$ClassName: \ Class\_03.2bp\text{-}34$ 

BinSize:  $40 \times 40$ ReduceSize:  $40 \times 40$ 

TypeNum: <u>77</u> Num: **80** OutS: **27200** InS: 24958Rate:  $\underline{0.918}$ UB: <u>17</u> LB0: **16** 

LBWithCut: 17 NodeCut: **0** 

LB: **17** 

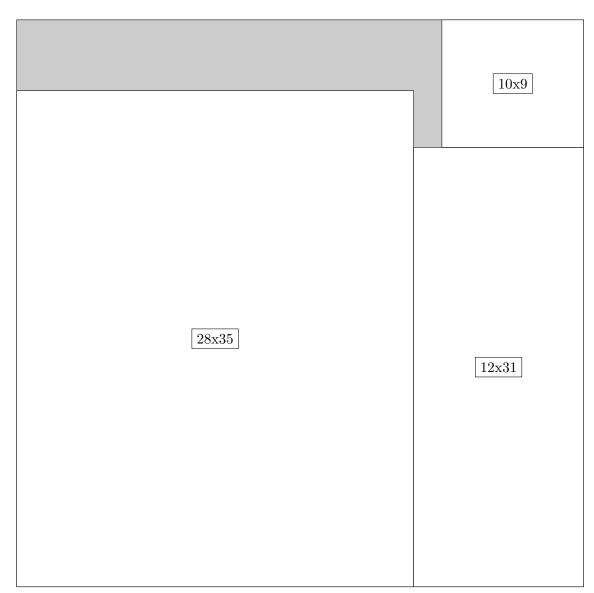
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\mathbf{1}$ PrimalNode:  $\mathbf{0}$ ColumnCount: 288  $TotalCutCount: \ \mathbf{0}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt: 272

PricingSolverCnt: 272 BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

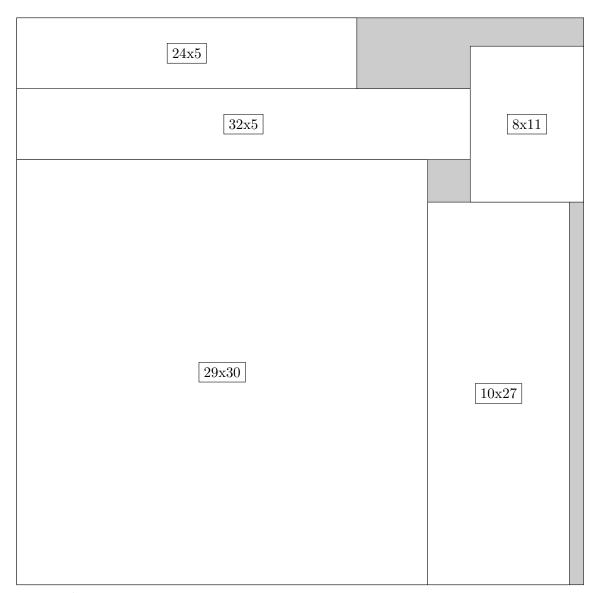
isOpt:  $\underline{\mathbf{true}}$ 

TimeOnPrimal: 0.000 sTimeOnPricing: 568.680 sTimeOnRmp: 0.236 sTotalTime: 569.056 s



$$\begin{array}{l} w = \! 28 \ , \ h = \! 35 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 980 \\ w = \! 12 \ , \ h = \! 31 \ , \ x = \! 28 \ , \ y = \! 0 \ , \ v = \! 372 \end{array}$$

$$w = 10$$
 ,  $h = 9$  ,  $x = 30$  ,  $y = 31$  ,  $v = 90$ 



$$\begin{array}{l} w=29 \ , \ h=30 \ , \ x=0 \ , \ y=0 \ , \ v=870 \\ w=10 \ , \ h=27 \ , \ x=29 \ , \ y=0 \ , \ v=270 \\ w=32 \ , \ h=5 \ , \ x=0 \ , \ y=30 \ , \ v=160 \\ w=24 \ , \ h=5 \ , \ x=0 \ , \ y=35 \ , \ v=120 \\ w=8 \ , \ h=11 \ , \ x=32 \ , \ y=27 \ , \ v=88 \end{array}$$

9x3		
[13x10]	27x13	
		9x12
	31x27	9x15

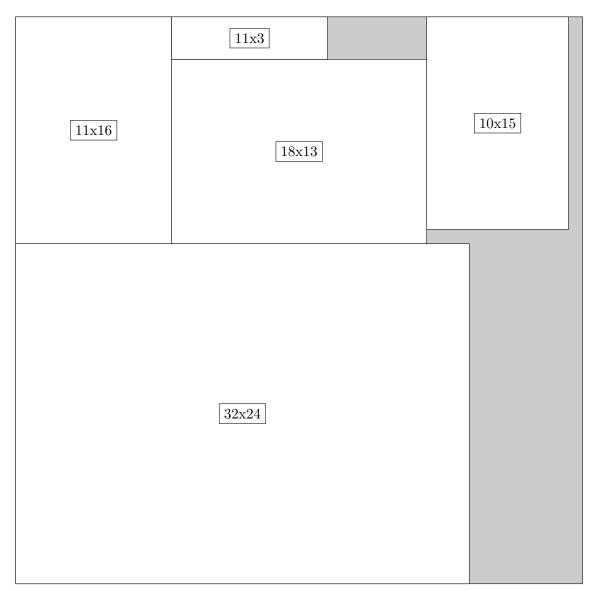
$$\begin{array}{c} w = \!\! 27 \ , \ h = \!\! 13 \ , \ x = \!\! 13 \ , \ y = \!\! 27 \ , \ v = \!\! 351 \\ w = \!\! 31 \ , \ h = \!\! 27 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 837 \end{array}$$

$$\le =9$$
 , h =15 , x =31 , y =0 , v =135

$$\mathbf{w}$$
 =13 , h =10 , x =0 , y =27 , v =130

$$\le =9$$
 , h =12 , x =31 , y =15 , v =108

$$w=9$$
 ,  $h=3$  ,  $x=\!4$  ,  $y=\!37$  ,  $v=\!27$ 



$$w = 32$$
,  $h = 24$ ,  $x = 0$ ,  $y = 0$ ,  $v = 768$ 

$$\le =18$$
 ,  $h$  =13 ,  $x$  =11 ,  $y$  =24 ,  $v$  =234

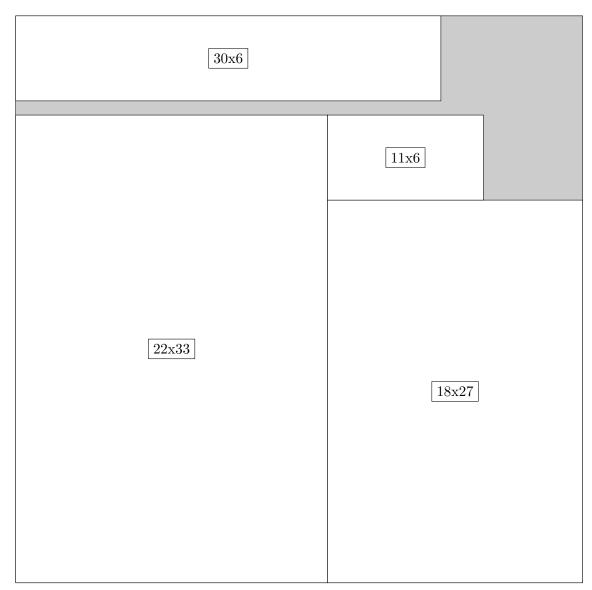
$$\le =11$$
 ,  $h$  =16 ,  $x$  =0 ,  $y$  =24 ,  $v$  =176

$$\le =10$$
 ,  $h$  =15 ,  $x$  =29 ,  $y$  =25 ,  $v$  =150

$$\le =11$$
 ,  $h$  =3 ,  $x$  =11 ,  $y$  =37 ,  $v$  =33

	35x12	
26:	x28	14x28

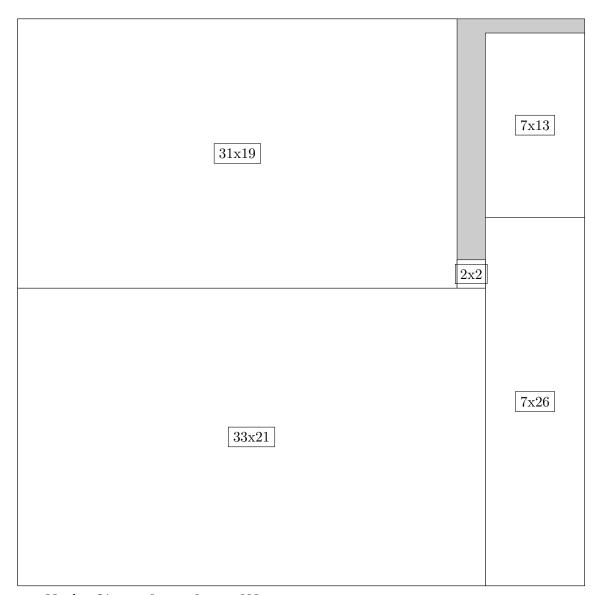
$$\begin{array}{l} w = 26 \ , \ h = 28 \ , \ x = 0 \ , \ y = 0 \ , \ v = 728 \\ w = 35 \ , \ h = 12 \ , \ x = 5 \ , \ y = 28 \ , \ v = 420 \\ w = 14 \ , \ h = 28 \ , \ x = 26 \ , \ y = 0 \ , \ v = 392 \end{array}$$



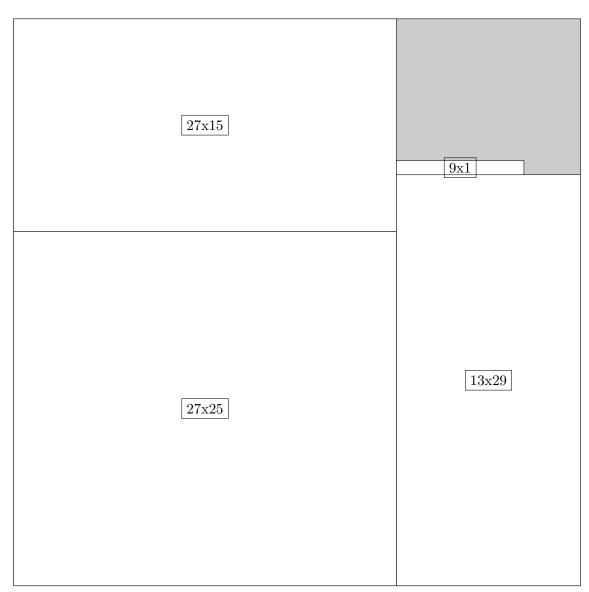
$$w = 22$$
,  $h = 33$ ,  $x = 0$ ,  $y = 0$ ,  $v = 726$ 

$$\le =30$$
 , h =6 , x =0 , y =34 , v =180

$$\mathbf{w}$$
 =11 , h =6 , x =22 , y =27 , v =66

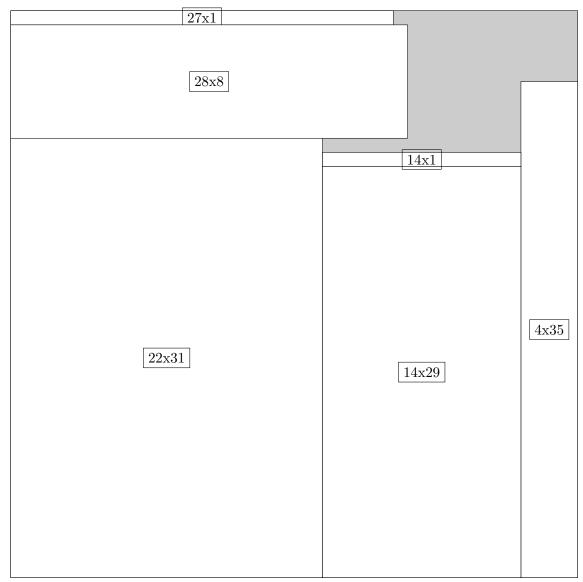


 $\begin{array}{l} w = 33 \; , \; h = 21 \; , \; x = 0 \; , \; y = 0 \; , \; v = 693 \\ w = 31 \; , \; h = 19 \; , \; x = 0 \; , \; y = 21 \; , \; v = 589 \\ w = 7 \; , \; h = 26 \; , \; x = 33 \; , \; y = 0 \; , \; v = 182 \\ w = 7 \; , \; h = 13 \; , \; x = 33 \; , \; y = 26 \; , \; v = 91 \\ w = 2 \; , \; h = 2 \; , \; x = 31 \; , \; y = 21 \; , \; v = 4 \end{array}$ 

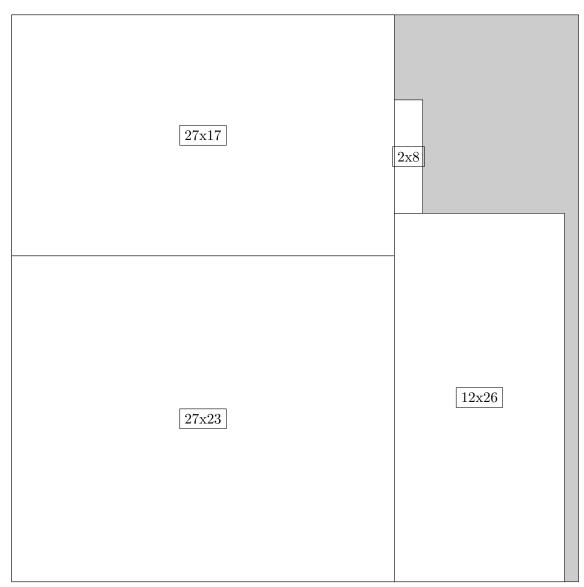


$$\begin{array}{l} w = \! 27 \ , \ h = \! 15 \ , \ x = \! 0 \ , \ y = \! 25 \ , \ v = \! 405 \\ w = \! 13 \ , \ h = \! 29 \ , \ x = \! 27 \ , \ y = \! 0 \ , \ v = \! 377 \end{array}$$

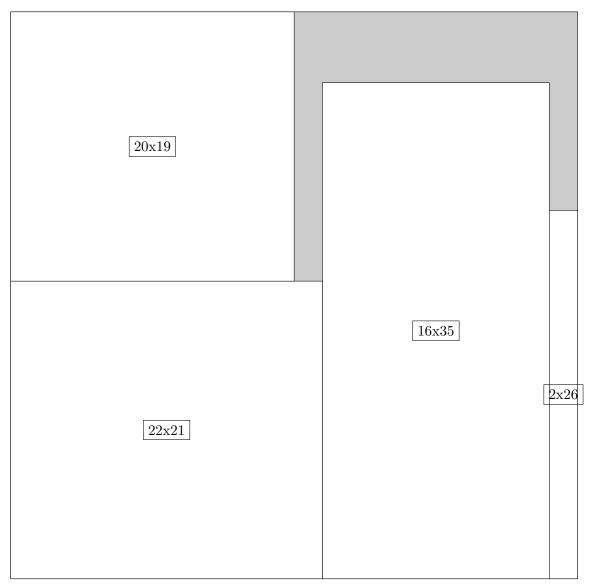
$$w = 27$$
,  $h = 25$ ,  $x = 0$ ,  $y = 0$ ,  $v = 675$ 



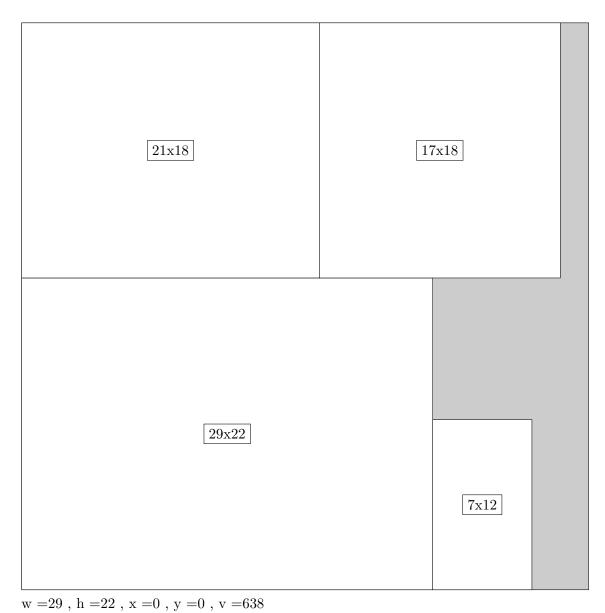
$$\begin{array}{l} w=22\;,\; h=31\;,\; x=0\;,\; y=0\;,\; v=682\\ w=27\;,\; h=1\;,\; x=0\;,\; y=39\;,\; v=27\\ w=28\;,\; h=8\;,\; x=0\;,\; y=31\;,\; v=224\\ w=4\;,\; h=35\;,\; x=36\;,\; y=0\;,\; v=140\\ w=14\;,\; h=29\;,\; x=22\;,\; y=0\;,\; v=406\\ w=14\;,\; h=1\;,\; x=22\;,\; y=29\;,\; v=14 \end{array}$$



 $\begin{array}{l} w=27 \;,\; h=23 \;,\; x=0 \;,\; y=0 \;,\; v=621 \\ w=27 \;,\; h=17 \;,\; x=0 \;,\; y=23 \;,\; v=459 \\ w=12 \;,\; h=26 \;,\; x=27 \;,\; y=0 \;,\; v=312 \\ w=2 \;,\; h=8 \;,\; x=27 \;,\; y=26 \;,\; v=16 \end{array}$ 



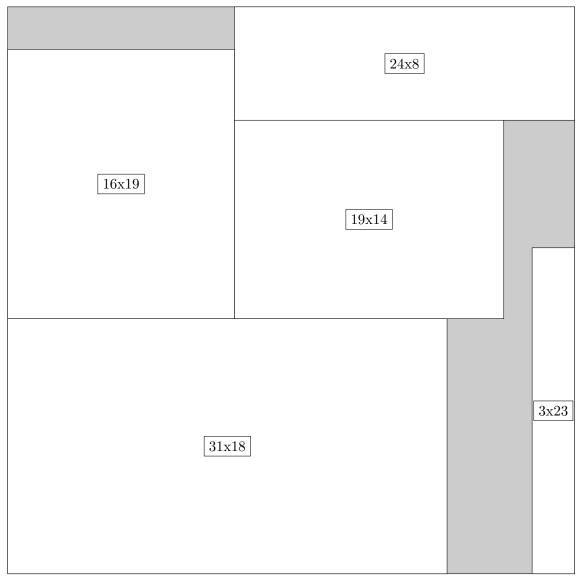
$$\begin{array}{l} w = \! 16 \ , \ h = \! 35 \ , \ x = \! 22 \ , \ y = \! 0 \ , \ v = \! 560 \\ w = \! 22 \ , \ h = \! 21 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 462 \\ w = \! 20 \ , \ h = \! 19 \ , \ x = \! 0 \ , \ y = \! 21 \ , \ v = \! 380 \\ w = \! 2 \ , \ h = \! 26 \ , \ x = \! 38 \ , \ y = \! 0 \ , \ v = \! 52 \end{array}$$



$$w = 29$$
,  $h = 22$ ,  $x = 0$ ,  $y = 0$ ,  $v = 038$   
 $w = 21$ ,  $h = 18$ ,  $x = 0$ ,  $y = 22$ ,  $v = 378$ 

$$\le =17$$
 , h =18 , x =21 , y =22 , v =306

$$\mathbf{w}$$
 =7 , h =12 , x =29 , y =0 , v =84

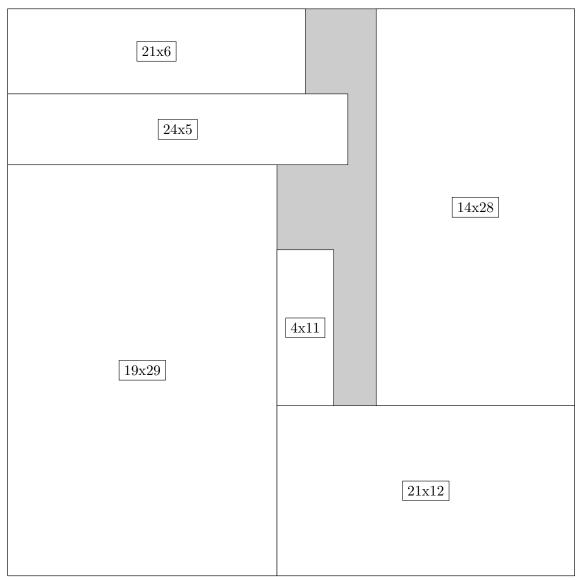


$$\begin{array}{l} w = \! 31 \; , \; h = \! 18 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 558 \\ w = \! 3 \; , \; h = \! 23 \; , \; x = \! 37 \; , \; y = \! 0 \; , \; v = \! 69 \end{array}$$

$$\mathbf{w}$$
 =16 , h =19 , x =0 , y =18 , v =304

$$\le =19$$
 , h =14 , x =16 , y =18 , v =266

$$w = 24$$
,  $h = 8$ ,  $x = 16$ ,  $y = 32$ ,  $v = 192$ 



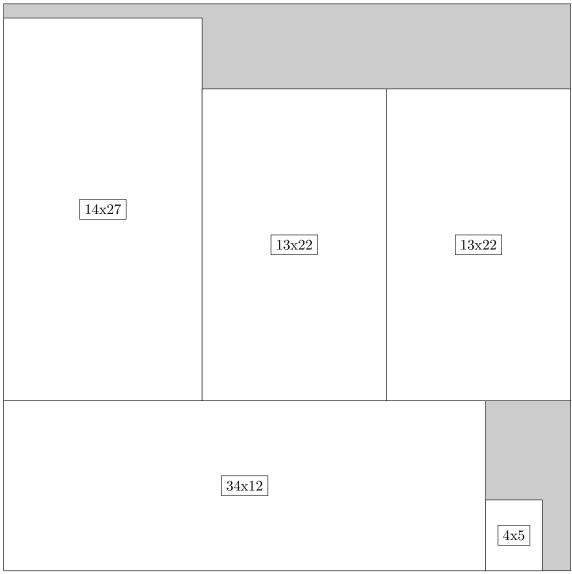
$$\le =14$$
 ,  $h=28$  ,  $x=26$  ,  $y=12$  ,  $v=392$ 

$$\mathbf{w}$$
 =21 , h =12 , x =19 , y =0 , v =252

$$\le =21$$
 , h =6 , x =0 , y =34 , v =126

$$\le =24$$
 , h =5 , x =0 , y =29 , v =120

$$w=\!\!4$$
 ,  $h=\!\!11$  ,  $x=\!\!19$  ,  $y=\!\!12$  ,  $v=\!\!44$ 



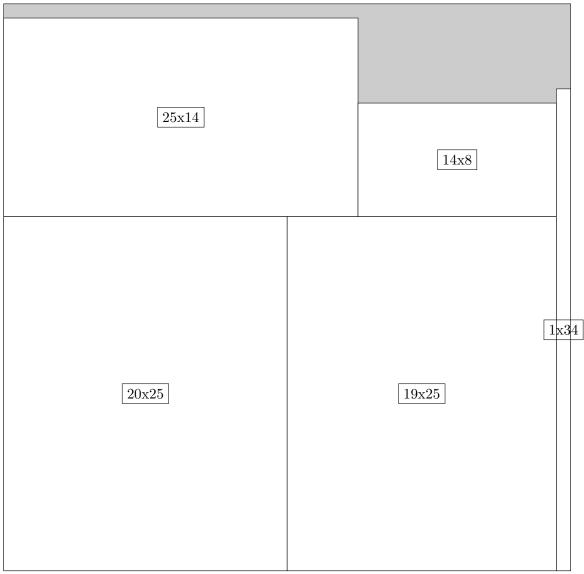
$$\le 34$$
 , h =12 , x =0 , y =0 , v =408

$$\le =14$$
 ,  $h$  =27 ,  $x$  =0 ,  $y$  =12 ,  $v$  =378

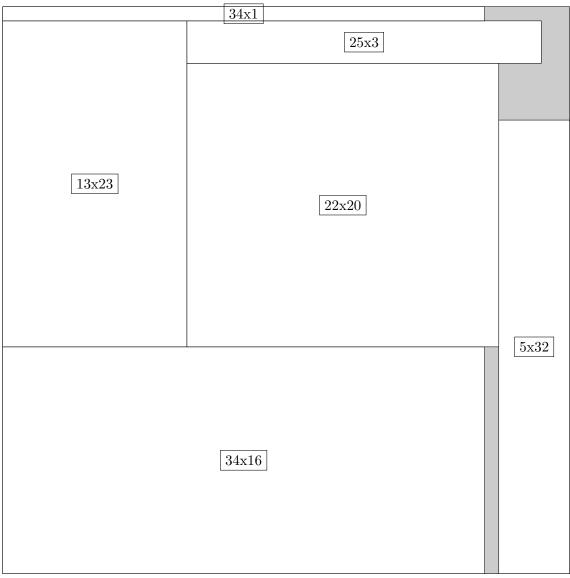
$$\le =13$$
 , h =22 , x =14 , y =12 , v =286

$$\le =13$$
 , h =22 , x =27 , y =12 , v =286

$$\mathbf{w}=\!\!4$$
 ,  $\mathbf{h}=\!\!5$  ,  $\mathbf{x}=\!\!34$  ,  $\mathbf{y}=\!\!0$  ,  $\mathbf{v}=\!\!20$ 



$$\begin{array}{l} w=20 \ , \ h=25 \ , \ x=0 \ , \ y=0 \ , \ v=500 \\ w=19 \ , \ h=25 \ , \ x=20 \ , \ y=0 \ , \ v=475 \\ w=25 \ , \ h=14 \ , \ x=0 \ , \ y=25 \ , \ v=350 \\ w=14 \ , \ h=8 \ , \ x=25 \ , \ y=25 \ , \ v=112 \\ w=1 \ , \ h=34 \ , \ x=39 \ , \ y=0 \ , \ v=34 \end{array}$$



$$\le =34$$
 ,  $h$  =16 ,  $x$  =0 ,  $y$  =0 ,  $v$  =544

$$\le =13$$
 , h =23 , x =0 , y =16 , v =299

$$w$$
 =5 , h =32 , x =35 , y =0 , v =160

$$\le =25$$
 , h =3 , x =13 , y =36 , v =75

$$\le =22$$
 , h =20 , x =13 , y =16 , v =440

$$\le =34$$
 , h =1 , x =0 , y =39 , v =34