$ClassName: \ Class_07.2bp-18$

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>80000</u> InS: <u>69497</u> Rate: <u>0.869</u>

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

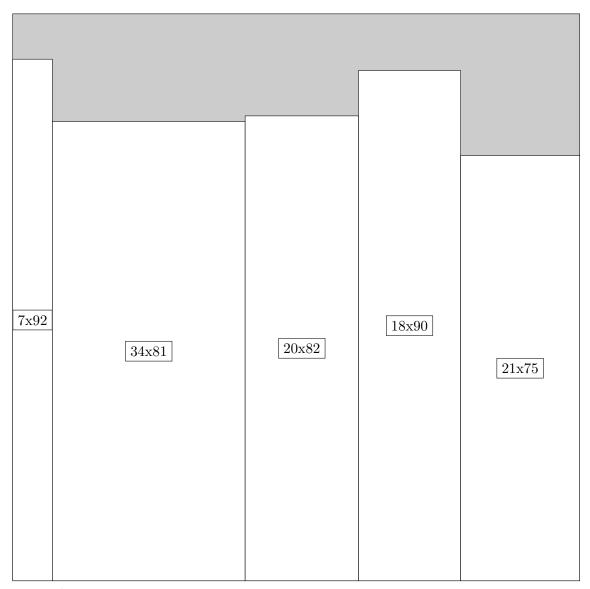
LBWithCut: $\underline{\mathbf{8}}$ NodeCut: $\underline{\mathbf{0}}$

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

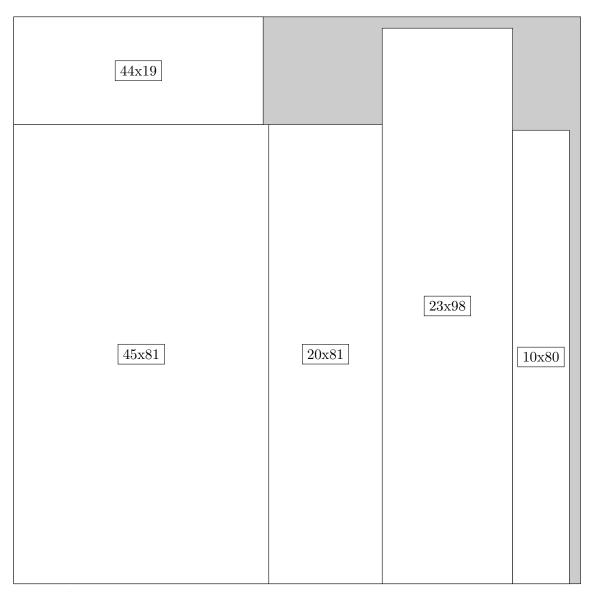
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{8}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.020 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.062 \ s} \\ {\rm TotalTime:} \ \underline{0.145 \ s} \end{array}$



 $\begin{array}{l} w=7\ ,\ h=92\ ,\ x=0\ ,\ y=0\ ,\ v=644\\ w=34\ ,\ h=81\ ,\ x=7\ ,\ y=0\ ,\ v=2754\\ w=20\ ,\ h=82\ ,\ x=41\ ,\ y=0\ ,\ v=1640\\ w=18\ ,\ h=90\ ,\ x=61\ ,\ y=0\ ,\ v=1620\\ w=21\ ,\ h=75\ ,\ x=79\ ,\ y=0\ ,\ v=1575 \end{array}$



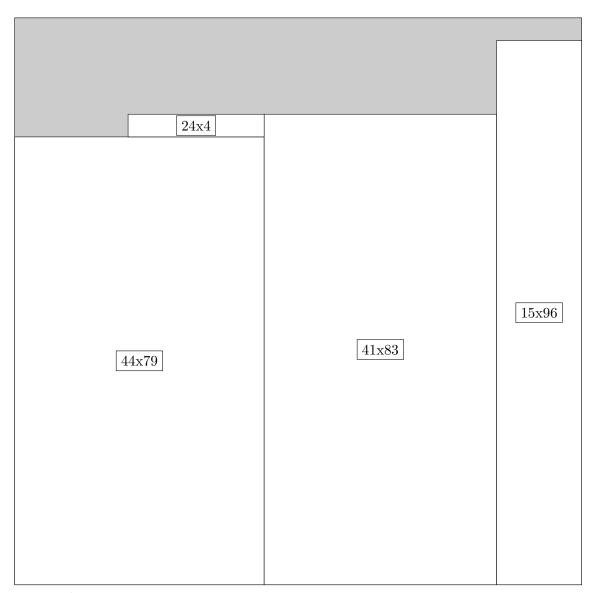
$$\le =45$$
 , h =81 , x =0 , y =0 , v =3645

$$\le =23$$
 , h =98 , x =65 , y =0 , v =2254

$$w=\!20$$
 , $h=\!81$, $x=\!45$, $y=\!0$, $v=\!1620$

$$\mathbf{w}$$
 =44 , h =19 , x =0 , y =81 , v =836

$$w = 10$$
, $h = 80$, $x = 88$, $y = 0$, $v = 800$

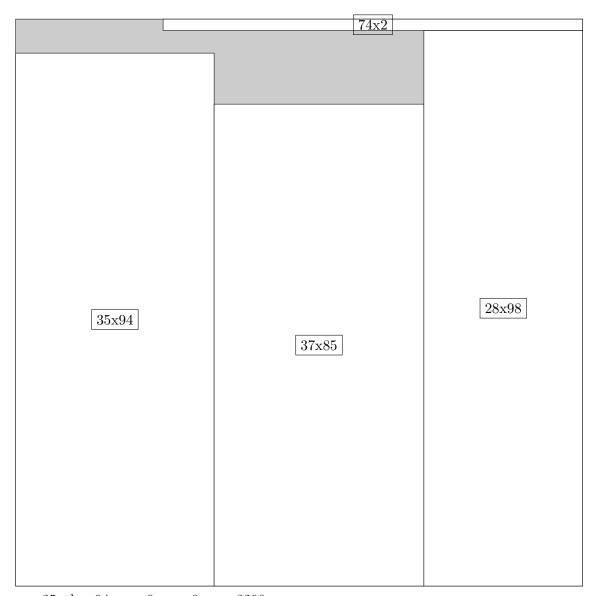


$$\le =44$$
 , h =79 , x =0 , y =0 , v =3476

$$\le =41$$
 , h =83 , x =44 , y =0 , v =3403

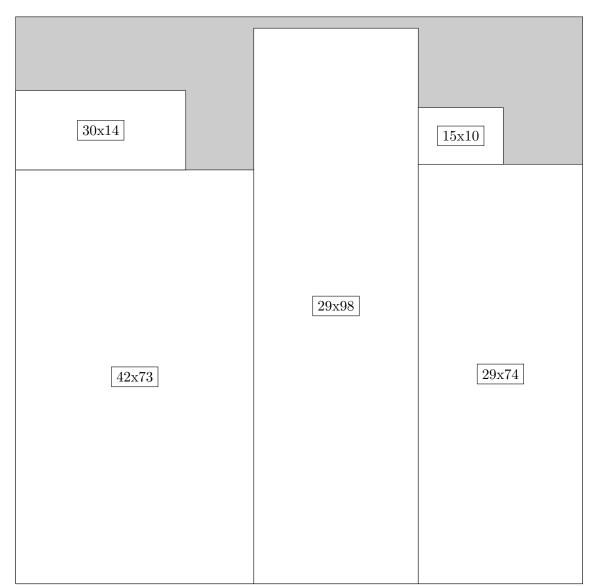
$$\le =15$$
 , h =96 , x =85 , y =0 , v =1440

$$w=\!24$$
 , $h=\!4$, $x=\!20$, $y=\!79$, $v=\!96$



 $\begin{array}{l} w = \! 35 \ , \ h = \! 94 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3290 \\ w = \! 37 \ , \ h = \! 85 \ , \ x = \! 35 \ , \ y = \! 0 \ , \ v = \! 3145 \\ w = \! 28 \ , \ h = \! 98 \ , \ x = \! 72 \ , \ y = \! 0 \ , \ v = \! 2744 \end{array}$

w = 74, h = 2, x = 26, y = 98, v = 148



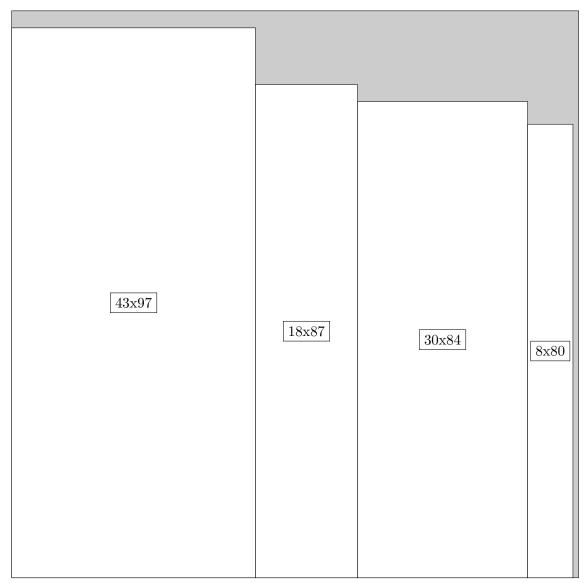
$$\le =42$$
 , h =73 , x =0 , y =0 , v =3066

$$\le =29$$
 , h =98 , x =42 , y =0 , v =2842

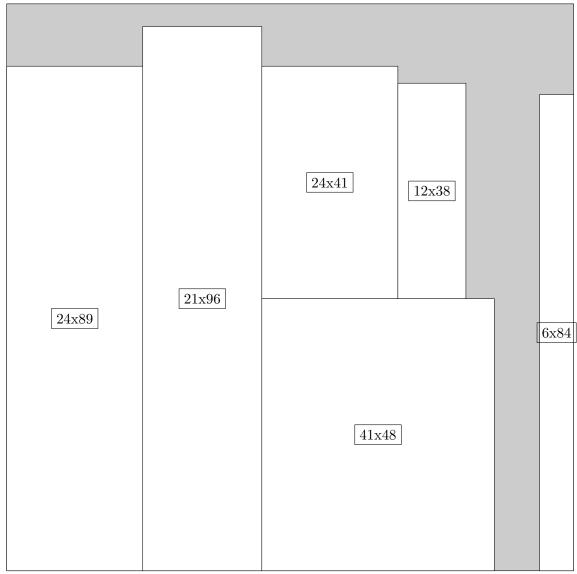
$$\le =29$$
 , h =74 , x =71 , y =0 , v =2146

$$\le =30$$
 , h =14 , x =0 , y =73 , v =420

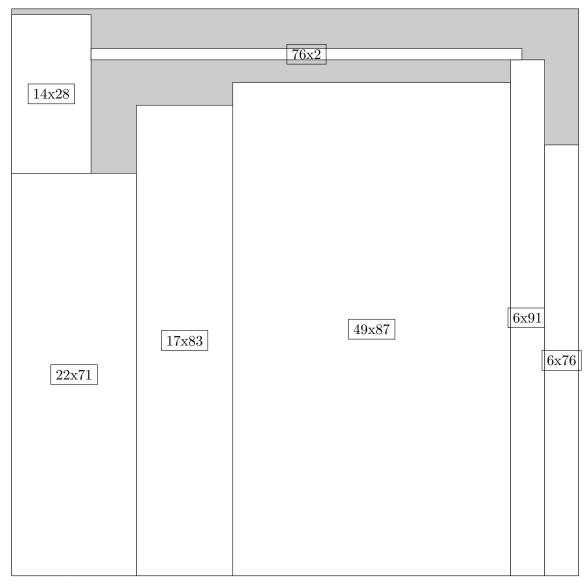
$$w$$
 =15 , h =10 , x =71 , y =74 , v =150



 $\begin{array}{l} w = \! 43 \ , \ h = \! 97 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4171 \\ w = \! 30 \ , \ h = \! 84 \ , \ x = \! 61 \ , \ y = \! 0 \ , \ v = \! 2520 \\ w = \! 18 \ , \ h = \! 87 \ , \ x = \! 43 \ , \ y = \! 0 \ , \ v = \! 1566 \\ w = \! 8 \ , \ h = \! 80 \ , \ x = \! 91 \ , \ y = \! 0 \ , \ v = \! 640 \end{array}$



 $\begin{array}{l} w=24 \;,\; h=89 \;,\; x=0 \;,\; y=0 \;,\; v=2136 \\ w=21 \;,\; h=96 \;,\; x=24 \;,\; y=0 \;,\; v=2016 \\ w=41 \;,\; h=48 \;,\; x=45 \;,\; y=0 \;,\; v=1968 \\ w=24 \;,\; h=41 \;,\; x=45 \;,\; y=48 \;,\; v=984 \\ w=6 \;,\; h=84 \;,\; x=94 \;,\; y=0 \;,\; v=504 \\ w=12 \;,\; h=38 \;,\; x=69 \;,\; y=48 \;,\; v=456 \end{array}$



$$\begin{array}{l} w=22\;,\; h=71\;,\; x=0\;,\; y=0\;,\; v=1562\\ w=17\;,\; h=83\;,\; x=22\;,\; y=0\;,\; v=1411\\ w=49\;,\; h=87\;,\; x=39\;,\; y=0\;,\; v=4263\\ w=6\;,\; h=91\;,\; x=88\;,\; y=0\;,\; v=546\\ w=6\;,\; h=76\;,\; x=94\;,\; y=0\;,\; v=456\\ w=14\;,\; h=28\;,\; x=0\;,\; y=71\;,\; v=392\\ w=76\;,\; h=2\;,\; x=14\;,\; y=91\;,\; v=152\\ \end{array}$$