$ClassName: \ Class\_07.2bp-21$ 

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

TypeNum: <u>59</u> Num: <u>60</u> OutS: <u>140000</u> InS: <u>123761</u> Rate: <u>0.884</u> UB: <u>14</u> LB0: <u>14</u>

LBWithCut:  $\underline{14}$ NodeCut:  $\underline{0}$ 

LB: **14** 

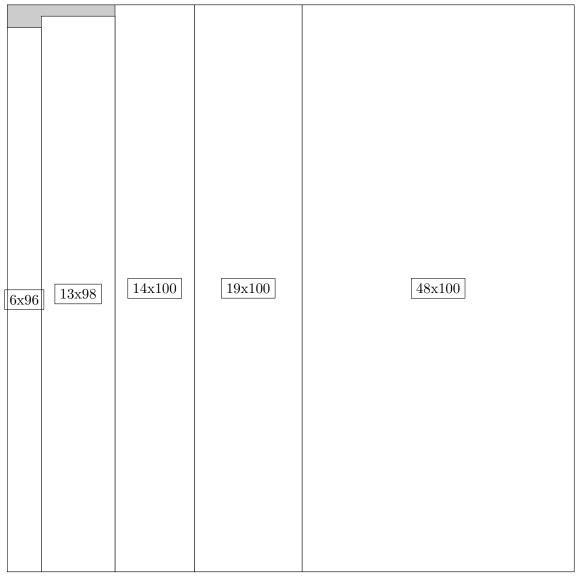
 $\operatorname{ExtendedNodeCnt}$ :  $\underline{\mathbf{1}}$ 

GenNodeCnt:  $\underline{\mathbf{1}}$ PrimalNode:  $\underline{\mathbf{0}}$ ColumnCount:  $\underline{\mathbf{14}}$ TotalCutCount:  $\underline{\mathbf{0}}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt:  $\underline{\mathbf{1}}$ PricingSolverCnt:  $\underline{\mathbf{0}}$ BranchAndBoundNum:  $\underline{\mathbf{1}}$ 

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

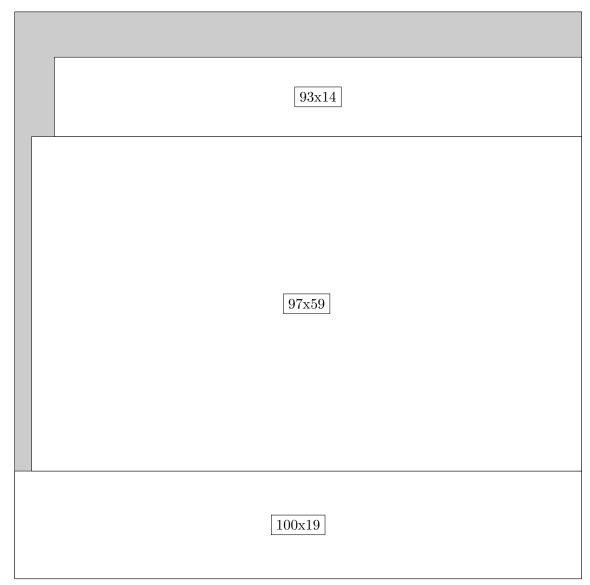
TimeOnInitSolution:  $\underline{600.000 \text{ s}}$ 

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.079 sTotalTime: 600.360 s

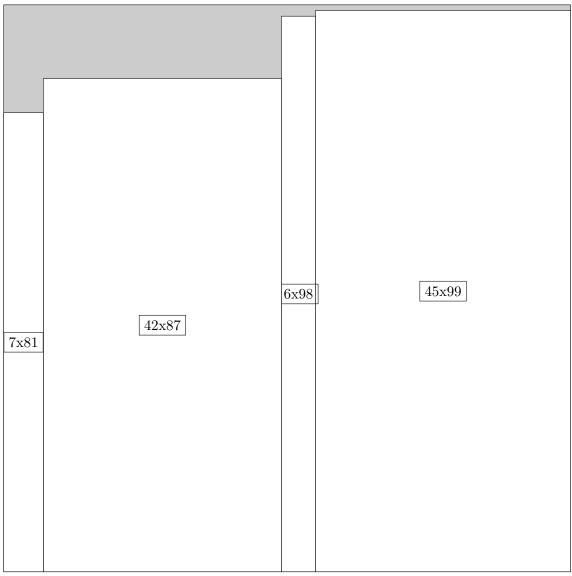


 $\begin{array}{l} w = \! 48 \; , \; h = \! 100 \; , \; x = \! 52 \; , \; y = \! 0 \; , \; v = \! 4800 \\ w = \! 19 \; , \; h = \! 100 \; , \; x = \! 33 \; , \; y = \! 0 \; , \; v = \! 1900 \\ w = \! 14 \; , \; h = \! 100 \; , \; x = \! 19 \; , \; y = \! 0 \; , \; v = \! 1400 \\ w = \! 13 \; , \; h = \! 98 \; , \; x = \! 6 \; , \; y = \! 0 \; , \; v = \! 1274 \\ w = \! 6 \; , \; h = \! 96 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 576 \end{array}$ 

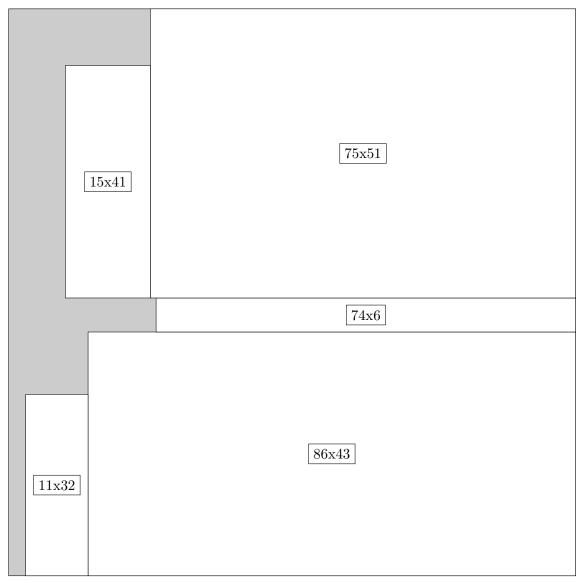




$$\begin{array}{l} w = \! 100 \ , \ h = \! 19 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 1900 \\ w = \! 97 \ , \ h = \! 59 \ , \ x = \! 3 \ , \ y = \! 19 \ , \ v = \! 5723 \\ w = \! 93 \ , \ h = \! 14 \ , \ x = \! 7 \ , \ y = \! 78 \ , \ v = \! 1302 \end{array}$$



 $\begin{array}{l} w = \!\! 45 \ , \ h = \!\! 99 \ , \ x = \!\! 55 \ , \ y = \!\! 0 \ , \ v = \!\! 4455 \\ w = \!\! 6 \ , \ h = \!\! 98 \ , \ x = \!\! 49 \ , \ y = \!\! 0 \ , \ v = \!\! 588 \\ w = \!\! 42 \ , \ h = \!\! 87 \ , \ x = \!\! 7 \ , \ y = \!\! 0 \ , \ v = \!\! 3654 \\ w = \!\! 7 \ , \ h = \!\! 81 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 567 \end{array}$ 



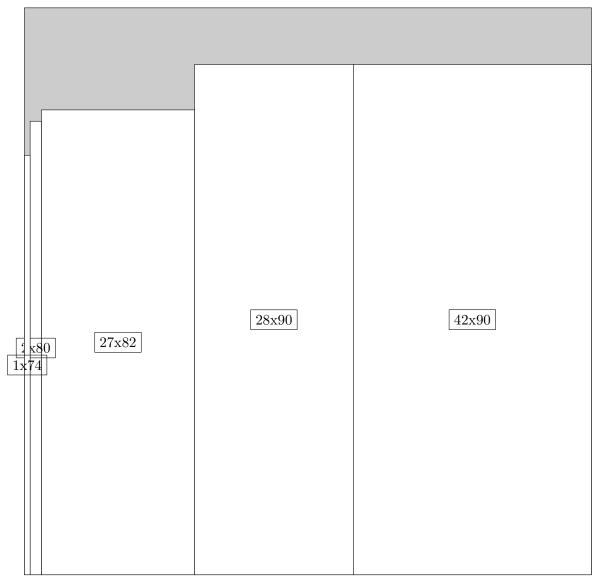
$$w = 86$$
,  $h = 43$ ,  $x = 14$ ,  $y = 0$ ,  $v = 3698$ 

$$w$$
 =74 , h =6 , x =26 , y =43 , v =444

$$\mathbf{w}=\!\!11$$
 ,  $\mathbf{h}=\!\!32$  ,  $\mathbf{x}=\!\!3$  ,  $\mathbf{y}=\!\!0$  ,  $\mathbf{v}=\!\!352$ 

$$\le -75$$
 , h =51 , x =25 , y =49 , v =3825

$$\le =15$$
 , h =41 , x =10 , y =49 , v =615



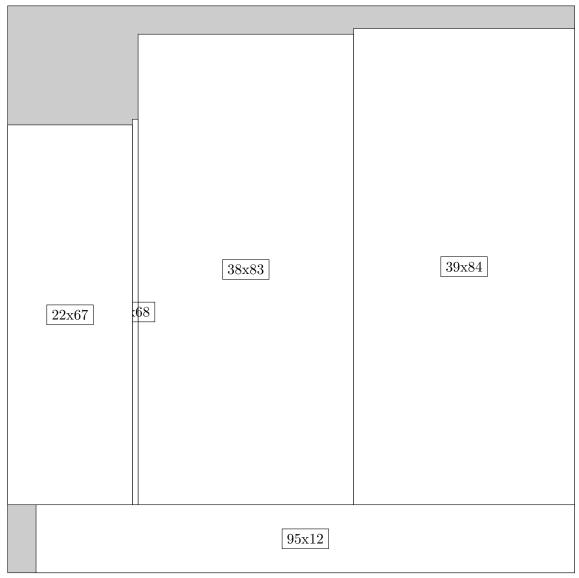
$$w = 42$$
,  $h = 90$ ,  $x = 58$ ,  $y = 0$ ,  $v = 3780$ 

$$\mathbf{w}$$
 =28 , h =90 , x =30 , y =0 , v =2520

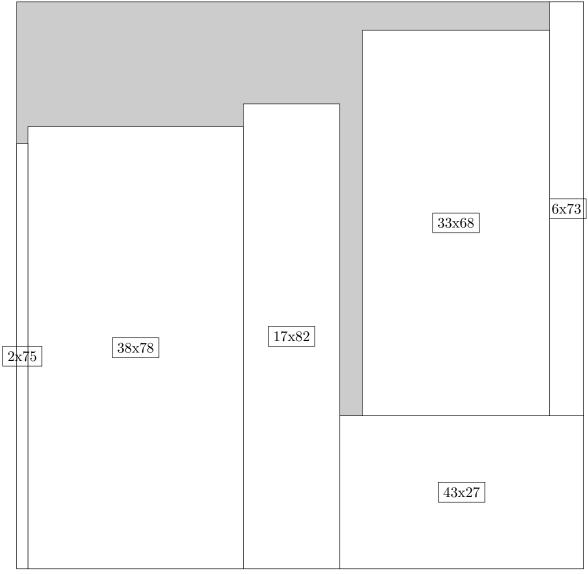
$$\le =27$$
 , h =82 , x =3 , y =0 , v =2214

$$\mathbf{w}$$
 =2 , h =80 , x =1 , y =0 , v =160

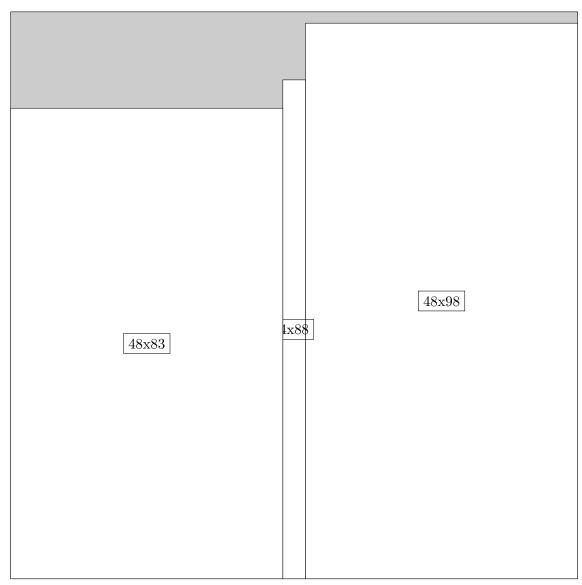
$$w = 1$$
,  $h = 74$ ,  $x = 0$ ,  $y = 0$ ,  $v = 74$ 



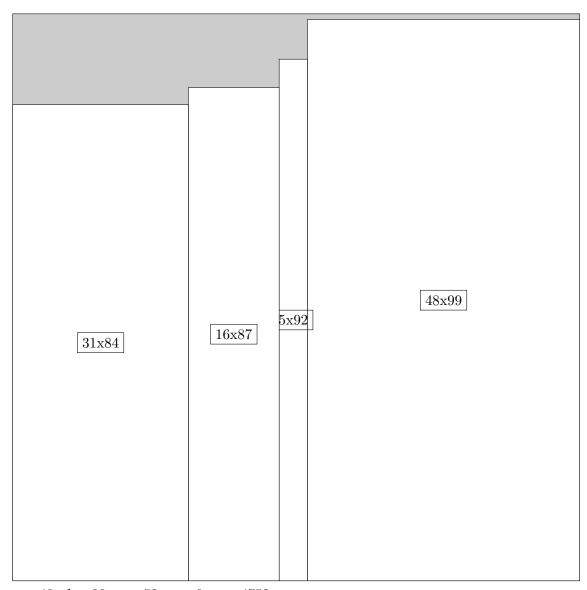
$$\begin{array}{l} w = \!95 \;,\; h = \!12 \;,\; x = \!5 \;,\; y = \!0 \;,\; v = \!1140 \\ w = \!39 \;,\; h = \!84 \;,\; x = \!61 \;,\; y = \!12 \;,\; v = \!3276 \\ w = \!38 \;,\; h = \!83 \;,\; x = \!23 \;,\; y = \!12 \;,\; v = \!3154 \\ w = \!1 \;,\; h = \!68 \;,\; x = \!22 \;,\; y = \!12 \;,\; v = \!68 \\ w = \!22 \;,\; h = \!67 \;,\; x = \!0 \;,\; y = \!12 \;,\; v = \!1474 \end{array}$$



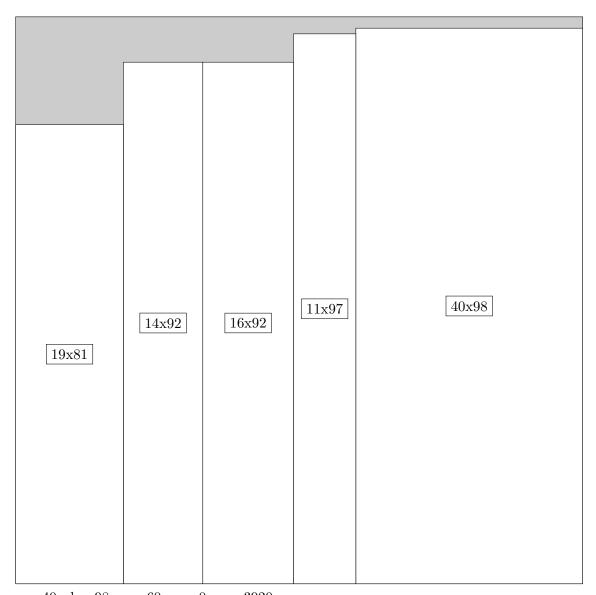
 $\begin{array}{l} w = \! 43 \; , \; h = \! 27 \; , \; x = \! 57 \; , \; y = \! 0 \; , \; v = \! 1161 \\ w = \! 6 \; , \; h = \! 73 \; , \; x = \! 94 \; , \; y = \! 27 \; , \; v = \! 438 \\ w = \! 33 \; , \; h = \! 68 \; , \; x = \! 61 \; , \; y = \! 27 \; , \; v = \! 2244 \\ w = \! 17 \; , \; h = \! 82 \; , \; x = \! 40 \; , \; y = \! 0 \; , \; v = \! 1394 \\ w = \! 38 \; , \; h = \! 78 \; , \; x = \! 2 \; , \; y = \! 0 \; , \; v = \! 2964 \\ w = \! 2 \; , \; h = \! 75 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 150 \end{array}$ 



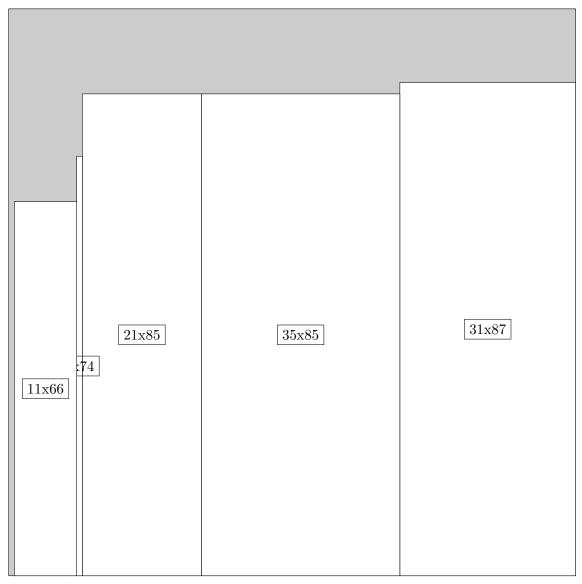
 $\begin{array}{l} w = \! 48 \ , \ h = \! 98 \ , \ x = \! 52 \ , \ y = \! 0 \ , \ v = \! 4704 \\ w = \! 4 \ , \ h = \! 88 \ , \ x = \! 48 \ , \ y = \! 0 \ , \ v = \! 352 \\ w = \! 48 \ , \ h = \! 83 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3984 \end{array}$ 



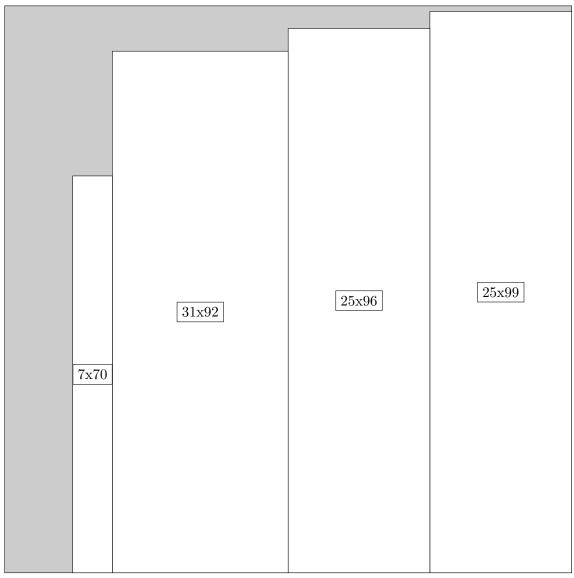
 $\begin{array}{l} w = \!\! 48 \ , \ h = \!\! 99 \ , \ x = \!\! 52 \ , \ y = \!\! 0 \ , \ v = \!\! 4752 \\ w = \!\! 5 \ , \ h = \!\! 92 \ , \ x = \!\! 47 \ , \ y = \!\! 0 \ , \ v = \!\! 460 \\ w = \!\! 16 \ , \ h = \!\! 87 \ , \ x = \!\! 31 \ , \ y = \!\! 0 \ , \ v = \!\! 1392 \\ w = \!\! 31 \ , \ h = \!\! 84 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 2604 \end{array}$ 



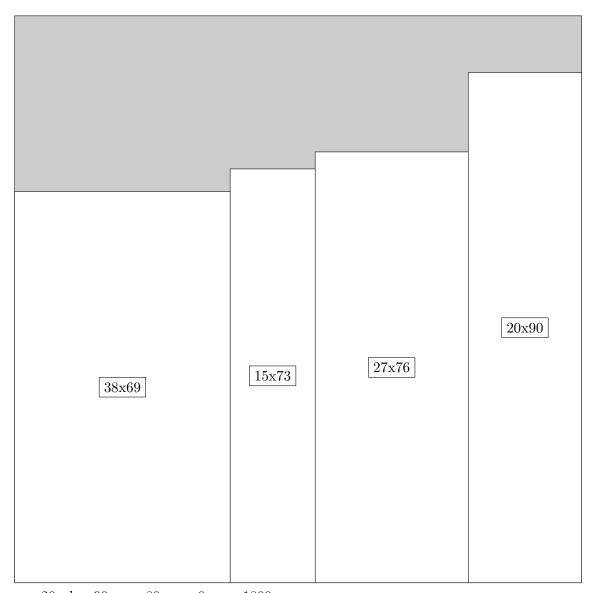
 $\begin{array}{l} w = \!\! 40 \ , \ h = \!\! 98 \ , \ x = \!\! 60 \ , \ y = \!\! 0 \ , \ v = \!\! 3920 \\ w = \!\! 11 \ , \ h = \!\! 97 \ , \ x = \!\! 49 \ , \ y = \!\! 0 \ , \ v = \!\! 1067 \\ w = \!\! 16 \ , \ h = \!\! 92 \ , \ x = \!\! 33 \ , \ y = \!\! 0 \ , \ v = \!\! 1472 \\ w = \!\! 14 \ , \ h = \!\! 92 \ , \ x = \!\! 19 \ , \ y = \!\! 0 \ , \ v = \!\! 1288 \\ w = \!\! 19 \ , \ h = \!\! 81 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 1539 \end{array}$ 



$$\begin{array}{l} w = & 31 \ , \ h = & 87 \ , \ x = & 69 \ , \ y = & 0 \ , \ v = & 2697 \\ w = & 35 \ , \ h = & 85 \ , \ x = & 34 \ , \ y = & 0 \ , \ v = & 2975 \\ w = & 21 \ , \ h = & 85 \ , \ x = & 13 \ , \ y = & 0 \ , \ v = & 1785 \\ w = & 1 \ , \ h = & 74 \ , \ x = & 12 \ , \ y = & 0 \ , \ v = & 74 \\ w = & 11 \ , \ h = & 66 \ , \ x = & 1 \ , \ y = & 0 \ , \ v = & 726 \end{array}$$



 $\begin{array}{l} w = \! 25 \ , \ h = \! 99 \ , \ x = \! 75 \ , \ y = \! 0 \ , \ v = \! 2475 \\ w = \! 25 \ , \ h = \! 96 \ , \ x = \! 50 \ , \ y = \! 0 \ , \ v = \! 2400 \\ w = \! 31 \ , \ h = \! 92 \ , \ x = \! 19 \ , \ y = \! 0 \ , \ v = \! 2852 \\ w = \! 7 \ , \ h = \! 70 \ , \ x = \! 12 \ , \ y = \! 0 \ , \ v = \! 490 \end{array}$ 



$$\le =20$$
 ,  $h=90$  ,  $x=80$  ,  $y=0$  ,  $v=1800$ 

$$\le =27$$
 ,  $h$  =76 ,  $x$  =53 ,  $y$  =0 ,  $v$  =2052

$$\le =15$$
 , h =73 , x =38 , y =0 , v =1095

$$\le 38$$
 ,  $h$  =69 ,  $x$  =0 ,  $y$  =0 ,  $v$  =2622