${\bf ClassName:}~{\bf Class\_10.2bp\text{-}29}$ 

BinSize:  $\underline{100 \times 100}$ ReduceSize:  $\underline{100 \times 100}$ 

TypeNum:  $\underline{59}$ Num:  $\underline{60}$ OutS:  $\underline{80000}$ InS:  $\underline{73074}$ Rate:  $\underline{0.913}$ 

UB: <u>8</u> LB0: <u>8</u> LB: 8

LBWithCut:  $\underline{\mathbf{8}}$ NodeCut:  $\underline{\mathbf{0}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{8}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

isOpt: **true** 

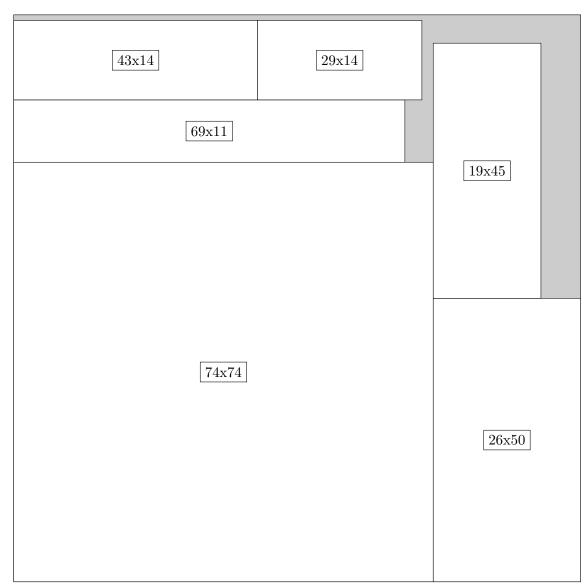
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.266 sTotalTime: 0.344 s

92x78	75x18	25x21
92x78		
	92x78	

$$\le =92$$
 , h =78 , x =0 , y =0 , v =7176

$$\le =75$$
 ,  $h$  =18 ,  $x$  =0 ,  $y$  =78 ,  $v$  =1350

$$\le =25$$
 , h =21 , x =75 , y =79 , v =525



$$\mathbf{w}$$
 =74 , h =74 , x =0 , y =0 , v =5476

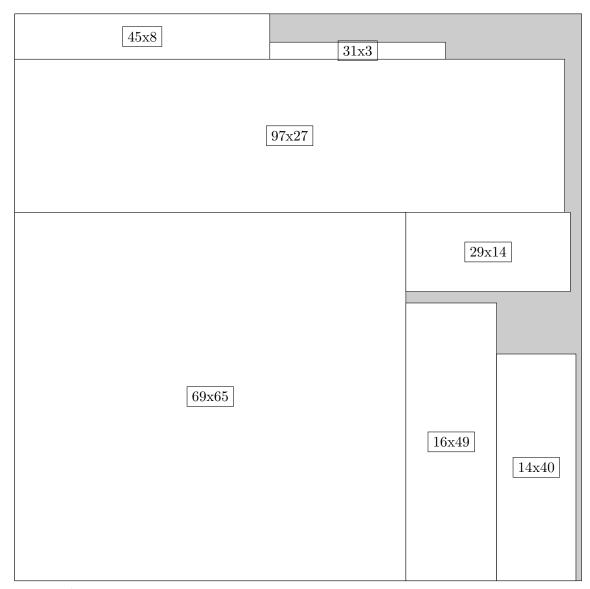
$$w$$
 =26 ,  $h$  =50 ,  $x$  =74 ,  $y$  =0 ,  $v$  =1300

$$w$$
 =19 , h =45 , x =74 , y =50 , v =855

$$\mathbf{w}$$
 =69 , h =11 , x =0 , y =74 , v =759

$$\le =43$$
 ,  $h=14$  ,  $x=0$  ,  $y=85$  ,  $v=602$ 

$$w$$
 =29 ,  $h$  =14 ,  $x$  =43 ,  $y$  =85 ,  $v$  =406



$$\le =69$$
 ,  $h=65$  ,  $x=0$  ,  $y=0$  ,  $v=4485$ 

$$\le =97$$
 , h =27 , x =0 , y =65 , v =2619

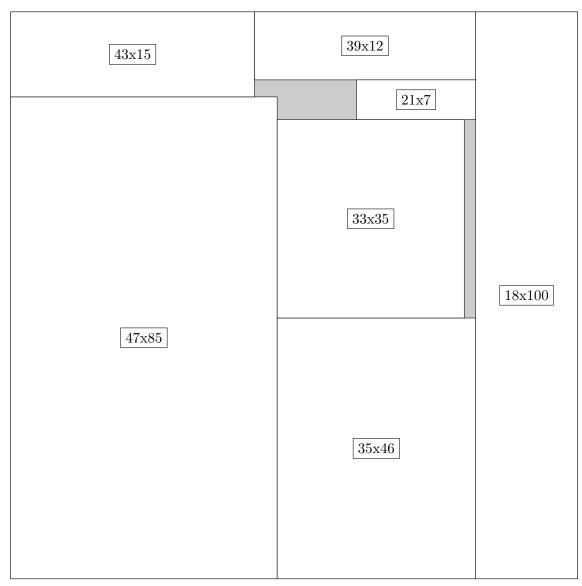
$$\mathbf{w}$$
 =16 , h =49 , x =69 , y =0 , v =784

$$\le =45$$
 , h =8 , x =0 , y =92 , v =360

$$\le =29$$
 , h =14 , x =69 , y =51 , v =406

$$w=\!14$$
 ,  $h=\!40$  ,  $x=\!85$  ,  $y=\!0$  ,  $v=\!560$ 

$$w = 31$$
,  $h = 3$ ,  $x = 45$ ,  $y = 92$ ,  $v = 93$ 



$$w = 47$$
,  $h = 85$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3995$ 

$$\le =18$$
 ,  $h=100$  ,  $x=82$  ,  $y=0$  ,  $v=1800$ 

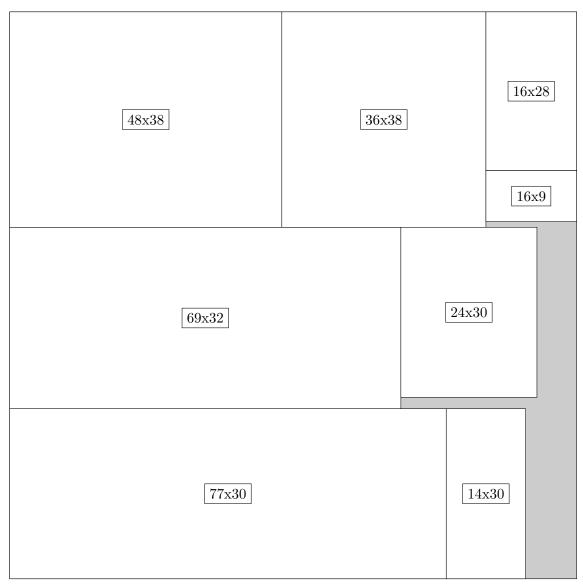
$$\le =35$$
 , h =46 , x =47 , y =0 , v =1610

$$\le =33$$
 , h =35 , x =47 , y =46 , v =1155

$$\le =43$$
 ,  $h=15$  ,  $x=0$  ,  $y=85$  ,  $v=645$ 

$$\le =39$$
 ,  $h=12$  ,  $x=43$  ,  $y=88$  ,  $v=468$ 

$$w$$
 =21 ,  $h$  =7 ,  $x$  =61 ,  $y$  =81 ,  $v$  =147



$$\mathbf{w}$$
 =77 , h =30 , x =0 , y =0 , v =2310

$$w = 48$$
,  $h = 38$ ,  $x = 0$ ,  $y = 62$ ,  $v = 1824$ 

$$w = 36$$
,  $h = 38$ ,  $x = 48$ ,  $y = 62$ ,  $v = 1368$ 

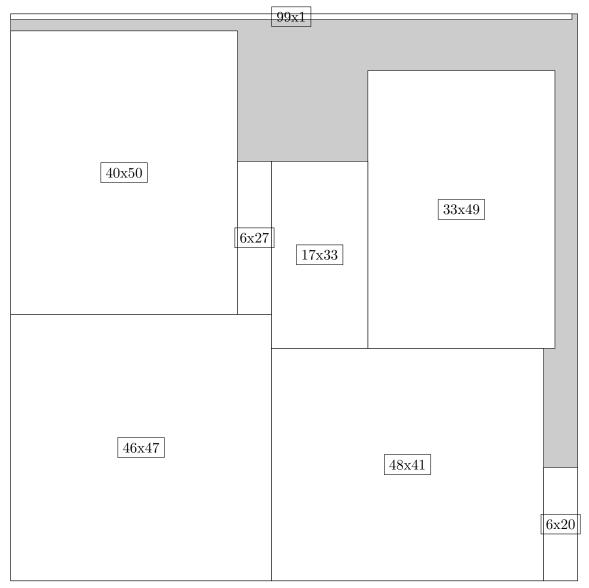
$$\le =24$$
 , h =30 , x =69 , y =32 , v =720

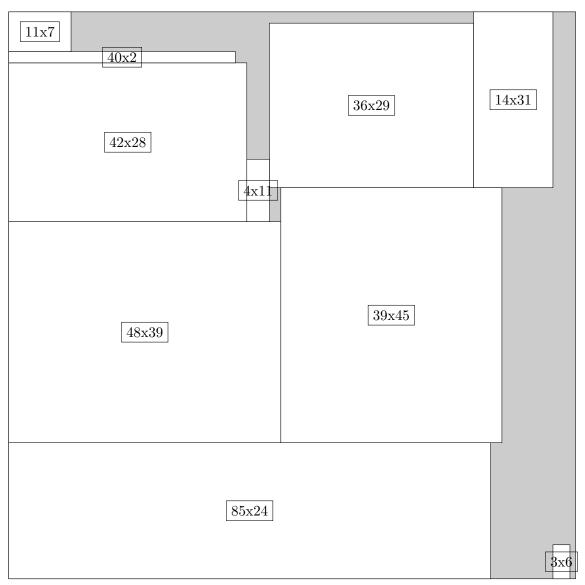
$$w=\!16$$
 ,  $h=\!28$  ,  $x=\!84$  ,  $y=\!72$  ,  $v=\!448$ 

$$\mathbf{w}$$
 =14 , h =30 , x =77 , y =0 , v =420

$$\le =16$$
 ,  $h=9$  ,  $x=84$  ,  $y=63$  ,  $v=144$ 

w = 69, h = 32, x = 0, y = 30, v = 2208





$$w = 85$$
,  $h = 24$ ,  $x = 0$ ,  $y = 0$ ,  $v = 2040$ 

$$w = 48$$
,  $h = 39$ ,  $x = 0$ ,  $y = 24$ ,  $v = 1872$ 

$$w$$
 =39 ,  $h$  =45 ,  $x$  =48 ,  $y$  =24 ,  $v$  =1755

$$w = 42$$
,  $h = 28$ ,  $x = 0$ ,  $y = 63$ ,  $v = 1176$ 

$$w=\!36$$
 ,  $h=\!29$  ,  $x=\!46$  ,  $y=\!69$  ,  $v=\!1044$ 

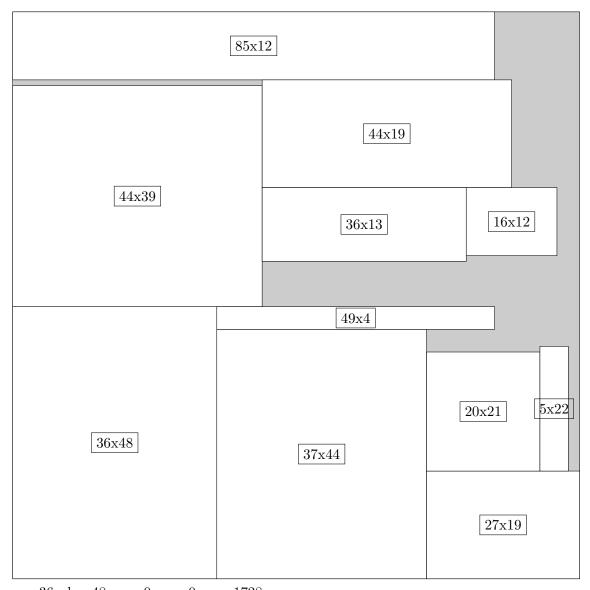
$$w=\!14$$
 ,  $h=\!31$  ,  $x=\!82$  ,  $y=\!69$  ,  $v=\!434$ 

$$w = 40$$
,  $h = 2$ ,  $x = 0$ ,  $y = 91$ ,  $v = 80$ 

$$w = 11$$
,  $h = 7$ ,  $x = 0$ ,  $y = 93$ ,  $v = 77$ 

$$\mathbf{w}=\!\!4$$
 ,  $\mathbf{h}=\!\!11$  ,  $\mathbf{x}=\!\!42$  ,  $\mathbf{y}=\!\!63$  ,  $\mathbf{v}=\!\!44$ 

$$\mathbf{w}$$
 =3 , h =6 , x =96 , y =0 , v =18



$$\begin{array}{l} w = 36 \; , \; h = 48 \; , \; x = 0 \; , \; y = 0 \; , \; v = 1728 \\ w = 44 \; , \; h = 39 \; , \; x = 0 \; , \; y = 48 \; , \; v = 1716 \\ w = 37 \; , \; h = 44 \; , \; x = 36 \; , \; y = 0 \; , \; v = 1628 \\ w = 85 \; , \; h = 12 \; , \; x = 0 \; , \; y = 88 \; , \; v = 1020 \\ w = 44 \; , \; h = 19 \; , \; x = 44 \; , \; y = 69 \; , \; v = 836 \\ w = 27 \; , \; h = 19 \; , \; x = 73 \; , \; y = 0 \; , \; v = 513 \\ w = 36 \; , \; h = 13 \; , \; x = 44 \; , \; y = 56 \; , \; v = 468 \\ w = 20 \; , \; h = 21 \; , \; x = 73 \; , \; y = 19 \; , \; v = 420 \\ w = 49 \; , \; h = 4 \; , \; x = 36 \; , \; y = 44 \; , \; v = 196 \\ w = 16 \; , \; h = 12 \; , \; x = 80 \; , \; y = 57 \; , \; v = 192 \\ w = 5 \; , \; h = 22 \; , \; x = 93 \; , \; y = 19 \; , \; v = 110 \\ \end{array}$$