$ClassName: \ Class_07.2bp-21$

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

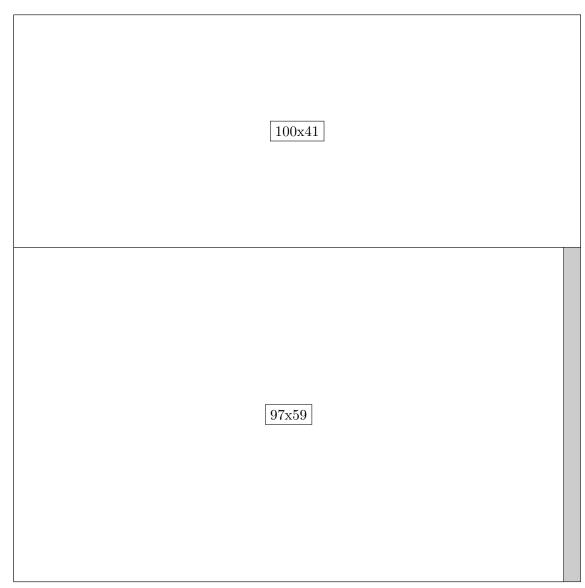
LB: **14**

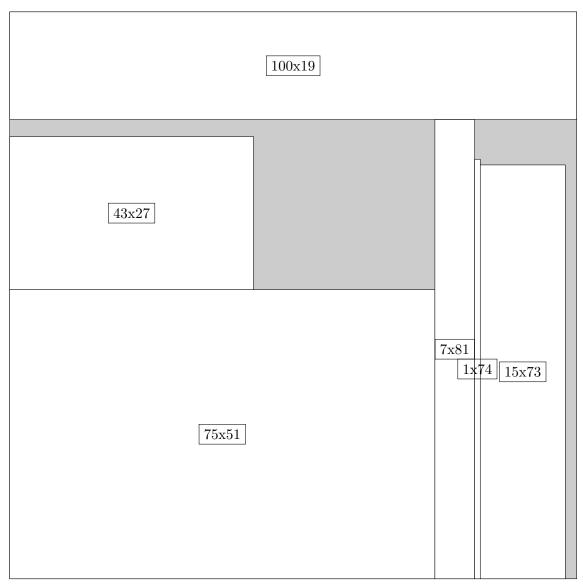
 $\operatorname{ExtendedNodeCnt}$: $\underline{\mathbf{1}}$

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

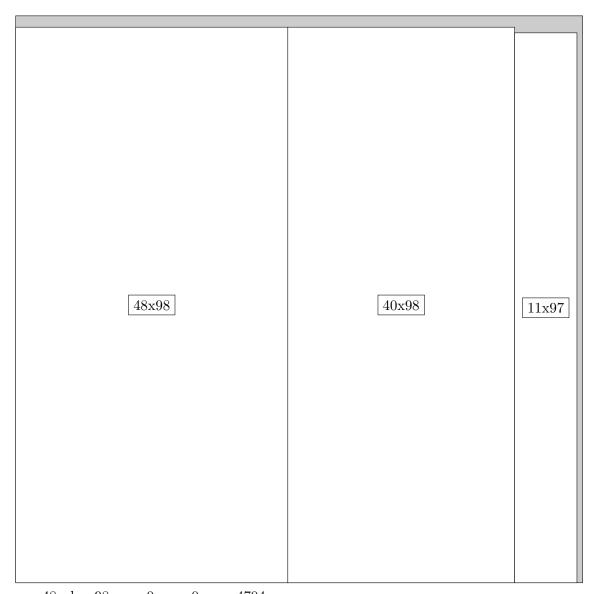
isOpt: **true**

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.140 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.078 \ s} \\ {\rm TotalTime:} \ \underline{0.280 \ s} \\ \end{array}$



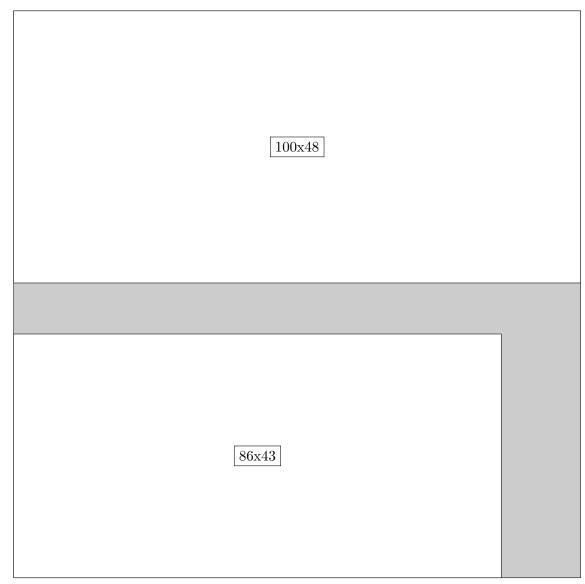


 $\begin{array}{l} w = \!\! 75 \; , \; h = \!\! 51 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 3825 \\ w = \!\! 100 \; , \; h = \!\! 19 \; , \; x = \!\! 0 \; , \; y = \!\! 81 \; , \; v = \!\! 1900 \\ w = \!\! 43 \; , \; h = \!\! 27 \; , \; x = \!\! 0 \; , \; y = \!\! 51 \; , \; v = \!\! 1161 \\ w = \!\! 15 \; , \; h = \!\! 73 \; , \; x = \!\! 83 \; , \; y = \!\! 0 \; , \; v = \!\! 1095 \\ w = \!\! 7 \; , \; h = \!\! 81 \; , \; x = \!\! 75 \; , \; y = \!\! 0 \; , \; v = \!\! 567 \\ w = \!\! 1 \; , \; h = \!\! 74 \; , \; x = \!\! 82 \; , \; y = \!\! 0 \; , \; v = \!\! 74 \end{array}$

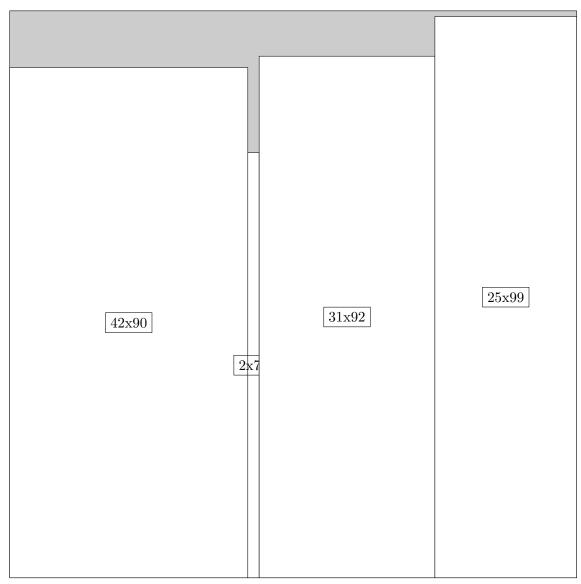


 $\begin{array}{l} w = \! 48 \; , \; h = \! 98 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4704 \\ w = \! 40 \; , \; h = \! 98 \; , \; x = \! 48 \; , \; y = \! 0 \; , \; v = \! 3920 \end{array}$

 \mathbf{w} =11 , h =97 , x =88 , y =0 , v =1067



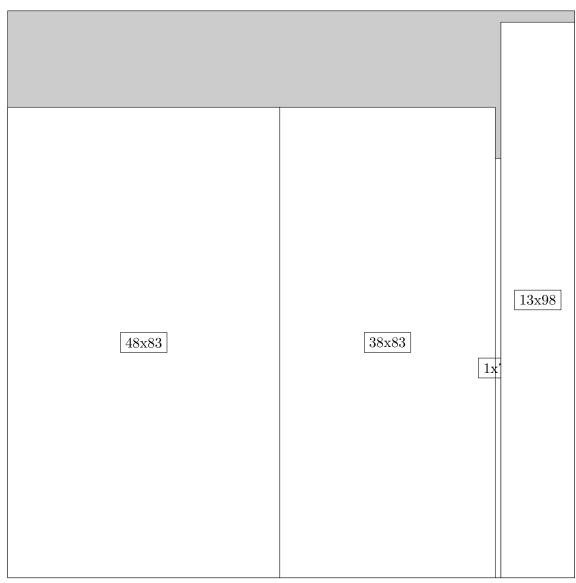
$$\begin{array}{l} w = \! 100 \ , \, h = \! 48 \ , \, x = \! 0 \ , \, y = \! 52 \ , \, v = \! 4800 \\ w = \! 86 \ , \, h = \! 43 \ , \, x = \! 0 \ , \, y = \! 0 \ , \, v = \! 3698 \end{array}$$



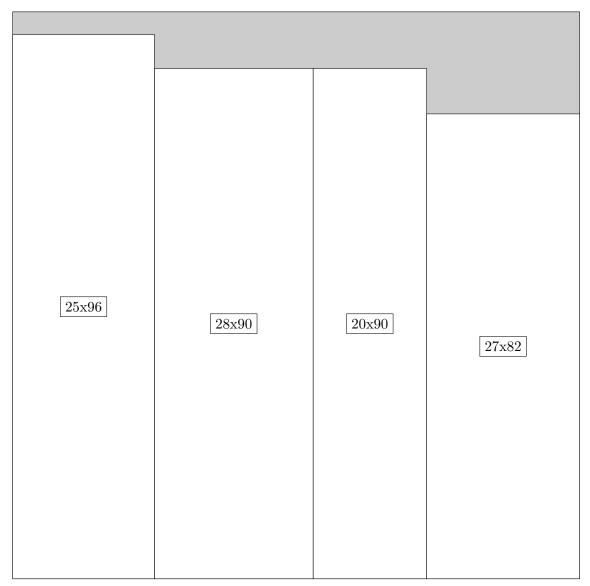
 $\begin{array}{l} w = \!\! 42 \; , \; h = \!\! 90 \; , \; x = \!\! 0 \; , \; y = \!\! 0 \; , \; v = \!\! 3780 \\ w = \!\! 2 \; , \; h = \!\! 75 \; , \; x = \!\! 42 \; , \; y = \!\! 0 \; , \; v = \!\! 150 \\ w = \!\! 31 \; , \; h = \!\! 92 \; , \; x = \!\! 44 \; , \; y = \!\! 0 \; , \; v = \!\! 2852 \\ w = \!\! 25 \; , \; h = \!\! 99 \; , \; x = \!\! 75 \; , \; y = \!\! 0 \; , \; v = \!\! 2475 \end{array}$

48x100	19x100	14x100	19x81
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 $\begin{array}{l} w = \! 48 \; , \; h = \! 100 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 4800 \\ w = \! 19 \; , \; h = \! 100 \; , \; x = \! 48 \; , \; y = \! 0 \; , \; v = \! 1900 \\ w = \! 19 \; , \; h = \! 81 \; , \; x = \! 81 \; , \; y = \! 19 \; , \; v = \! 1539 \\ w = \! 14 \; , \; h = \! 100 \; , \; x = \! 67 \; , \; y = \! 0 \; , \; v = \! 1400 \end{array}$



 $\begin{array}{l} w = \! 48 \; , \; h = \! 83 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 3984 \\ w = \! 38 \; , \; h = \! 83 \; , \; x = \! 48 \; , \; y = \! 0 \; , \; v = \! 3154 \\ w = \! 1 \; , \; h = \! 74 \; , \; x = \! 86 \; , \; y = \! 0 \; , \; v = \! 74 \\ w = \! 13 \; , \; h = \! 98 \; , \; x = \! 87 \; , \; y = \! 0 \; , \; v = \! 1274 \end{array}$

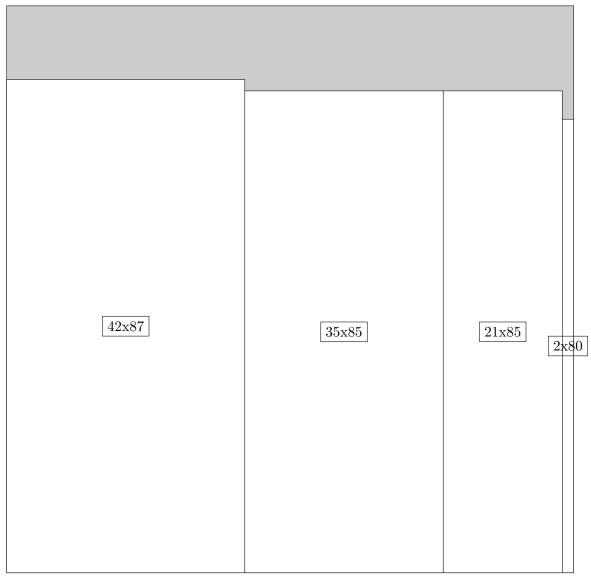


w =28 , h =90 , x =25 , y =0 , v =2520

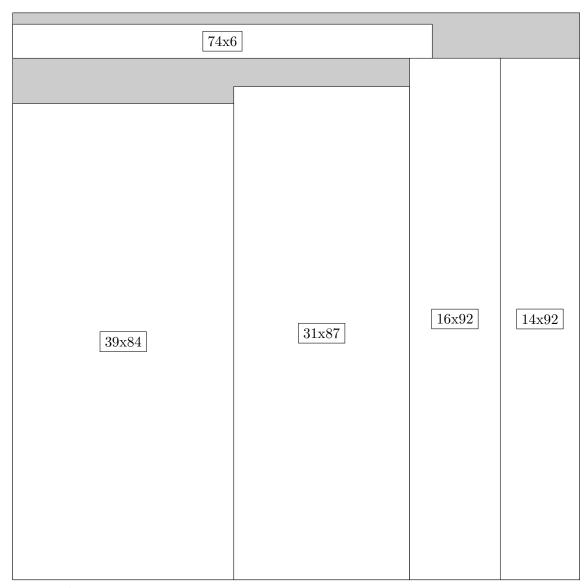
w = 25, h = 96, x = 0, y = 0, v = 2400

 $\le =27$, h =82 , x =73 , y =0 , v =2214

 $\le =20$, h =90 , x =53 , y =0 , v =1800



 $\begin{array}{l} w = \!\! 42 \ , \ h = \!\! 87 \ , \ x = \!\! 0 \ , \ y = \!\! 0 \ , \ v = \!\! 3654 \\ w = \!\! 35 \ , \ h = \!\! 85 \ , \ x = \!\! 42 \ , \ y = \!\! 0 \ , \ v = \!\! 2975 \\ w = \!\! 21 \ , \ h = \!\! 85 \ , \ x = \!\! 77 \ , \ y = \!\! 0 \ , \ v = \!\! 1785 \\ w = \!\! 2 \ , \ h = \!\! 80 \ , \ x = \!\! 98 \ , \ y = \!\! 0 \ , \ v = \!\! 160 \end{array}$



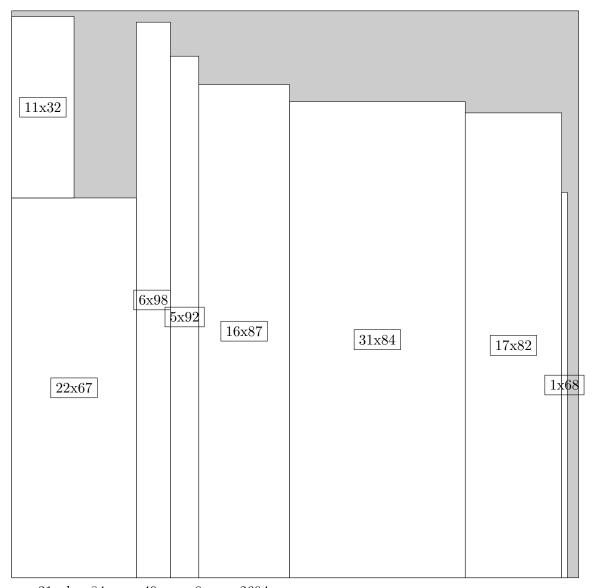
$$\le =39$$
 , h =84 , x =0 , y =0 , v =3276

$$\le 31$$
 , ≤ 87 , ≤ 39 , ≤ 10 , ≤ 100 , ≥ 100 , ≤ 100 , ≥ 100 ,

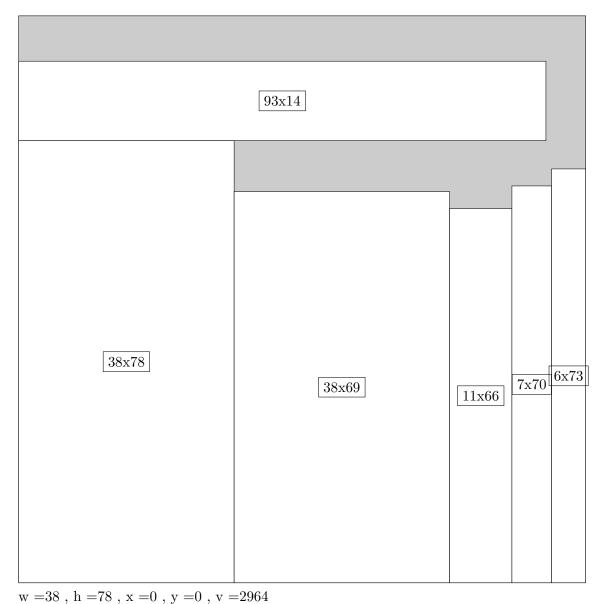
$$\le =16$$
 , h =92 , x =70 , y =0 , v =1472

$$\le =14$$
 , $h=92$, $x=86$, $y=0$, $v=1288$

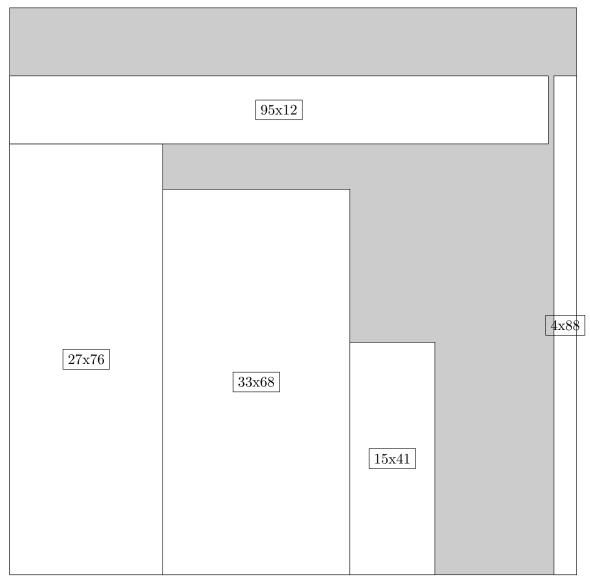
$$w = 74$$
, $h = 6$, $x = 0$, $y = 92$, $v = 444$



 $\begin{array}{l} w = & 31 \;,\; h = & 84 \;,\; x = & 49 \;,\; y = & 0 \;,\; v = & 2604 \\ w = & 16 \;,\; h = & 87 \;,\; x = & 33 \;,\; y = & 0 \;,\; v = & 1392 \\ w = & 22 \;,\; h = & 67 \;,\; x = & 0 \;,\; y = & 0 \;,\; v = & 1474 \\ w = & 17 \;,\; h = & 82 \;,\; x = & 80 \;,\; y = & 0 \;,\; v = & 1394 \\ w = & 6 \;,\; h = & 98 \;,\; x = & 22 \;,\; y = & 0 \;,\; v = & 588 \\ w = & 5 \;,\; h = & 92 \;,\; x = & 28 \;,\; y = & 0 \;,\; v = & 460 \\ w = & 11 \;,\; h = & 32 \;,\; x = & 0 \;,\; y = & 67 \;,\; v = & 352 \\ w = & 1 \;,\; h = & 68 \;,\; x = & 97 \;,\; y = & 0 \;,\; v = & 68 \\ \end{array}$



$$\begin{array}{l} w = 7 \ , \ h = 70 \ , \ x = 87 \ , \ y = 0 \ , \ v = 490 \\ w = 6 \ , \ h = 73 \ , \ x = 94 \ , \ y = 0 \ , \ v = 438 \end{array}$$



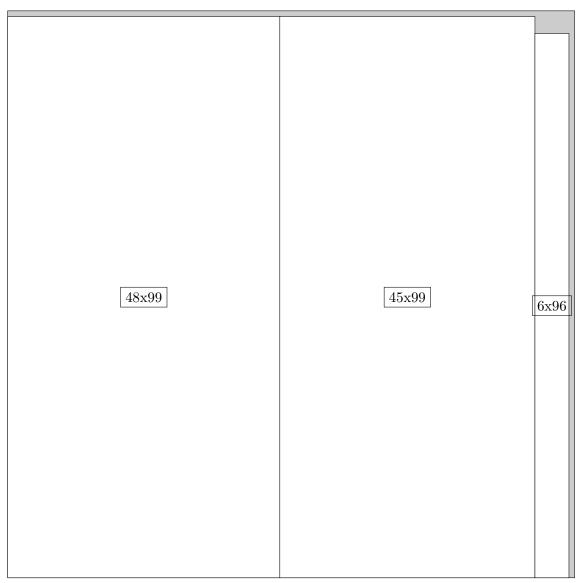
$$\mathbf{w}$$
 =27 , h =76 , x =0 , y =0 , v =2052

$$\le =33$$
 , h =68 , x =27 , y =0 , v =2244

$$w$$
 =95 , h =12 , x =0 , y =76 , v =1140

$$\le =15$$
 , $h=41$, $x=60$, $y=0$, $v=615$

$$w = 4$$
, $h = 88$, $x = 96$, $y = 0$, $v = 352$



 $\begin{array}{l} w = \! 48 \ , \ h = \! 99 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4752 \\ w = \! 45 \ , \ h = \! 99 \ , \ x = \! 48 \ , \ y = \! 0 \ , \ v = \! 4455 \\ w = \! 6 \ , \ h = \! 96 \ , \ x = \! 93 \ , \ y = \! 0 \ , \ v = \! 576 \end{array}$