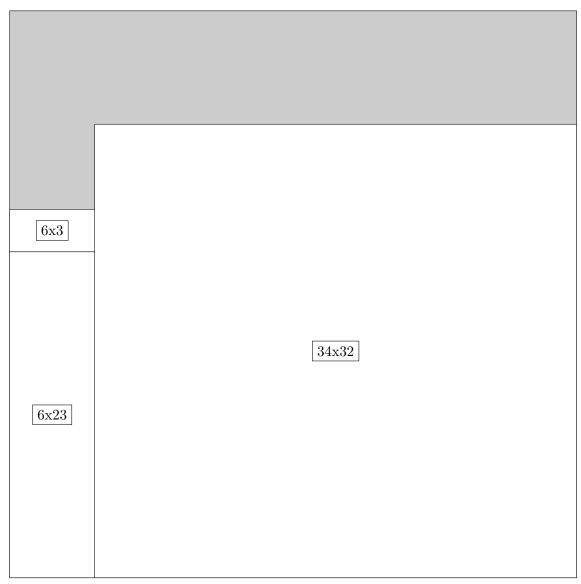
 $\begin{array}{c} w = \! 34 \; , \; h = \! 35 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 1190 \\ w = \! 22 \; , \; h = \! 3 \; , \; x = \! 18 \; , \; y = \! 35 \; , \; v = \! 66 \\ \end{array}$ 



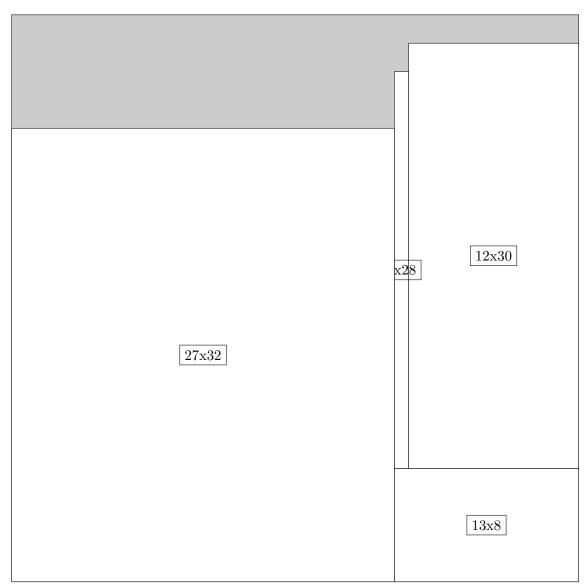
 $\le =35$  , h =31 , x =5 , y =0 , v =1085



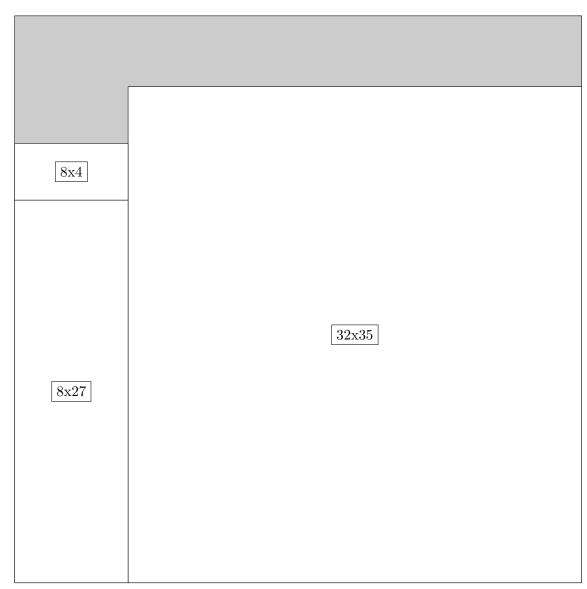
$$\begin{array}{l} w = \! 28 \ , \ h = \! 35 \ , \ x = \! 12 \ , \ y = \! 0 \ , \ v = \! 980 \\ w = \! 12 \ , \ h = \! 27 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 324 \end{array}$$



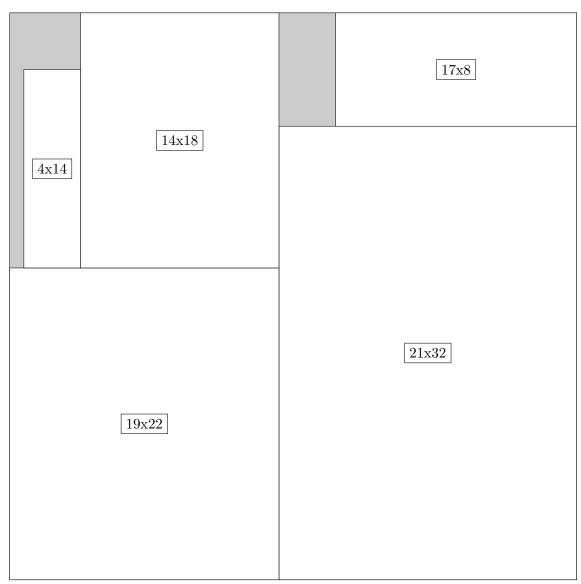
 $\begin{array}{l} w = \!\! 34 \ , \, h = \!\! 32 \ , \, x = \!\! 6 \ , \, y = \!\! 0 \ , \, v = \!\! 1088 \\ w = \!\! 6 \ , \, h = \!\! 23 \ , \, x = \!\! 0 \ , \, y = \!\! 0 \ , \, v = \!\! 138 \\ w = \!\! 6 \ , \, h = \!\! 3 \ , \, x = \!\! 0 \ , \, y = \!\! 23 \ , \, v = \!\! 18 \end{array}$ 



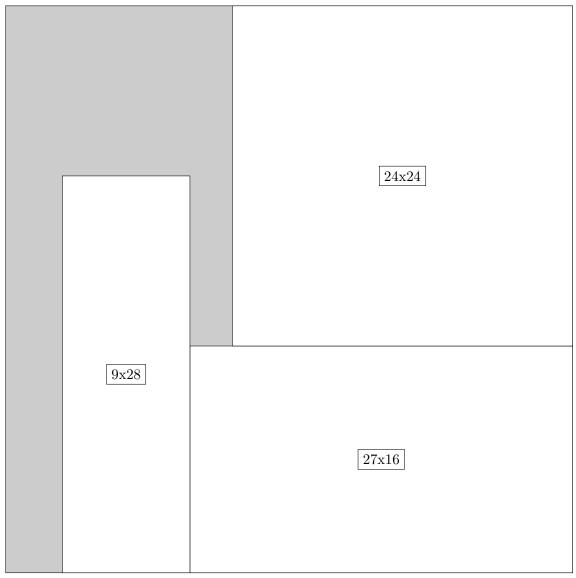
 $\begin{array}{l} w = \! 13 \ , \ h = \! 8 \ , \ x = \! 27 \ , \ y = \! 0 \ , \ v = \! 104 \\ w = \! 12 \ , \ h = \! 30 \ , \ x = \! 28 \ , \ y = \! 8 \ , \ v = \! 360 \\ w = \! 1 \ , \ h = \! 28 \ , \ x = \! 27 \ , \ y = \! 8 \ , \ v = \! 28 \\ w = \! 27 \ , \ h = \! 32 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 864 \end{array}$ 



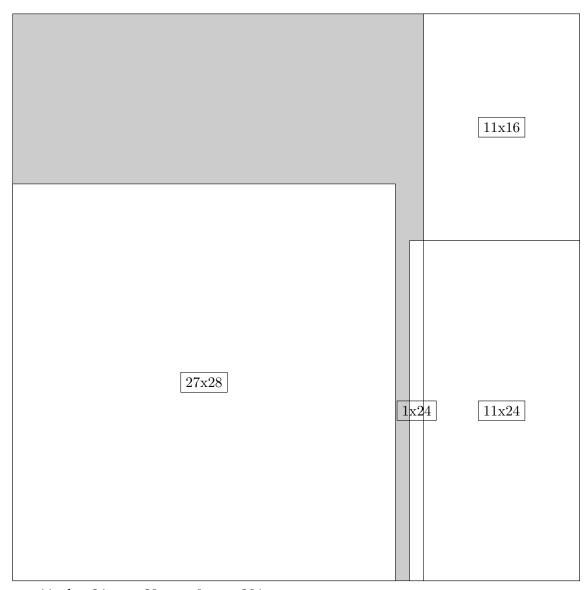
 $\begin{array}{l} w = & 32 \ , \ h = & 35 \ , \ x = & 8 \ , \ y = & 0 \ , \ v = & 1120 \\ w = & 8 \ , \ h = & 27 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 216 \\ w = & 8 \ , \ h = & 4 \ , \ x = & 0 \ , \ y = & 27 \ , \ v = & 32 \end{array}$ 



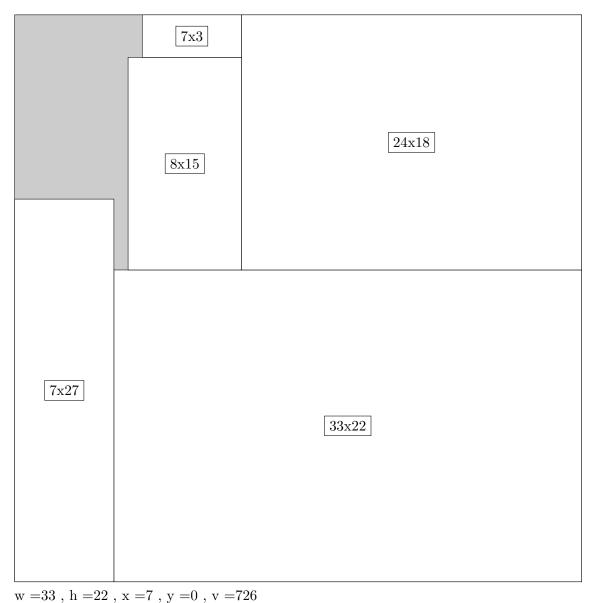
$$\begin{array}{l} w=21 \ , \ h=32 \ , \ x=19 \ , \ y=0 \ , \ v=672 \\ w=17 \ , \ h=8 \ , \ x=23 \ , \ y=32 \ , \ v=136 \\ w=19 \ , \ h=22 \ , \ x=0 \ , \ y=0 \ , \ v=418 \\ w=14 \ , \ h=18 \ , \ x=5 \ , \ y=22 \ , \ v=252 \\ w=4 \ , \ h=14 \ , \ x=1 \ , \ y=22 \ , \ v=56 \end{array}$$



 $\begin{array}{l} w = \!\!27 \ , \ h = \!\!16 \ , \ x = \!\!13 \ , \ y = \!\!0 \ , \ v = \!\!432 \\ w = \!\!24 \ , \ h = \!\!24 \ , \ x = \!\!16 \ , \ y = \!\!16 \ , \ v = \!\!576 \\ w = \!\!9 \ , \ h = \!\!28 \ , \ x = \!\!4 \ , \ y = \!\!0 \ , \ v = \!\!252 \end{array}$ 

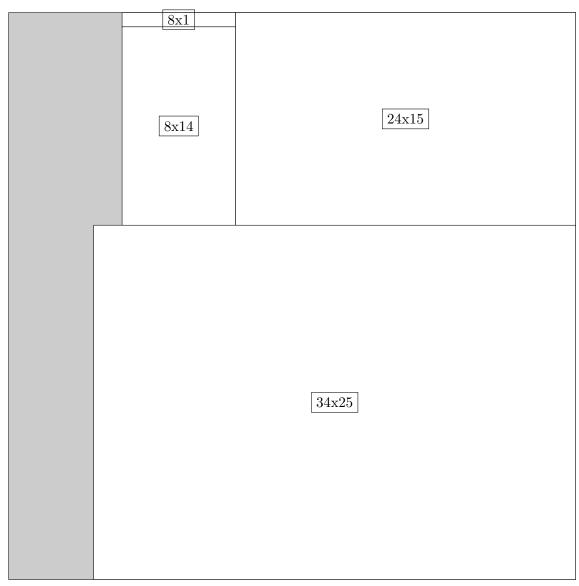


 $\begin{array}{l} w = & 11 \;,\; h = & 24 \;,\; x = & 29 \;,\; y = & 0 \;,\; v = & 264 \\ w = & 1 \;,\; h = & 24 \;,\; x = & 28 \;,\; y = & 0 \;,\; v = & 24 \\ w = & 11 \;,\; h = & 16 \;,\; x = & 29 \;,\; y = & 24 \;,\; v = & 176 \\ w = & 27 \;,\; h = & 28 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 756 \end{array}$ 

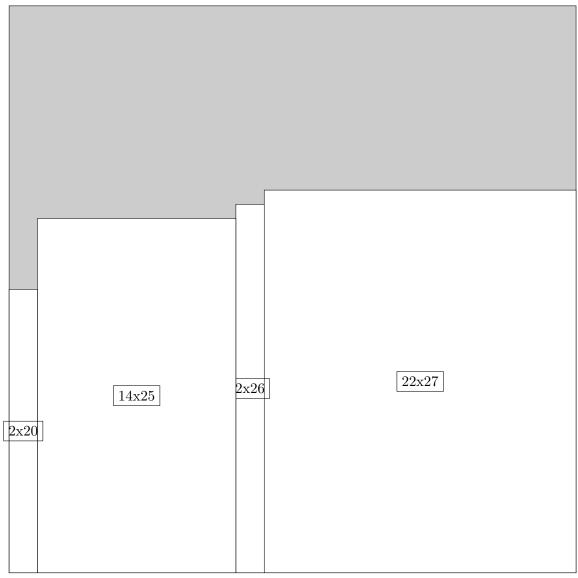


$$w = 7$$
,  $h = 3$ ,  $x = 9$ ,  $y = 37$ ,  $v = 21$ 

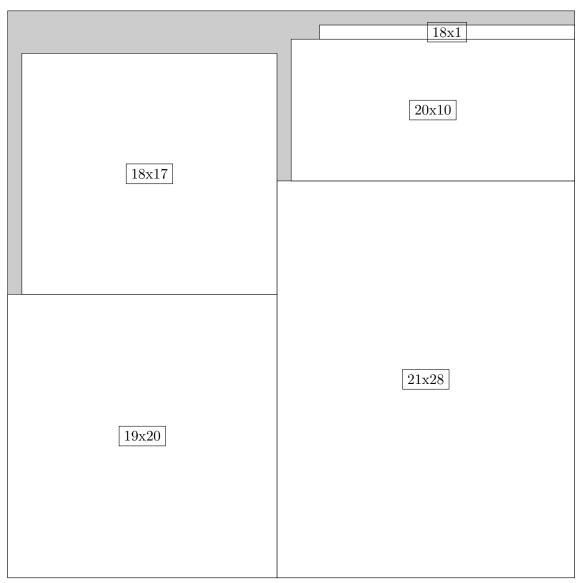
$$\mathbf{w}$$
 =7 ,  $\mathbf{h}$  =27 ,  $\mathbf{x}$  =0 ,  $\mathbf{y}$  =0 ,  $\mathbf{v}$  =189



$$\begin{array}{l} w = \!\! 34 \; , \; h = \!\! 25 \; , \; x = \!\! 6 \; , \; y = \!\! 0 \; , \; v = \!\! 850 \\ w = \!\! 24 \; , \; h = \!\! 15 \; , \; x = \!\! 16 \; , \; y = \!\! 25 \; , \; v = \!\! 360 \\ w = \!\! 8 \; , \; h = \!\! 14 \; , \; x = \!\! 8 \; , \; y = \!\! 25 \; , \; v = \!\! 112 \\ w = \!\! 8 \; , \; h = \!\! 1 \; , \; x = \!\! 8 \; , \; y = \!\! 39 \; , \; v = \!\! 8 \end{array}$$



 $\begin{array}{l} w = 22 \; , \; h = 27 \; , \; x = 18 \; , \; y = 0 \; , \; v = 594 \\ w = 2 \; , \; h = 26 \; , \; x = 16 \; , \; y = 0 \; , \; v = 52 \\ w = 14 \; , \; h = 25 \; , \; x = 2 \; , \; y = 0 \; , \; v = 350 \\ w = 2 \; , \; h = 20 \; , \; x = 0 \; , \; y = 0 \; , \; v = 40 \end{array}$ 



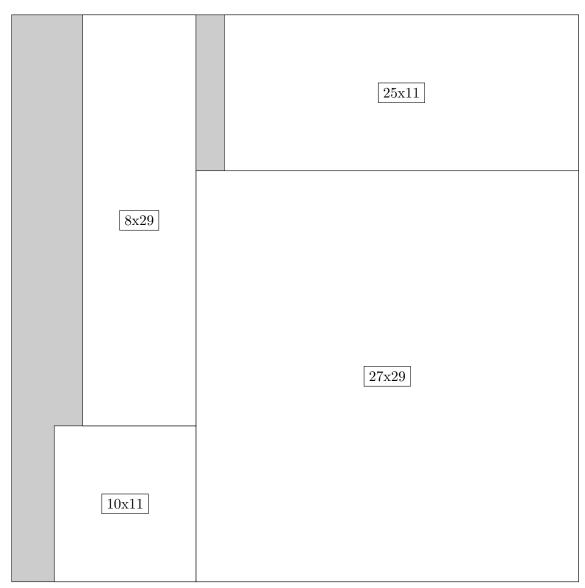
$$w = 21$$
,  $h = 28$ ,  $x = 19$ ,  $y = 0$ ,  $v = 588$ 

$$\le =20$$
 ,  $h$  =10 ,  $x$  =20 ,  $y$  =28 ,  $v$  =200

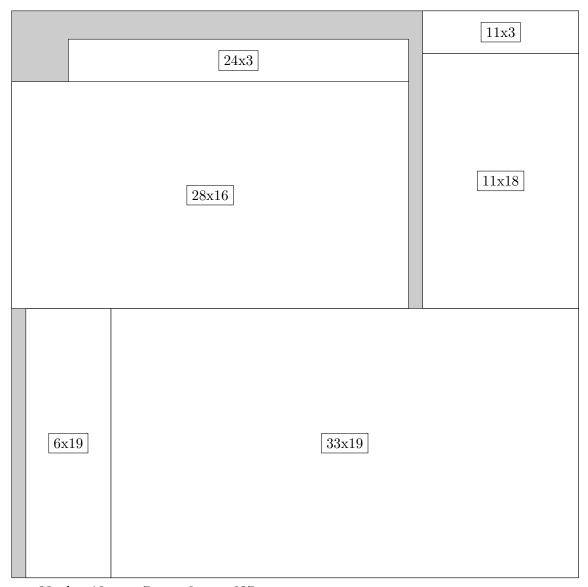
$$\mathbf{w}=\!18$$
 ,  $\mathbf{h}=\!1$  ,  $\mathbf{x}=\!22$  ,  $\mathbf{y}=\!38$  ,  $\mathbf{v}=\!18$ 

$$\mathbf{w}$$
 =19 , h =20 , x =0 , y =0 , v =380

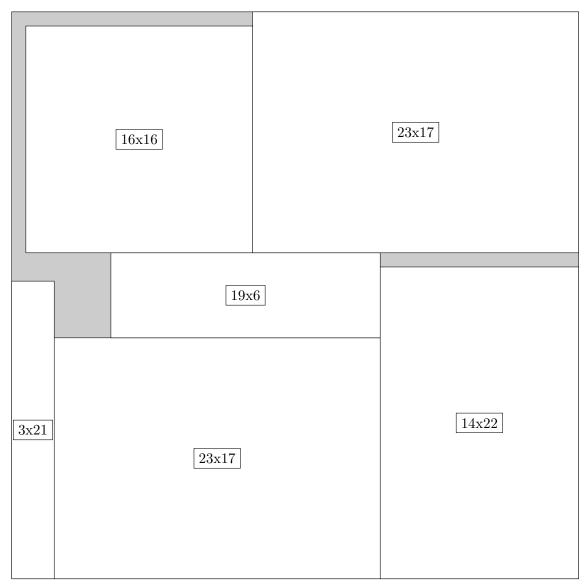
$$\le =18$$
 ,  $h$  =17 ,  $x$  =1 ,  $y$  =20 ,  $v$  =306



$$\begin{array}{l} w = \!\!27 \ , \ h = \!\!29 \ , \ x = \!\!13 \ , \ y = \!\!0 \ , \ v = \!\!783 \\ w = \!\!25 \ , \ h = \!\!11 \ , \ x = \!\!15 \ , \ y = \!\!29 \ , \ v = \!\!275 \\ w = \!\!10 \ , \ h = \!\!11 \ , \ x = \!\!3 \ , \ y = \!\!0 \ , \ v = \!\!110 \\ w = \!\!8 \ , \ h = \!\!29 \ , \ x = \!\!5 \ , \ y = \!\!11 \ , \ v = \!\!232 \end{array}$$



$$\begin{array}{l} w = 33 \; , \; h = 19 \; , \; x = 7 \; , \; y = 0 \; , \; v = 627 \\ w = 6 \; , \; h = 19 \; , \; x = 1 \; , \; y = 0 \; , \; v = 114 \\ w = 11 \; , \; h = 18 \; , \; x = 29 \; , \; y = 19 \; , \; v = 198 \\ w = 11 \; , \; h = 3 \; , \; x = 29 \; , \; y = 37 \; , \; v = 33 \\ w = 28 \; , \; h = 16 \; , \; x = 0 \; , \; y = 19 \; , \; v = 448 \\ w = 24 \; , \; h = 3 \; , \; x = 4 \; , \; y = 35 \; , \; v = 72 \end{array}$$



$$w = 14$$
,  $h = 22$ ,  $x = 26$ ,  $y = 0$ ,  $v = 308$ 

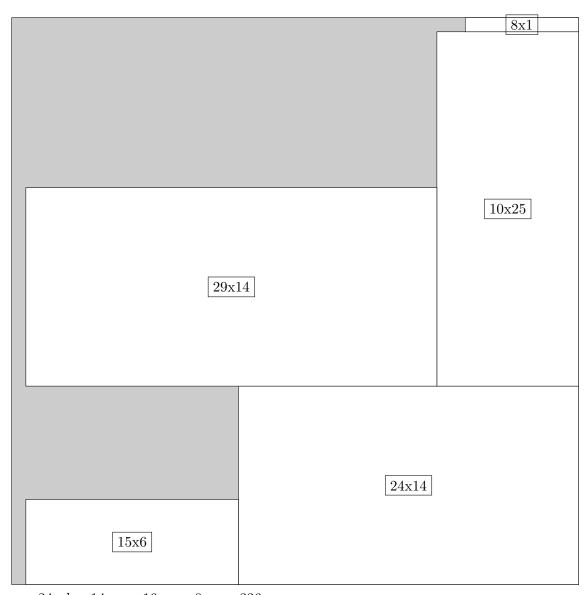
$$w = 23$$
,  $h = 17$ ,  $x = 3$ ,  $y = 0$ ,  $v = 391$ 

$$\mathbf{w}$$
 =19 , h =6 , x =7 , y =17 , v =114

$$\mathbf{w}$$
 =3 , h =21 , x =0 , y =0 , v =63

$$\le =23$$
 , h =17 , x =17 , y =23 , v =391

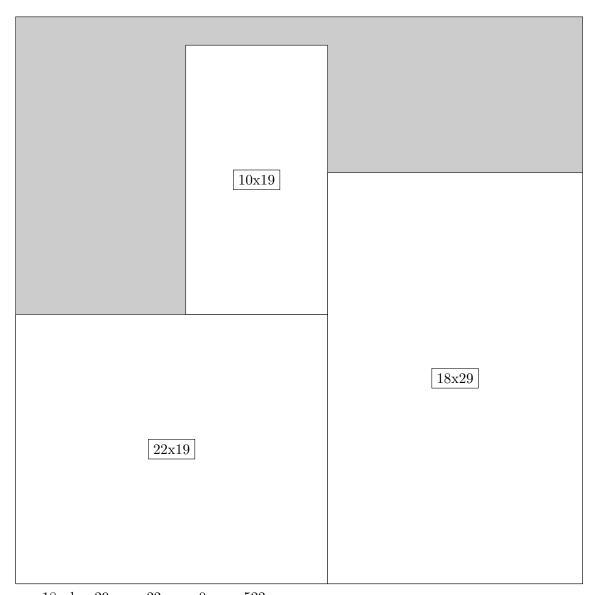
$$\le =16$$
 ,  $h$  =16 ,  $x$  =1 ,  $y$  =23 ,  $v$  =256



$$\begin{array}{l} w = 24 \; , \; h = 14 \; , \; x = 16 \; , \; y = 0 \; , \; v = 336 \\ w = 15 \; , \; h = 6 \; , \; x = 1 \; , \; y = 0 \; , \; v = 90 \\ w = 10 \; , \; h = 25 \; , \; x = 30 \; , \; y = 14 \; , \; v = 250 \\ w = 8 \; , \; h = 1 \; , \; x = 32 \; , \; y = 39 \; , \; v = 8 \\ w = 29 \; , \; h = 14 \; , \; x = 1 \; , \; y = 14 \; , \; v = 406 \end{array}$$

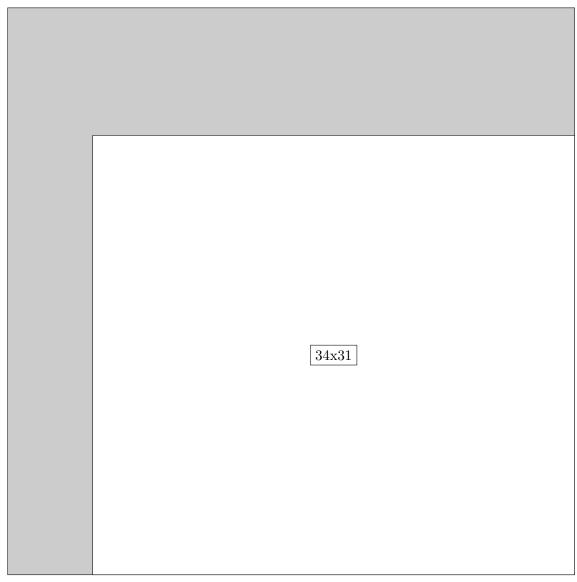


$$\begin{array}{c} w = \! 34 \; , \; h = \! 20 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 680 \\ w = \! 34 \; , \; h = \! 15 \; , \; x = \! 6 \; , \; y = \! 20 \; , \; v = \! 510 \end{array}$$



$$\begin{array}{l} w = \! 18 \; , \; h = \! 29 \; , \; x = \! 22 \; , \; y = \! 0 \; , \; v = \! 522 \\ w = \! 22 \; , \; h = \! 19 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 418 \end{array}$$

$$\le =10$$
 ,  $h=19$  ,  $x=12$  ,  $y=19$  ,  $v=190$ 



 $\le =34$  , h =31 , x =6 , y =0 , v =1054