${\bf ClassName:}\ {\bf Class_03.2bp\text{-}37}$

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

TypeNum: 76
Num: 80
OutS: 35200
InS: 28863
Rate: 0.820
UB: 22

LB0: **22** LB: **22**

LBWithCut: $\underline{22}$ NodeCut: $\underline{0}$

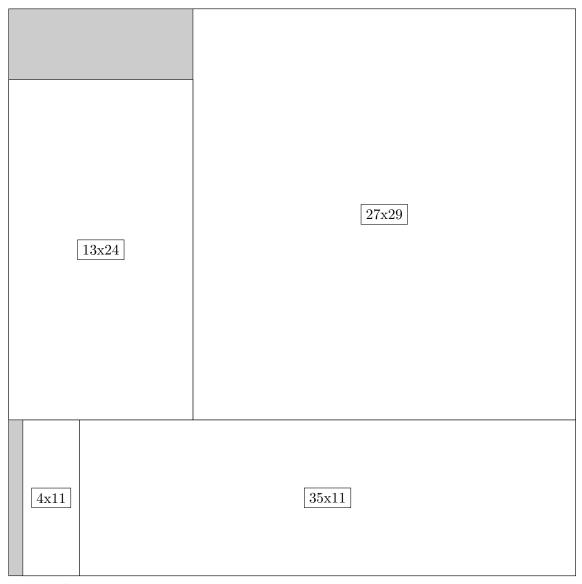
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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

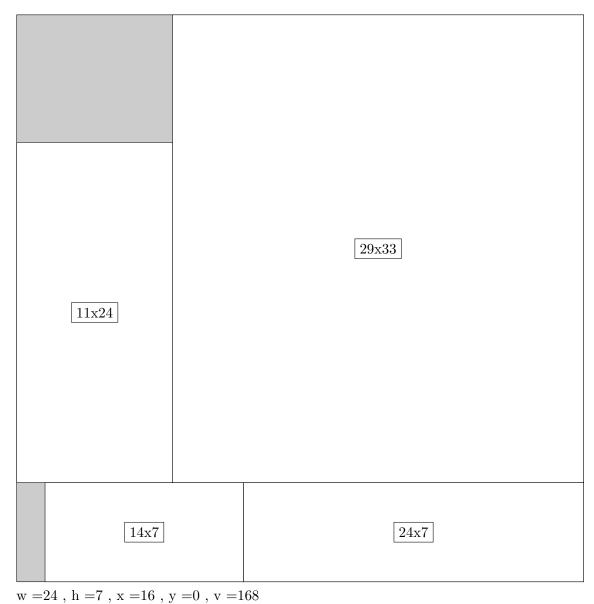
isOpt: **true**

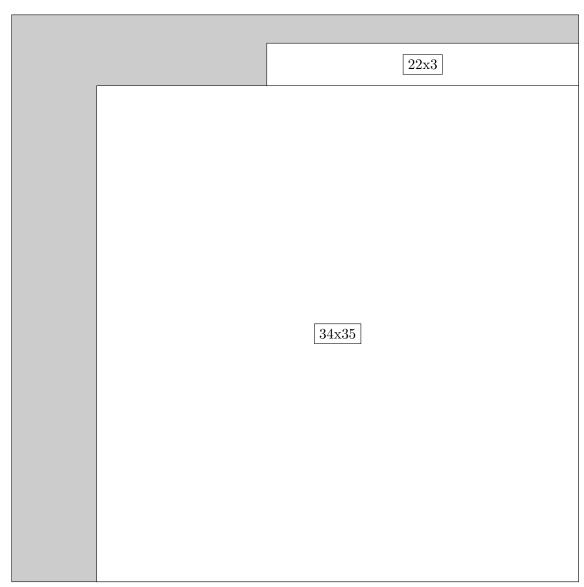
TimeOnInitSolution: $\underline{600.000 \text{ s}}$

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.359 s

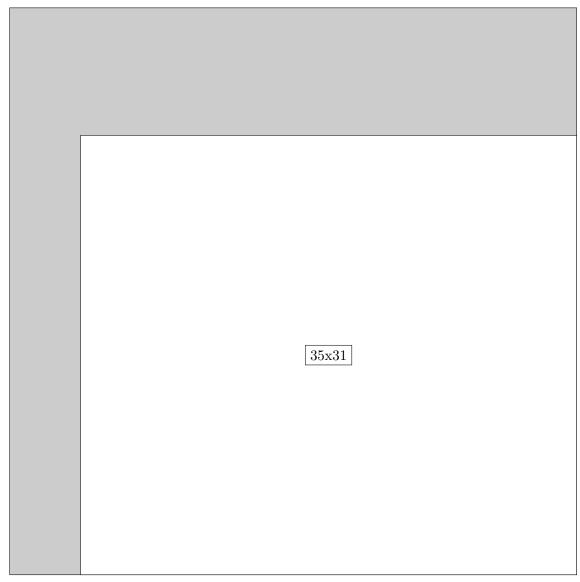


 $\begin{array}{l} w = & 35 \ , \ h = & 11 \ , \ x = & 5 \ , \ y = & 0 \ , \ v = & 385 \\ w = & 4 \ , \ h = & 11 \ , \ x = & 1 \ , \ y = & 0 \ , \ v = & 44 \\ w = & 27 \ , \ h = & 29 \ , \ x = & 13 \ , \ y = & 11 \ , \ v = & 783 \\ w = & 13 \ , \ h = & 24 \ , \ x = & 0 \ , \ y = & 11 \ , \ v = & 312 \end{array}$

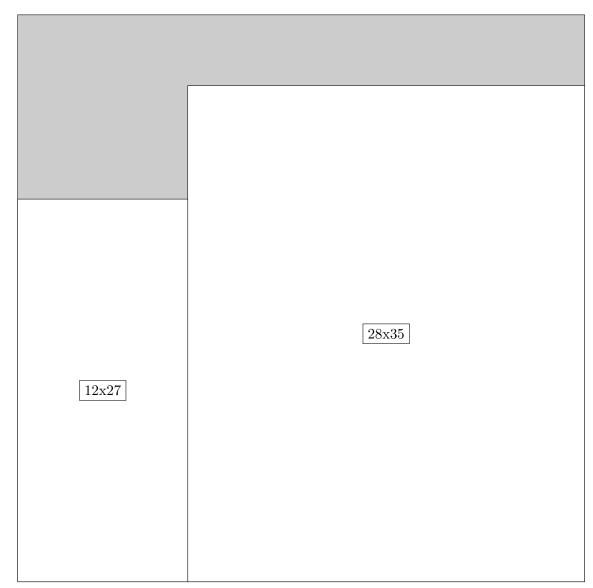




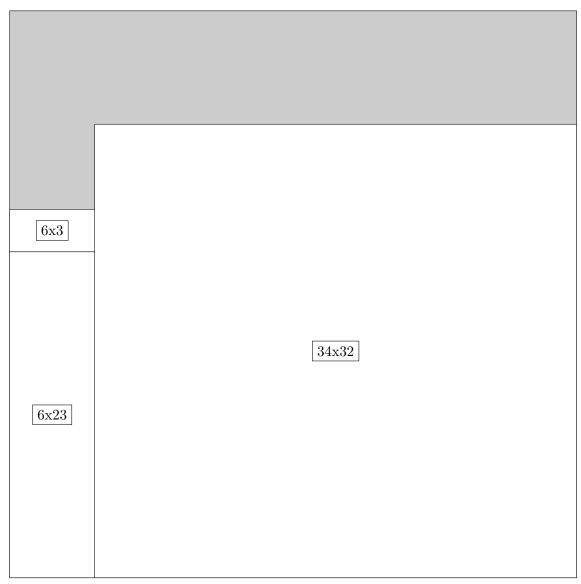
 $\begin{array}{c} w = \! 34 \; , \; h = \! 35 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 1190 \\ w = \! 22 \; , \; h = \! 3 \; , \; x = \! 18 \; , \; y = \! 35 \; , \; v = \! 66 \\ \end{array}$



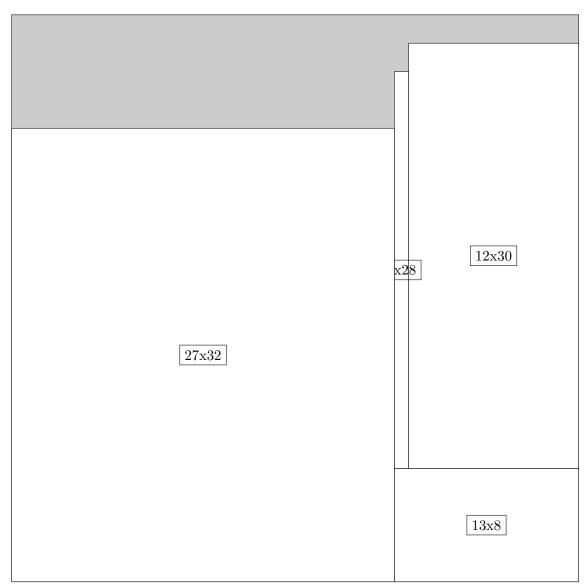
 $\le =35$, h =31 , x =5 , y =0 , v =1085



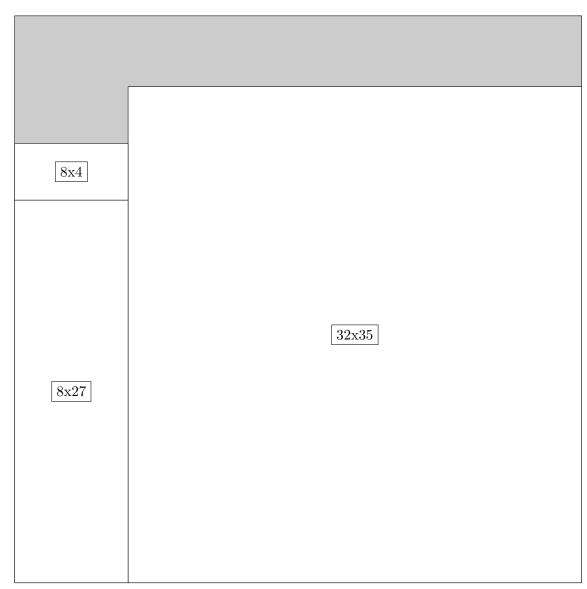
$$\begin{array}{l} w = \! 28 \ , \ h = \! 35 \ , \ x = \! 12 \ , \ y = \! 0 \ , \ v = \! 980 \\ w = \! 12 \ , \ h = \! 27 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 324 \end{array}$$



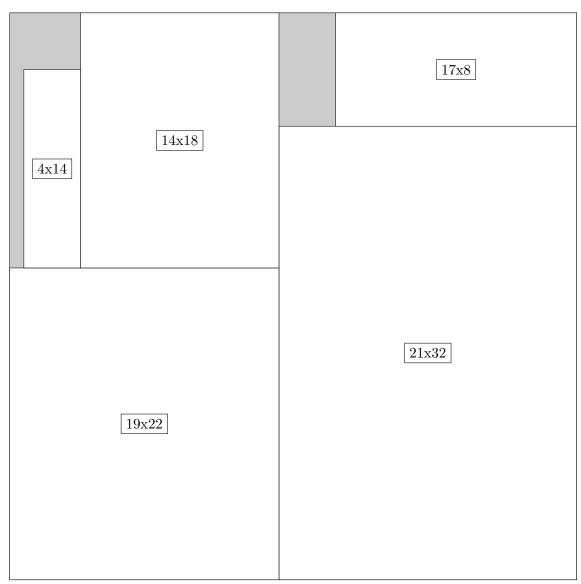
 $\begin{array}{l} w = \!\! 34 \ , \, h = \!\! 32 \ , \, x = \!\! 6 \ , \, y = \!\! 0 \ , \, v = \!\! 1088 \\ w = \!\! 6 \ , \, h = \!\! 23 \ , \, x = \!\! 0 \ , \, y = \!\! 0 \ , \, v = \!\! 138 \\ w = \!\! 6 \ , \, h = \!\! 3 \ , \, x = \!\! 0 \ , \, y = \!\! 23 \ , \, v = \!\! 18 \end{array}$



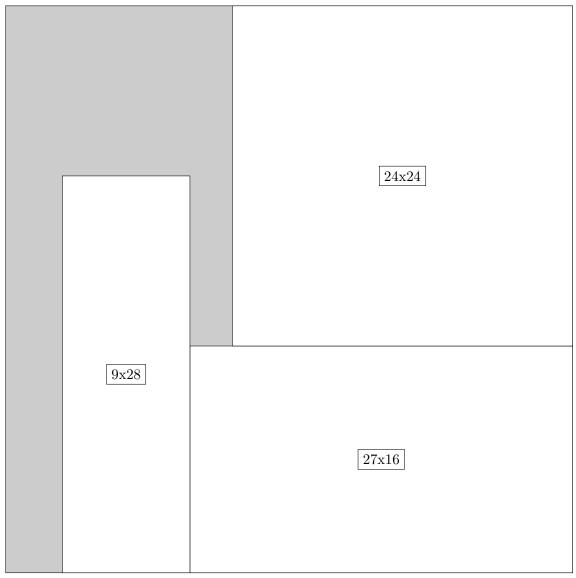
 $\begin{array}{l} w = \! 13 \ , \ h = \! 8 \ , \ x = \! 27 \ , \ y = \! 0 \ , \ v = \! 104 \\ w = \! 12 \ , \ h = \! 30 \ , \ x = \! 28 \ , \ y = \! 8 \ , \ v = \! 360 \\ w = \! 1 \ , \ h = \! 28 \ , \ x = \! 27 \ , \ y = \! 8 \ , \ v = \! 28 \\ w = \! 27 \ , \ h = \! 32 \ , \ x = \! 0 \ , \ y = \! 0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



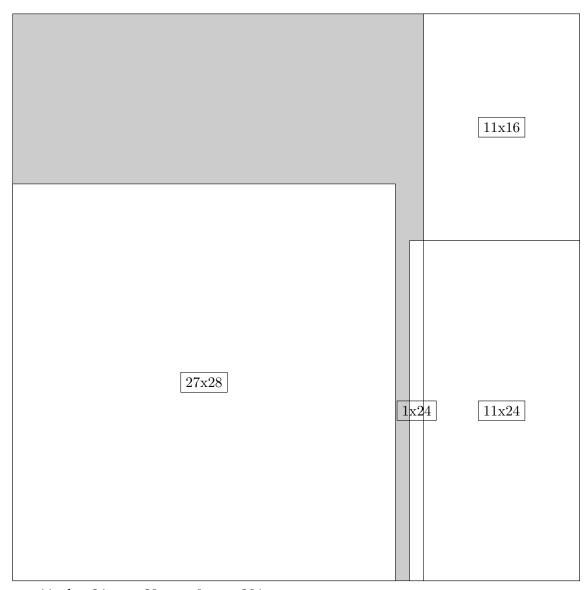
 $\begin{array}{l} w = & 32 \ , \ h = & 35 \ , \ x = & 8 \ , \ y = & 0 \ , \ v = & 1120 \\ w = & 8 \ , \ h = & 27 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 216 \\ w = & 8 \ , \ h = & 4 \ , \ x = & 0 \ , \ y = & 27 \ , \ v = & 32 \end{array}$



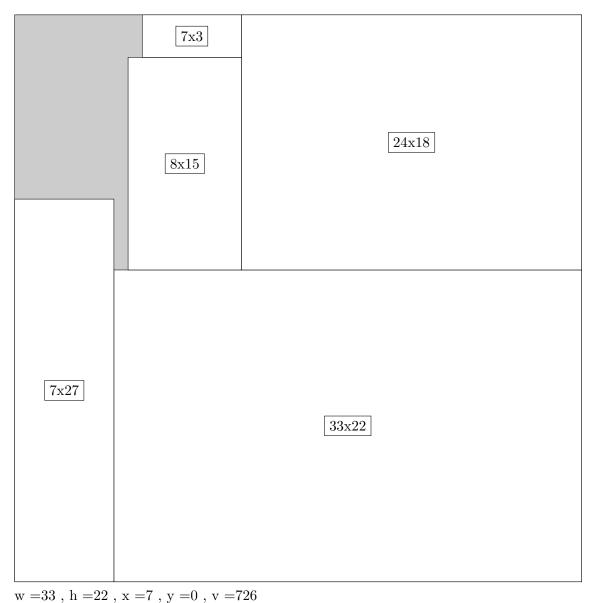
$$\begin{array}{l} w=21 \ , \ h=32 \ , \ x=19 \ , \ y=0 \ , \ v=672 \\ w=17 \ , \ h=8 \ , \ x=23 \ , \ y=32 \ , \ v=136 \\ w=19 \ , \ h=22 \ , \ x=0 \ , \ y=0 \ , \ v=418 \\ w=14 \ , \ h=18 \ , \ x=5 \ , \ y=22 \ , \ v=252 \\ w=4 \ , \ h=14 \ , \ x=1 \ , \ y=22 \ , \ v=56 \end{array}$$



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

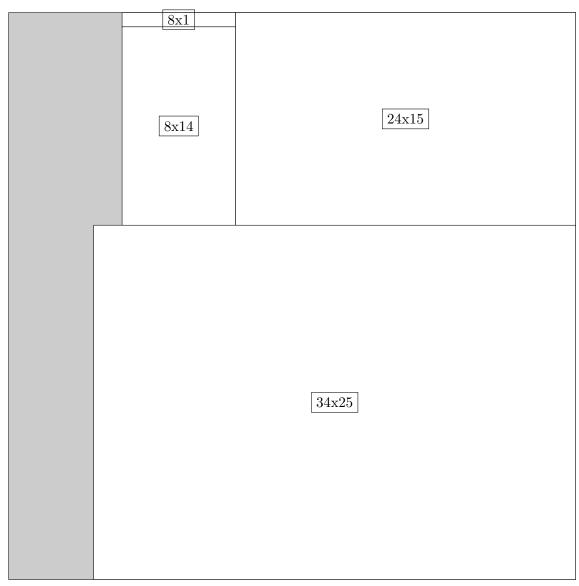


 $\begin{array}{l} w = & 11 \;,\; h = & 24 \;,\; x = & 29 \;,\; y = & 0 \;,\; v = & 264 \\ w = & 1 \;,\; h = & 24 \;,\; x = & 28 \;,\; y = & 0 \;,\; v = & 24 \\ w = & 11 \;,\; h = & 16 \;,\; x = & 29 \;,\; y = & 24 \;,\; v = & 176 \\ w = & 27 \;,\; h = & 28 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 756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

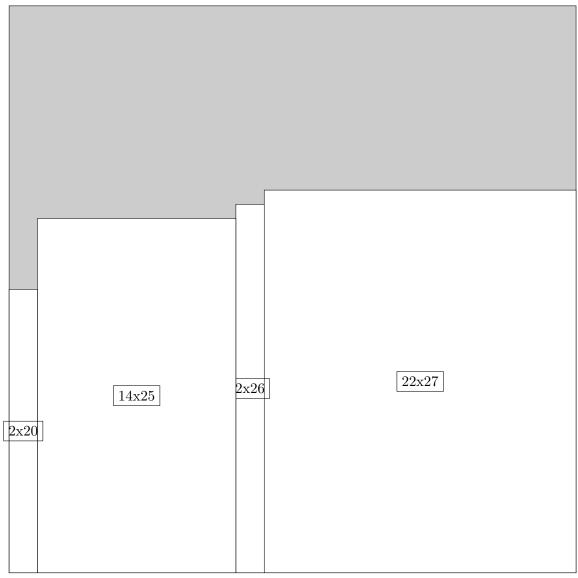


$$w = 7$$
, $h = 3$, $x = 9$, $y = 37$, $v = 21$

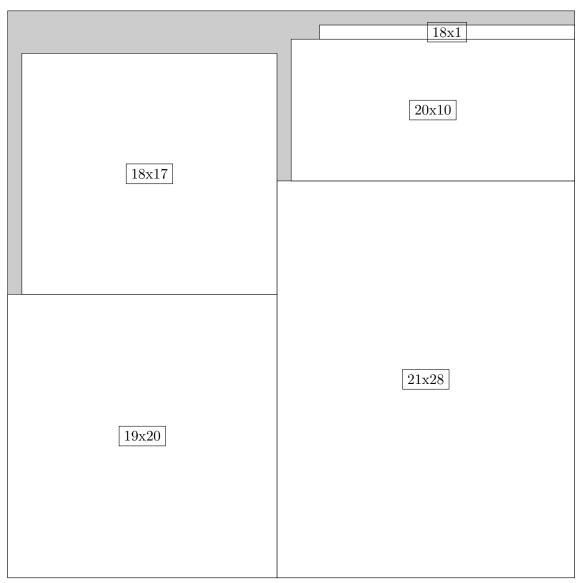
$$\mathbf{w}$$
 =7 , \mathbf{h} =27 , \mathbf{x} =0 , \mathbf{y} =0 , \mathbf{v} =189



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



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



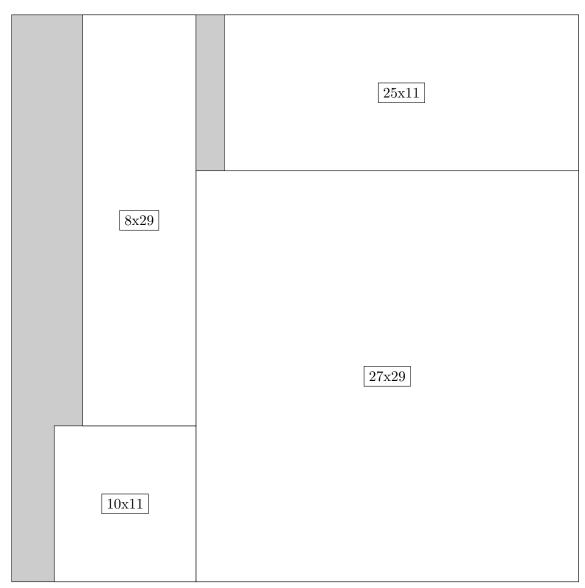
$$w = 21$$
, $h = 28$, $x = 19$, $y = 0$, $v = 588$

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

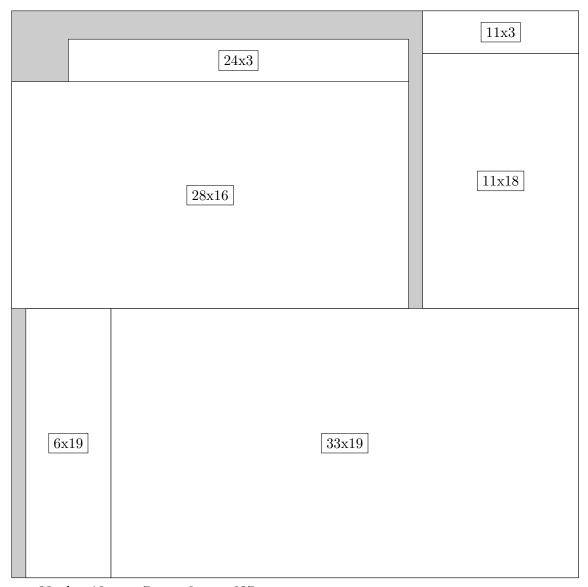
$$\mathbf{w}=\!18$$
 , $\mathbf{h}=\!1$, $\mathbf{x}=\!22$, $\mathbf{y}=\!38$, $\mathbf{v}=\!18$

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

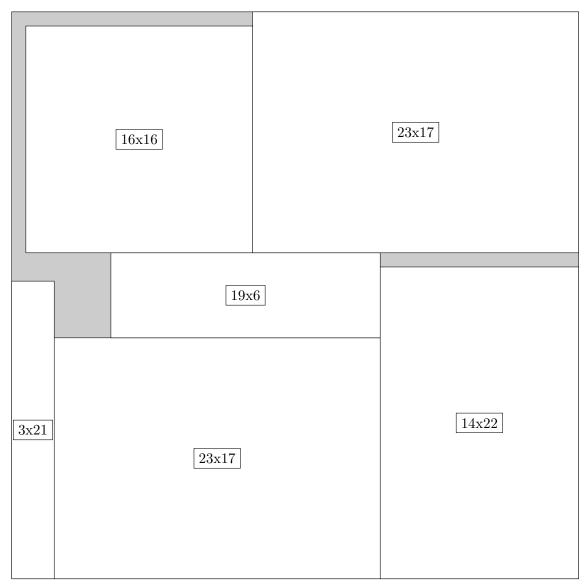
$$\le =18$$
 , h =17 , x =1 , y =20 , v =306



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



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



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

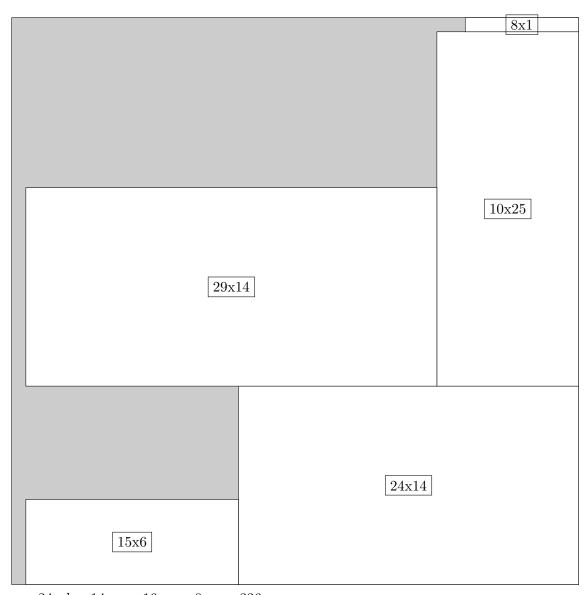
$$w = 23$$
, $h = 17$, $x = 3$, $y = 0$, $v = 391$

$$\mathbf{w}$$
 =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

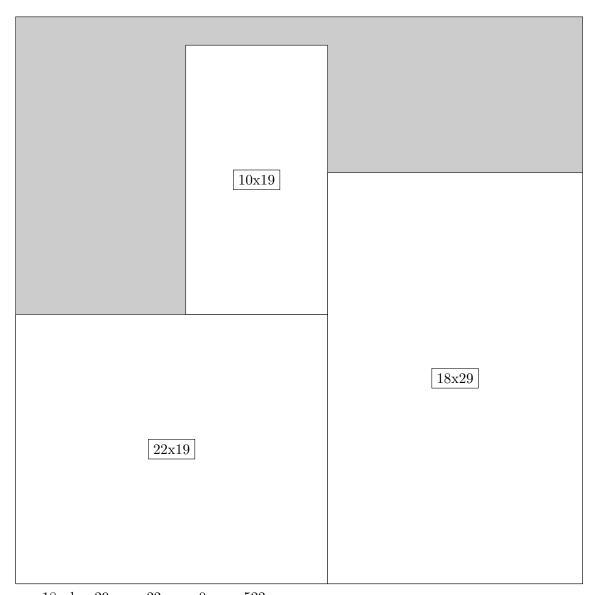
$$\le =16$$
 , h =16 , x =1 , y =23 , v =256



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

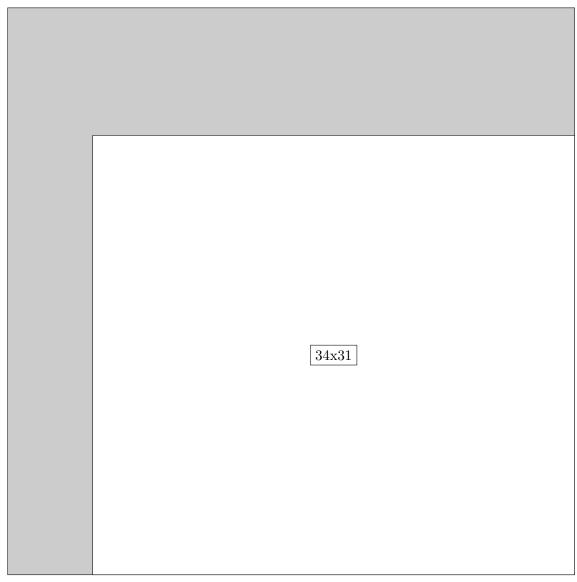


$$\begin{array}{c} w = \! 34 \; , \; h = \! 20 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 680 \\ w = \! 34 \; , \; h = \! 15 \; , \; x = \! 6 \; , \; y = \! 20 \; , \; v = \! 510 \end{array}$$



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

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



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