$ClassName: \ Class_03.2bp\text{-}46$

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

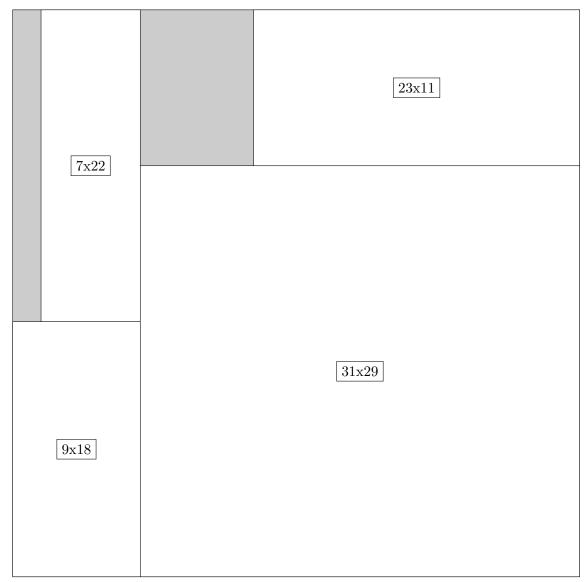
TypeNum: <u>97</u> Num: <u>100</u> OutS: <u>32000</u> InS: <u>29445</u> Rate: <u>0.920</u> UB: <u>20</u>

LB: $\underline{20}$ LBWithCut: $\underline{20}$ NodeCount: $\underline{0}$ PrimalNode: $\underline{0}$ ColumnCount: $\underline{20}$ TotalCutCount: $\underline{0}$ RootCutCount: $\underline{0}$ LPSolverCnt: $\underline{1}$

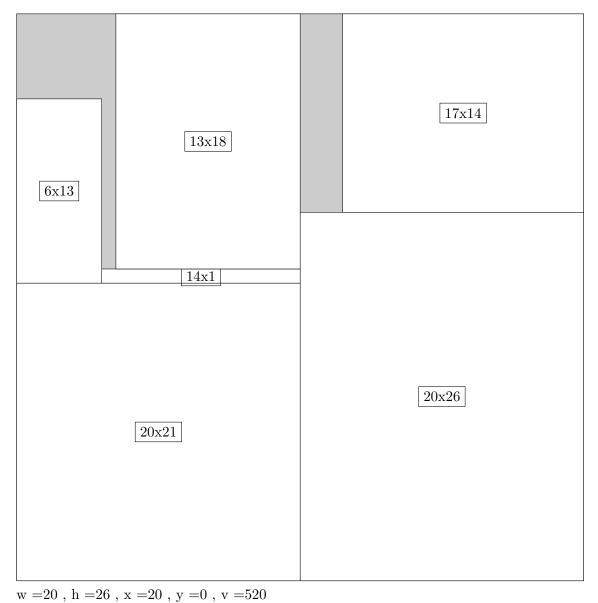
PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

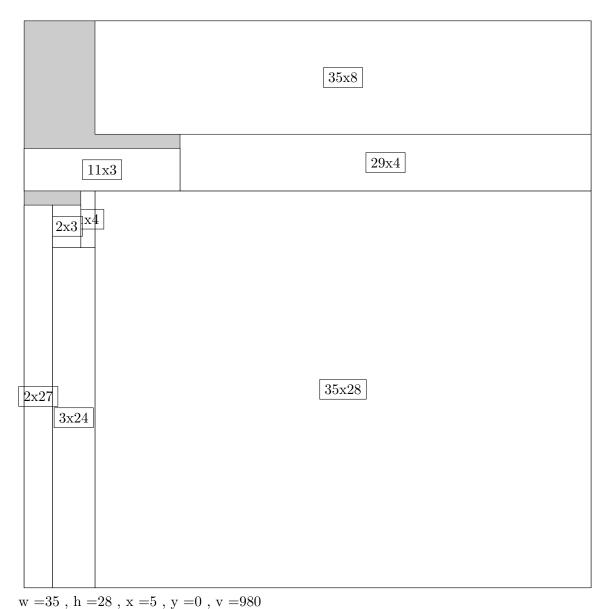
isOpt: **true**

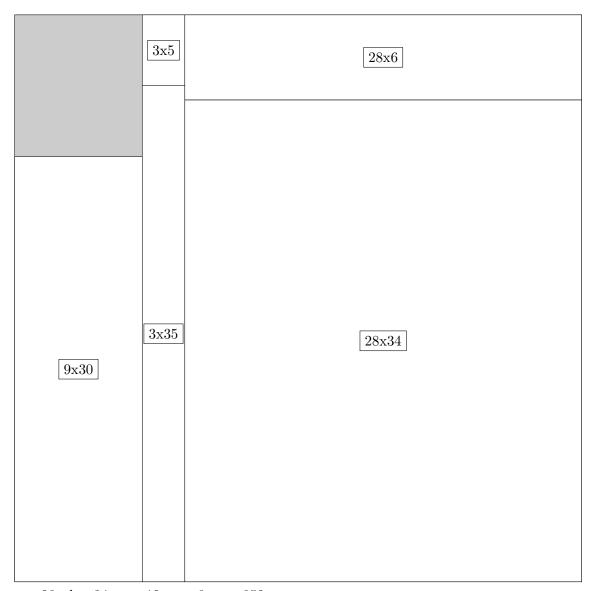
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 0.281 s



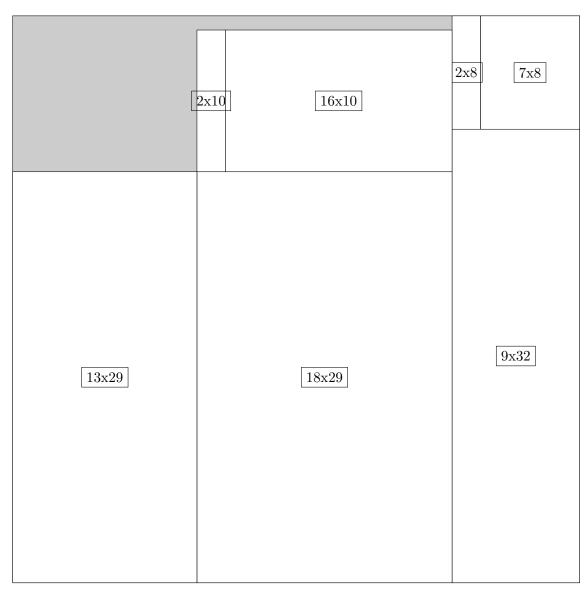
 $\begin{array}{l} w = & 31 \ , \ h = & 29 \ , \ x = & 9 \ , \ y = & 0 \ , \ v = & 899 \\ w = & 23 \ , \ h = & 11 \ , \ x = & 17 \ , \ y = & 29 \ , \ v = & 253 \\ w = & 9 \ , \ h = & 18 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 162 \\ w = & 7 \ , \ h = & 22 \ , \ x = & 2 \ , \ y = & 18 \ , \ v = & 154 \end{array}$







 $\begin{array}{l} w=28 \;,\, h=34 \;,\, x=12 \;,\, y=0 \;,\, v=952 \\ w=28 \;,\, h=6 \;,\, x=12 \;,\, y=34 \;,\, v=168 \\ w=3 \;,\, h=35 \;,\, x=9 \;,\, y=0 \;,\, v=105 \\ w=3 \;,\, h=5 \;,\, x=9 \;,\, y=35 \;,\, v=15 \\ w=9 \;,\, h=30 \;,\, x=0 \;,\, y=0 \;,\, v=270 \end{array}$



w = 9, h = 32, x = 31, y = 0, v = 288

 $\le =7$, h = 8 , x = 33 , y = 32 , v = 56

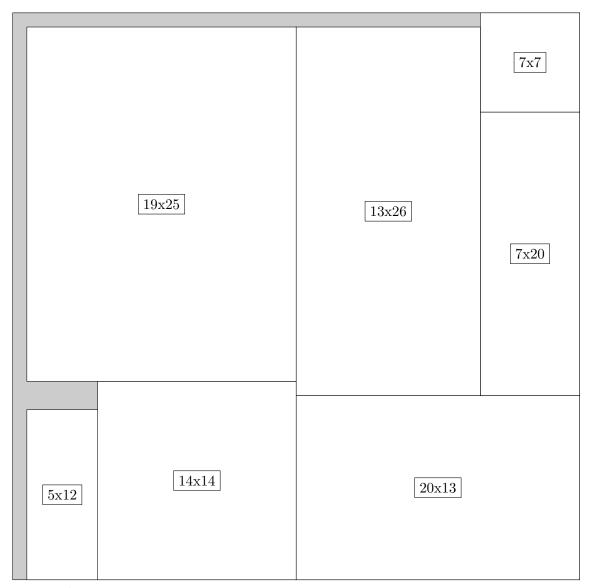
 $\le =2$, h =8 , x =31 , y =32 , v =16

 $\le =18$, h =29 , x =13 , y =0 , v =522

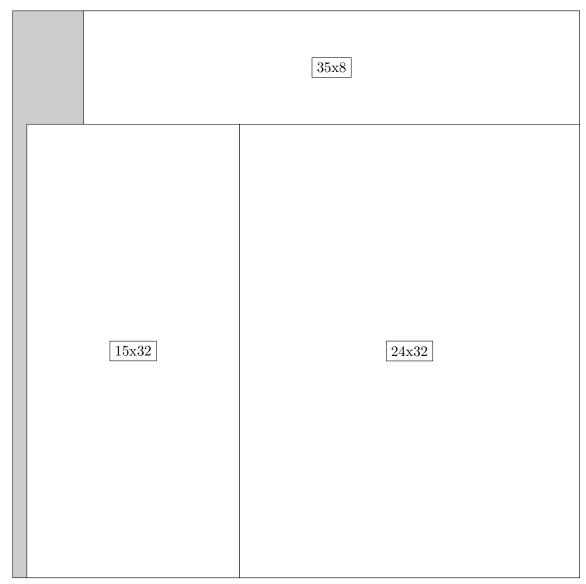
 $\le =16$, h=10 , x=15 , y=29 , v=160

 \mathbf{w} =2 , h =10 , x =13 , y =29 , v =20

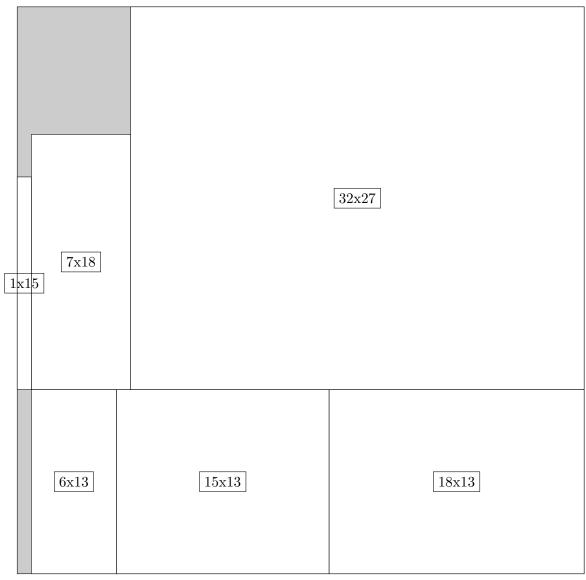
 $\le =13$, h =29 , x =0 , y =0 , v =377



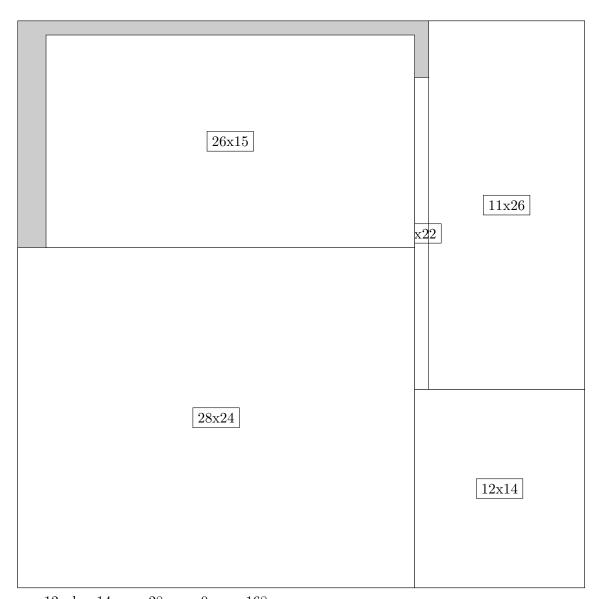
$$\begin{array}{l} w=20\;,\; h=13\;,\; x=20\;,\; y=0\;,\; v=260\\ w=7\;,\; h=20\;,\; x=33\;,\; y=13\;,\; v=140\\ w=7\;,\; h=7\;,\; x=33\;,\; y=33\;,\; v=49\\ w=13\;,\; h=26\;,\; x=20\;,\; y=13\;,\; v=338\\ w=14\;,\; h=14\;,\; x=6\;,\; y=0\;,\; v=196\\ w=5\;,\; h=12\;,\; x=1\;,\; y=0\;,\; v=60\\ w=19\;,\; h=25\;,\; x=1\;,\; y=14\;,\; v=475 \end{array}$$



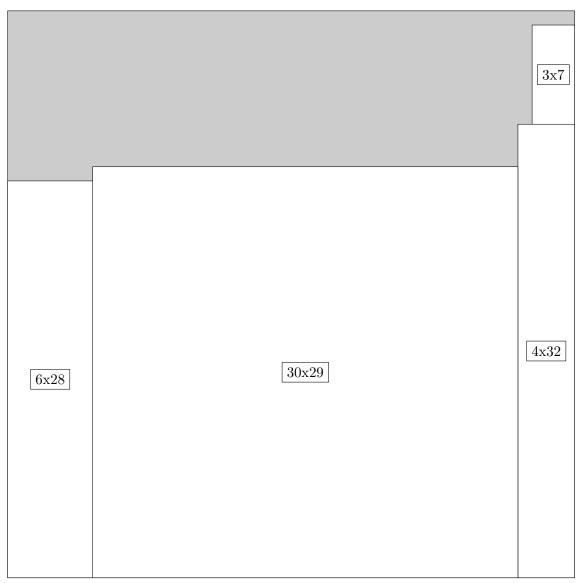
$$\begin{array}{l} w = 24 \; , \; h = 32 \; , \; x = 16 \; , \; y = 0 \; , \; v = 768 \\ w = 15 \; , \; h = 32 \; , \; x = 1 \; , \; y = 0 \; , \; v = 480 \\ w = 35 \; , \; h = 8 \; , \; x = 5 \; , \; y = 32 \; , \; v = 280 \end{array}$$



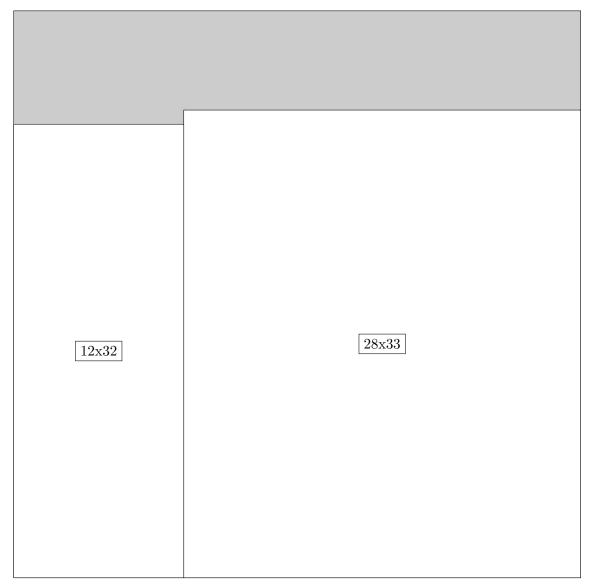
 $\begin{array}{l} w=18 \;,\; h=13 \;,\; x=22 \;,\; y=0 \;,\; v=234 \\ w=15 \;,\; h=13 \;,\; x=7 \;,\; y=0 \;,\; v=195 \\ w=6 \;,\; h=13 \;,\; x=1 \;,\; y=0 \;,\; v=78 \\ w=32 \;,\; h=27 \;,\; x=8 \;,\; y=13 \;,\; v=864 \\ w=7 \;,\; h=18 \;,\; x=1 \;,\; y=13 \;,\; v=126 \\ w=1 \;,\; h=15 \;,\; x=0 \;,\; y=13 \;,\; v=15 \end{array}$



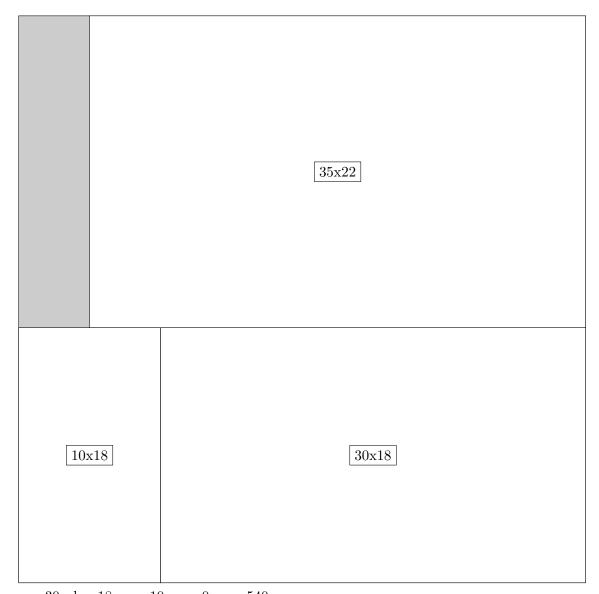
 $\begin{array}{l} w = 12 \; , \; h = 14 \; , \; x = 28 \; , \; y = 0 \; , \; v = 168 \\ w = 11 \; , \; h = 26 \; , \; x = 29 \; , \; y = 14 \; , \; v = 286 \\ w = 1 \; , \; h = 22 \; , \; x = 28 \; , \; y = 14 \; , \; v = 22 \\ w = 28 \; , \; h = 24 \; , \; x = 0 \; , \; y = 0 \; , \; v = 672 \\ w = 26 \; , \; h = 15 \; , \; x = 2 \; , \; y = 24 \; , \; v = 390 \end{array}$



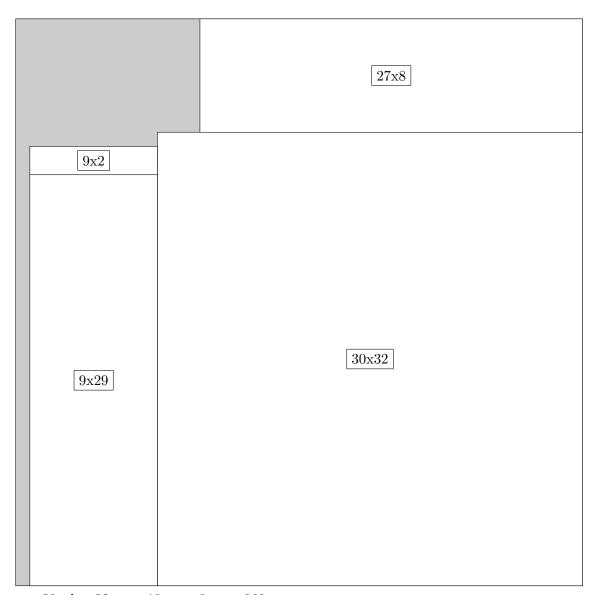
 $\begin{array}{l} w=4\ ,\, h=32\ ,\, x=36\ ,\, y=0\ ,\, v=128\\ w=3\ ,\, h=7\ ,\, x=37\ ,\, y=32\ ,\, v=21\\ w=30\ ,\, h=29\ ,\, x=6\ ,\, y=0\ ,\, v=870\\ w=6\ ,\, h=28\ ,\, x=0\ ,\, y=0\ ,\, v=168 \end{array}$



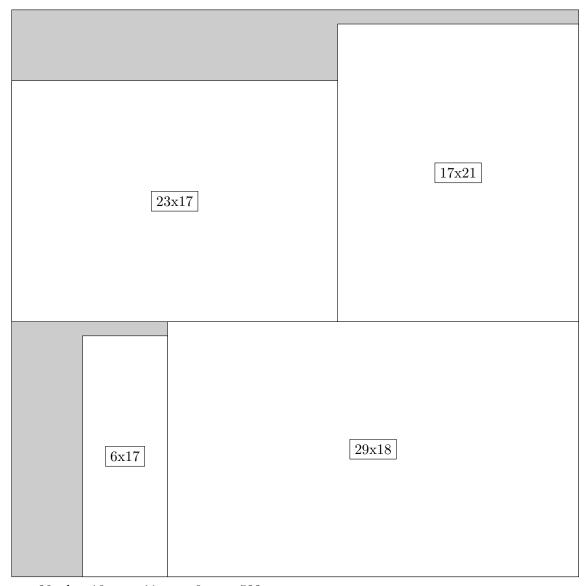
$$\begin{array}{l} w = 28 \ , \ h = \!\! 33 \ , \ x = \!\! 12 \ , \ y = \!\! 0 \ , \ v = \!\! 924 \\ w = \!\! 12 \ , \ h = \!\! 32 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 384 \end{array}$$



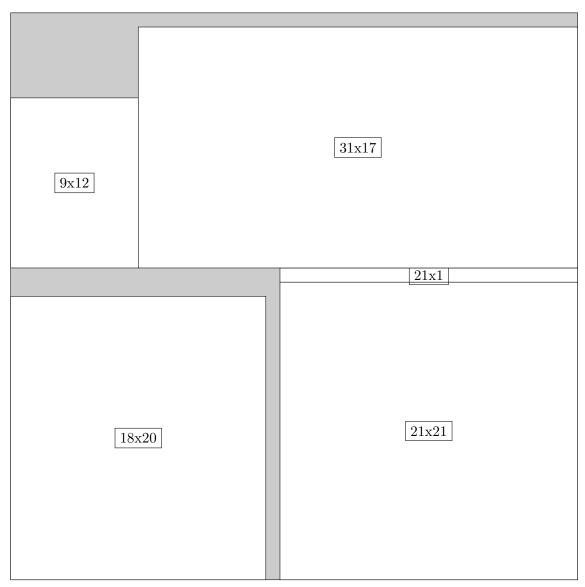
$$\begin{array}{l} w = & 30 \ , \ h = & 18 \ , \ x = & 10 \ , \ y = & 0 \ , \ v = & 540 \\ w = & 10 \ , \ h = & 18 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 180 \\ w = & 35 \ , \ h = & 22 \ , \ x = & 5 \ , \ y = & 18 \ , \ v = & 770 \end{array}$$



$$\begin{array}{l} w = & 30 \ , \ h = & 32 \ , \ x = & 10 \ , \ y = & 0 \ , \ v = & 960 \\ w = & 9 \ , \ h = & 29 \ , \ x = & 1 \ , \ y = & 0 \ , \ v = & 261 \\ w = & 9 \ , \ h = & 2 \ , \ x = & 1 \ , \ y = & 29 \ , \ v = & 18 \\ w = & 27 \ , \ h = & 8 \ , \ x = & 13 \ , \ y = & 32 \ , \ v = & 216 \end{array}$$



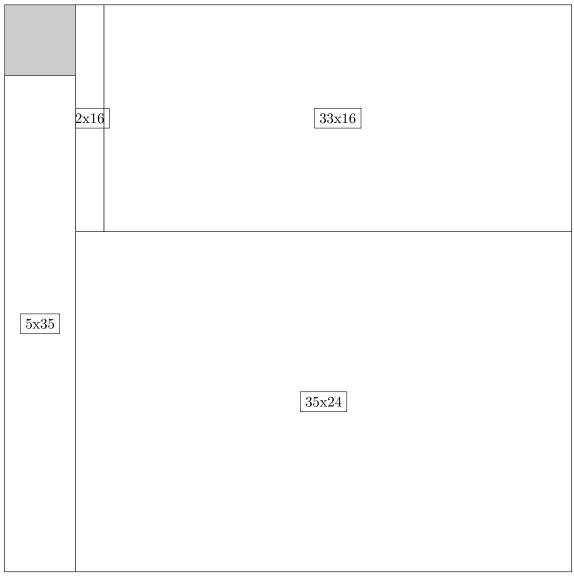
$$\begin{array}{l} w = 29 \ , \ h = 18 \ , \ x = 11 \ , \ y = 0 \ , \ v = 522 \\ w = 6 \ , \ h = 17 \ , \ x = 5 \ , \ y = 0 \ , \ v = 102 \\ w = 17 \ , \ h = 21 \ , \ x = 23 \ , \ y = 18 \ , \ v = 357 \\ w = 23 \ , \ h = 17 \ , \ x = 0 \ , \ y = 18 \ , \ v = 391 \end{array}$$



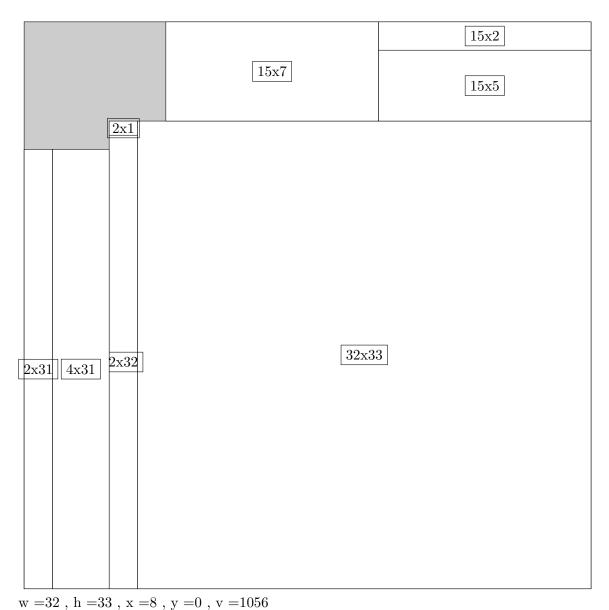
 $\begin{array}{l} w=21 \ , \ h=21 \ , \ x=19 \ , \ y=0 \ , \ v=441 \\ w=21 \ , \ h=1 \ , \ x=19 \ , \ y=21 \ , \ v=21 \\ w=18 \ , \ h=20 \ , \ x=0 \ , \ y=0 \ , \ v=360 \\ w=31 \ , \ h=17 \ , \ x=9 \ , \ y=22 \ , \ v=527 \\ w=9 \ , \ h=12 \ , \ x=0 \ , \ y=22 \ , \ v=108 \end{array}$

11x2	5x1
26x9	10x9
30x29	10x30

 $\begin{array}{l} w=10\;,\; h=30\;,\; x=30\;,\; y=0\;,\; v=300\\ w=10\;,\; h=9\;,\; x=30\;,\; y=30\;,\; v=90\\ w=5\;,\; h=1\;,\; x=35\;,\; y=39\;,\; v=5\\ w=30\;,\; h=29\;,\; x=0\;,\; y=0\;,\; v=870\\ w=26\;,\; h=9\;,\; x=4\;,\; y=29\;,\; v=234\\ w=11\;,\; h=2\;,\; x=19\;,\; y=38\;,\; v=22 \end{array}$



 $\begin{array}{l} w = & 35 \ , \ h = & 24 \ , \ x = & 5 \ , \ y = & 0 \ , \ v = & 840 \\ w = & 33 \ , \ h = & 16 \ , \ x = & 7 \ , \ y = & 24 \ , \ v = & 528 \\ w = & 2 \ , \ h = & 16 \ , \ x = & 5 \ , \ y = & 24 \ , \ v = & 32 \\ w = & 5 \ , \ h = & 35 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 175 \end{array}$

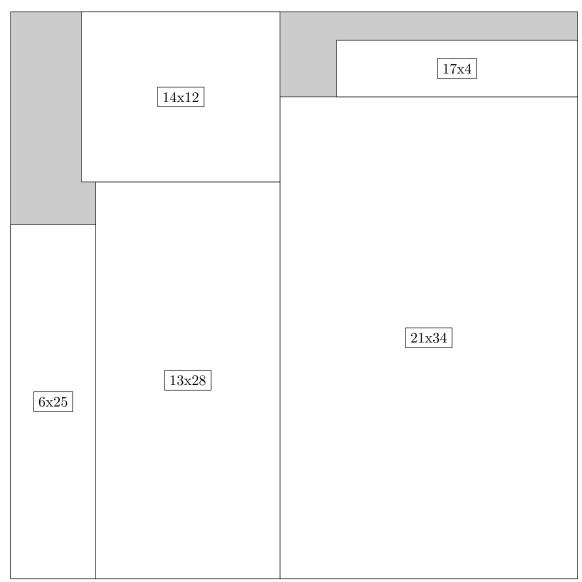


$$w = 2$$
, $h = 31$, $x = 0$, $y = 0$, $v = 62$

$$\begin{array}{c} w = \! 15 \ , \ h = \! 5 \ , \ x = \! 25 \ , \ y = \! 33 \ , \ v = \! 75 \\ w = \! 15 \ , \ h = \! 2 \ , \ x = \! 25 \ , \ y = \! 38 \ , \ v = \! 30 \\ \end{array}$$

$$w = 15$$
, $h = 2$, $x = 25$, $y = 36$, $v = 30$
 $w = 15$, $h = 7$, $v = 10$, $v = 33$, $v = 105$

$$\le =15$$
 , h =7 , x =10 , y =33 , v =105



 $\begin{array}{l} w=21 \ , \ h=34 \ , \ x=19 \ , \ y=0 \ , \ v=714 \\ w=17 \ , \ h=4 \ , \ x=23 \ , \ y=34 \ , \ v=68 \\ w=13 \ , \ h=28 \ , \ x=6 \ , \ y=0 \ , \ v=364 \\ w=6 \ , \ h=25 \ , \ x=0 \ , \ y=0 \ , \ v=150 \\ w=14 \ , \ h=12 \ , \ x=5 \ , \ y=28 \ , \ v=168 \end{array}$

24x5	15x6
17x34	22x34

$$w = 22$$
, $h = 34$, $x = 18$, $y = 0$, $v = 748$

$$w = 17$$
, $h = 34$, $x = 1$, $y = 0$, $v = 578$

$$\le =15$$
 , h =6 , x =25 , y =34 , v =90

$$\le =24$$
 , h =5 , x =1 , y =34 , v =120