$ClassName: \ Class\_10.2bp-27$ 

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>100000</u> InS: <u>89582</u> Rate: <u>0.896</u> UB: <u>10</u> LB0: <u>10</u>

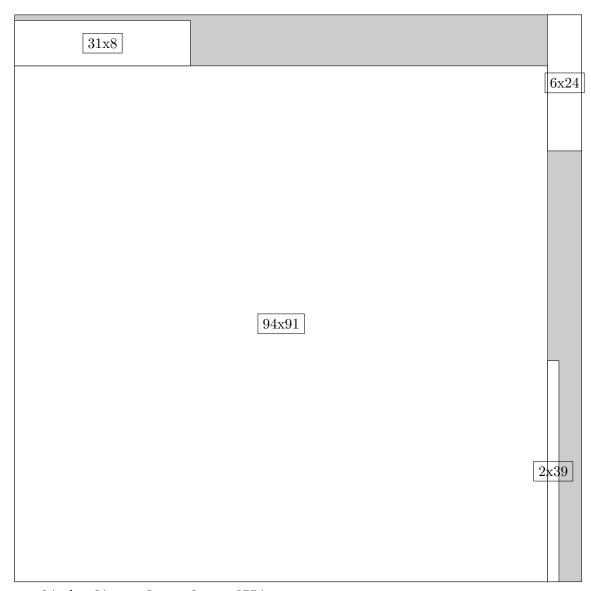
LBWithCut:  $\underline{\mathbf{10}}$ NodeCut:  $\underline{\mathbf{0}}$ 

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

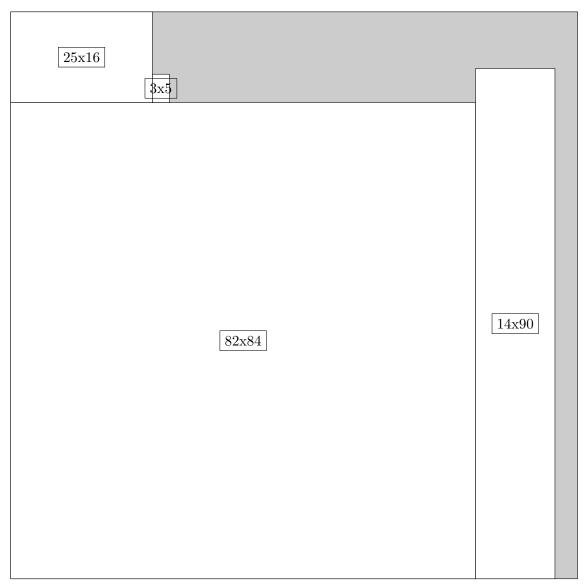
GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{10}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

isOpt: **true** 

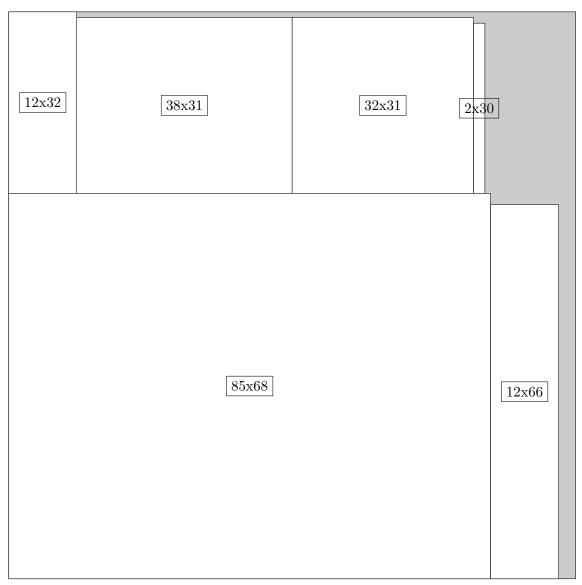
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.050 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.175 \ s} \\ \end{array}$ 



 $\begin{array}{l} w = 94 \ , \ h = 91 \ , \ x = 0 \ , \ y = 0 \ , \ v = 8554 \\ w = 31 \ , \ h = 8 \ , \ x = 0 \ , \ y = 91 \ , \ v = 248 \\ w = 6 \ , \ h = 24 \ , \ x = 94 \ , \ y = 76 \ , \ v = 144 \\ w = 2 \ , \ h = 39 \ , \ x = 94 \ , \ y = 0 \ , \ v = 78 \end{array}$ 



$$\begin{array}{l} w = & 82 \ , \ h = & 84 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 6888 \\ w = & 14 \ , \ h = & 90 \ , \ x = & 82 \ , \ y = & 0 \ , \ v = & 1260 \\ w = & 25 \ , \ h = & 16 \ , \ x = & 0 \ , \ y = & 84 \ , \ v = & 400 \\ w = & 3 \ , \ h = & 5 \ , \ x = & 25 \ , \ y = & 84 \ , \ v = & 15 \end{array}$$



$$w = 85$$
,  $h = 68$ ,  $x = 0$ ,  $y = 0$ ,  $v = 5780$ 

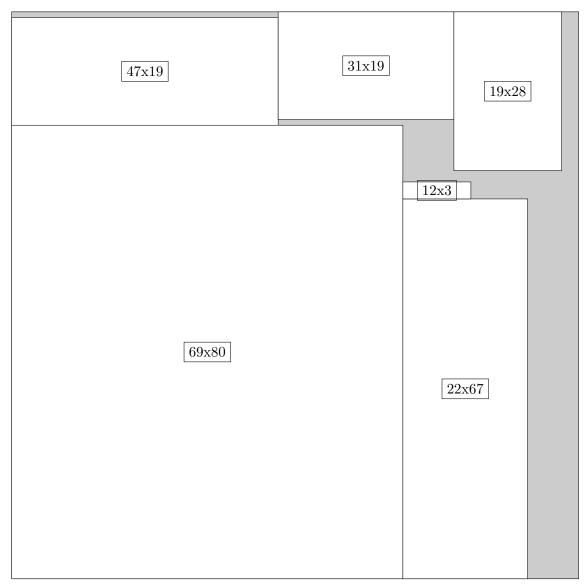
$$w=\!38$$
 ,  $h=\!31$  ,  $x=\!12$  ,  $y=\!68$  ,  $v=\!1178$ 

$$\le =32$$
 , h =31 , x =50 , y =68 , v =992

$$\le =12$$
 ,  $h=66$  ,  $x=85$  ,  $y=0$  ,  $v=792$ 

$$\mathbf{w}$$
 =12 , h =32 , x =0 , y =68 , v =384

$$\mathbf{w}$$
 =2 , h =30 , x =82 , y =68 , v =60



$$w = 69$$
,  $h = 80$ ,  $x = 0$ ,  $y = 0$ ,  $v = 5520$ 

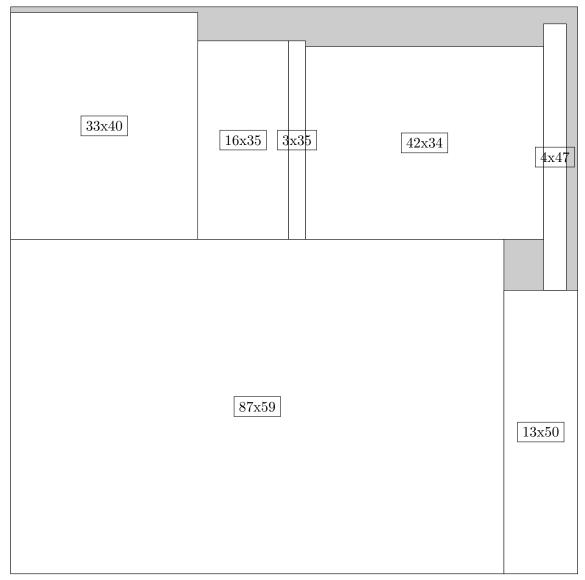
$$\le =22$$
 ,  $h$  =67 ,  $x$  =69 ,  $y$  =0 ,  $v$  =1474

$$\le =47$$
 ,  $h=19$  ,  $x=0$  ,  $y=80$  ,  $v=893$ 

$$\le =31$$
 ,  $h=19$  ,  $x=47$  ,  $y=81$  ,  $v=589$ 

$$w=\!19$$
 ,  $h=\!28$  ,  $x=\!78$  ,  $y=\!72$  ,  $v=\!532$ 

$$w=\!12$$
 ,  $h=\!3$  ,  $x=\!69$  ,  $y=\!67$  ,  $v=\!36$ 



$$\le =87$$
 ,  $h=59$  ,  $x=0$  ,  $y=0$  ,  $v=5133$ 

$$w=\!\!42$$
 ,  $h=\!\!34$  ,  $x=\!\!52$  ,  $y=\!\!59$  ,  $v=\!\!1428$ 

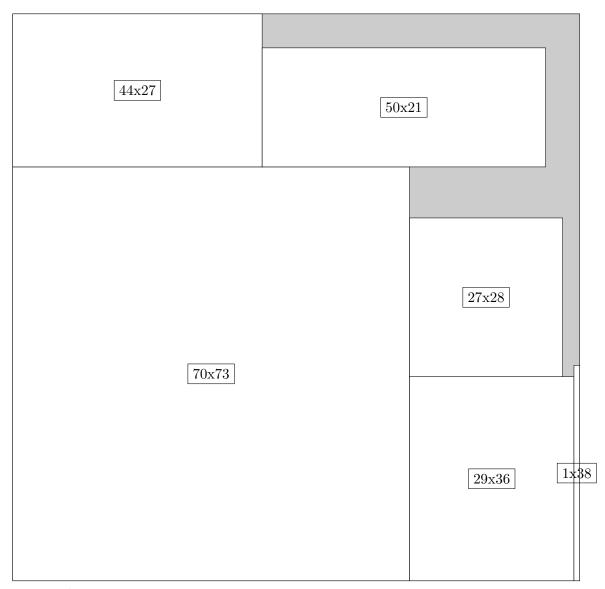
$$w = 33$$
,  $h = 40$ ,  $x = 0$ ,  $y = 59$ ,  $v = 1320$ 

$$\le =13$$
 ,  $h=50$  ,  $x=87$  ,  $y=0$  ,  $v=650$ 

$$\le =16$$
 , h =35 , x =33 , y =59 , v =560

$$w$$
 =4 , h =47 , x =94 , y =50 , v =188

$$\mathbf{w}$$
 =3 , h =35 , x =49 , y =59 , v =105



$$\mathbf{w}$$
 =70 , h =73 , x =0 , y =0 , v =5110

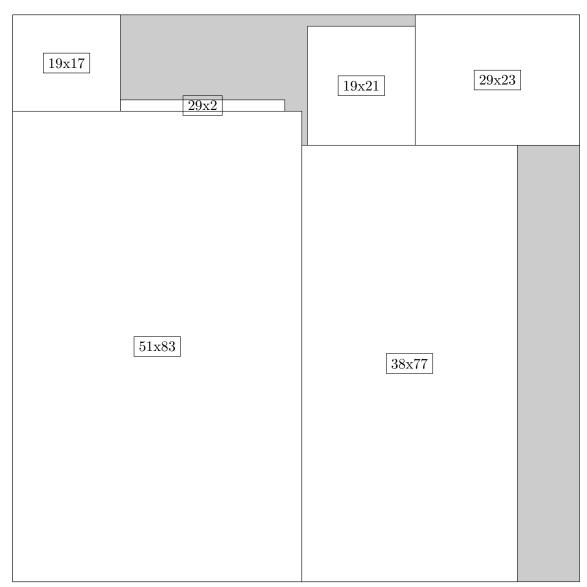
$$\mathbf{w}=\!\!44$$
 ,  $\mathbf{h}=\!\!27$  ,  $\mathbf{x}=\!\!0$  ,  $\mathbf{y}=\!\!73$  ,  $\mathbf{v}=\!\!1188$ 

$$w$$
 =50 ,  $h$  =21 ,  $x$  =44 ,  $y$  =73 ,  $v$  =1050

$$\le =29$$
 , h =36 , x =70 , y =0 , v =1044

$$w$$
 =27 , h =28 , x =70 , y =36 , v =756

$$\mathbf{w}$$
 =1 , h =38 , x =99 , y =0 , v =38



$$w = 51$$
,  $h = 83$ ,  $x = 0$ ,  $y = 0$ ,  $v = 4233$ 

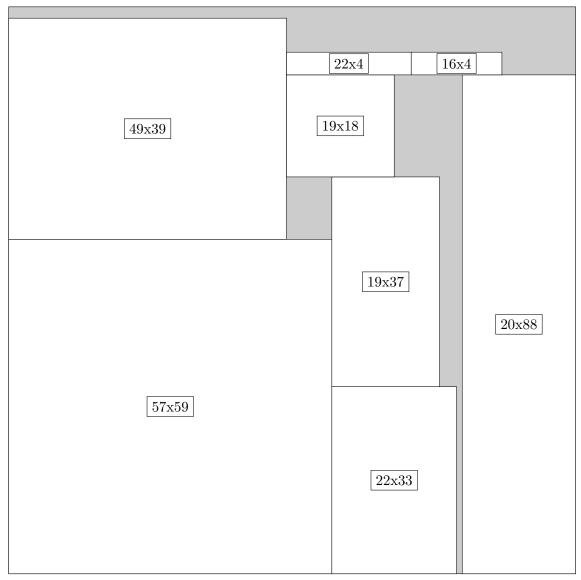
$$w=\!38$$
 ,  $h=\!77$  ,  $x=\!51$  ,  $y=\!0$  ,  $v=\!2926$ 

$$\le =29$$
 , h =23 , x =71 , y =77 , v =667

$$w$$
 =19 , h =21 , x =52 , y =77 , v =399

$$\le =19$$
 ,  $h=17$  ,  $x=0$  ,  $y=83$  ,  $v=323$ 

$$w$$
 =29 , h =2 , x =19 , y =83 , v =58



$$w = 57$$
,  $h = 59$ ,  $x = 0$ ,  $y = 0$ ,  $v = 3363$ 

$$w = 49$$
,  $h = 39$ ,  $x = 0$ ,  $y = 59$ ,  $v = 1911$ 

$$w=\!20$$
 ,  $h=\!88$  ,  $x=\!80$  ,  $y=\!0$  ,  $v=\!1760$ 

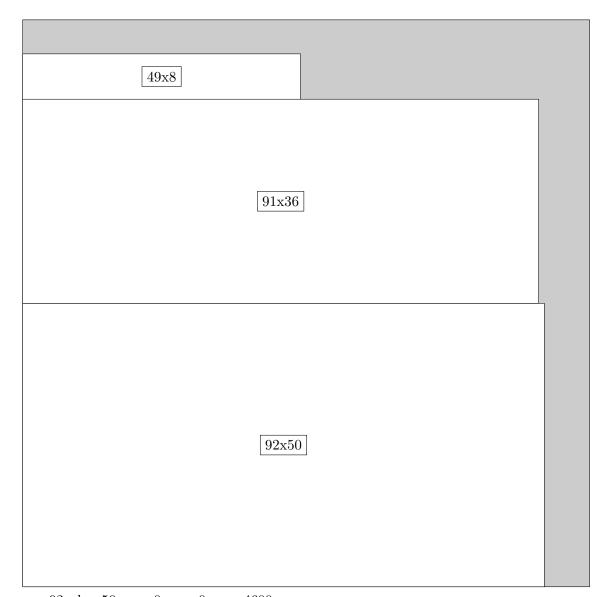
$$w = 22$$
,  $h = 33$ ,  $x = 57$ ,  $y = 0$ ,  $v = 726$ 

$$w=\!19$$
 ,  $h=\!37$  ,  $x=\!57$  ,  $y=\!33$  ,  $v=\!703$ 

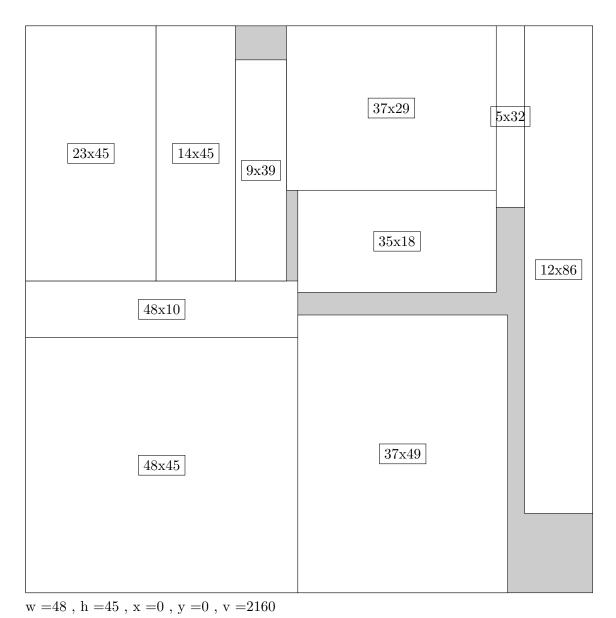
$$w=\!19$$
 ,  $h=\!18$  ,  $x=\!49$  ,  $y=\!70$  ,  $v=\!342$ 

$$w$$
 =22 , h =4 , x =49 , y =88 , v =88

$$\mathbf{w}$$
 =16 , h =4 , x =71 , y =88 , v =64



$$\begin{array}{l} w = 92 \ , \ h = 50 \ , \ x = 0 \ , \ y = 0 \ , \ v = 4600 \\ w = 91 \ , \ h = 36 \ , \ x = 0 \ , \ y = 50 \ , \ v = 3276 \\ w = 49 \ , \ h = 8 \ , \ x = 0 \ , \ y = 86 \ , \ v = 392 \end{array}$$



$$\begin{array}{l} w = \! 48 \; , \; h = \! 10 \; , \; x = \! 0 \; , \; y = \! 45 \; , \; v = \! 480 \\ w = \! 37 \; , \; h = \! 29 \; , \; x = \! 46 \; , \; y = \! 71 \; , \; v = \! 1073 \\ w = \! 23 \; , \; h = \! 45 \; , \; x = \! 0 \; , \; y = \! 55 \; , \; v = \! 1035 \\ w = \! 12 \; , \; h = \! 86 \; , \; x = \! 88 \; , \; y = \! 14 \; , \; v = \! 1032 \end{array}$$

$$w = 35$$
,  $h = 18$ ,  $x = 48$ ,  $y = 53$ ,  $v = 630$   
 $w = 14$ ,  $h = 45$ ,  $x = 23$ ,  $y = 55$ ,  $v = 630$ 

$$w = 14$$
,  $h = 49$ ,  $x = 23$ ,  $y = 50$ ,  $v = 050$   
 $w = 37$ ,  $h = 49$ ,  $x = 48$ ,  $y = 0$ ,  $v = 1813$ 

$$w = 57$$
,  $h = 49$ ,  $x = 48$ ,  $y = 0$ ,  $v = 181$ .  
 $w = 9$ ,  $h = 39$ ,  $x = 37$ ,  $y = 55$ ,  $v = 351$ 

$$w = 9$$
,  $h = 39$ ,  $x = 37$ ,  $y = 55$ ,  $v = 351$ 

$$w$$
 =5 , h =32 , x =83 , y =68 , v =160