$ClassName: \ Class_08.2bp-13$

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

TypeNum: <u>40</u> Num: <u>40</u> OutS: <u>120000</u> InS: <u>99739</u> Rate: <u>0.831</u> UB: <u>12</u> LB0: <u>12</u>

LB: <u>12</u> LBWithCut: <u>12</u>

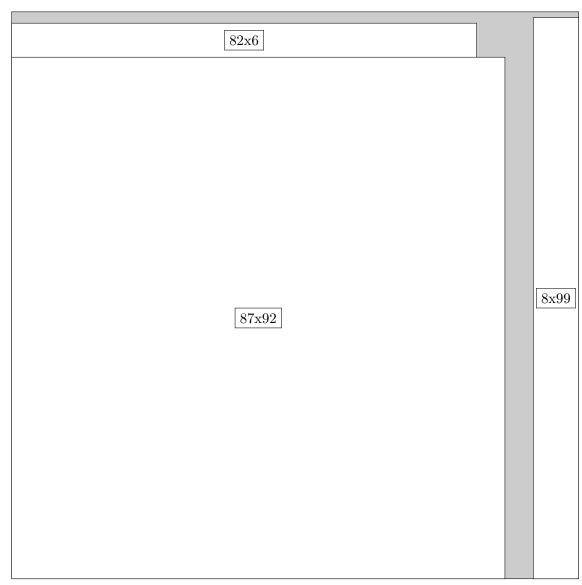
GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{12}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

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

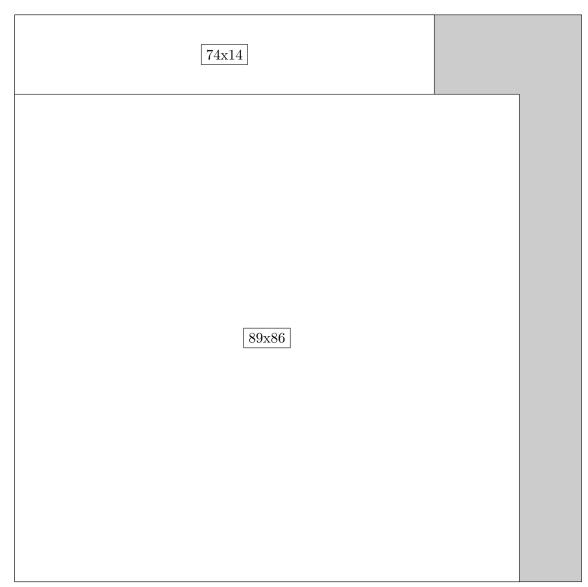
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.020 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.062 \ s} \\ {\rm TotalTime:} \ \underline{0.145 \ s} \\ \end{array}$

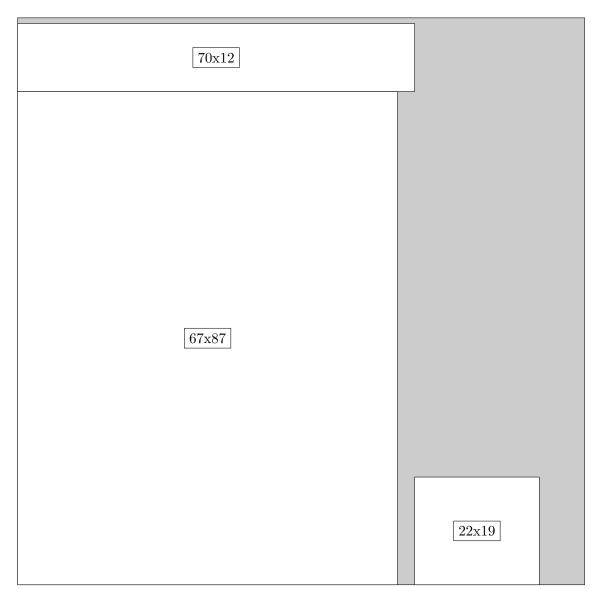


w = 99, h = 97, x = 0, y = 0, v = 9603

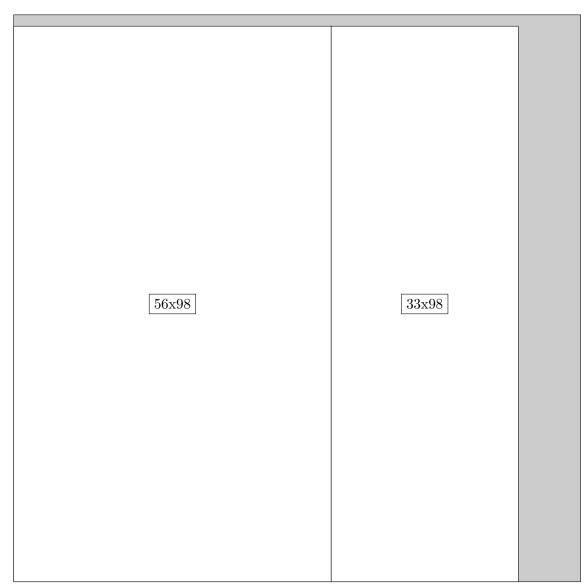


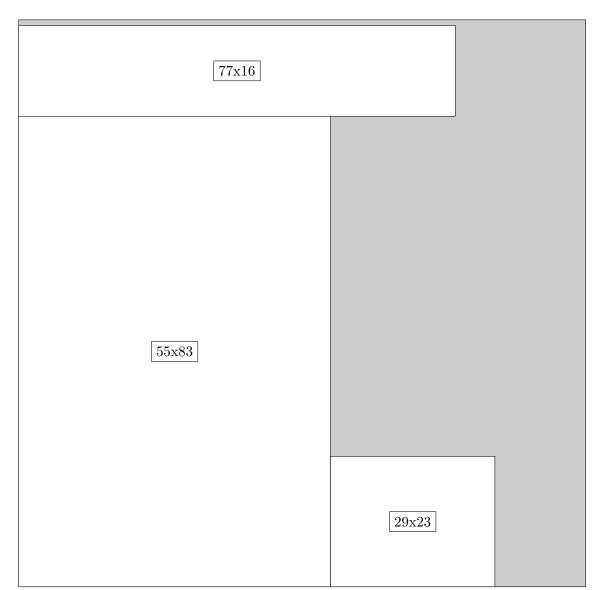
 $\begin{array}{l} w = \! 87 \; , \; h = \! 92 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 8004 \\ w = \! 8 \; , \; h = \! 99 \; , \; x = \! 92 \; , \; y = \! 0 \; , \; v = \! 792 \\ w = \! 82 \; , \; h = \! 6 \; , \; x = \! 0 \; , \; y = \! 92 \; , \; v = \! 492 \end{array}$





$$\begin{array}{l} w = \! 67 \; , \; h = \! 87 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 5829 \\ w = \! 70 \; , \; h = \! 12 \; , \; x = \! 0 \; , \; y = \! 87 \; , \; v = \! 840 \\ w = \! 22 \; , \; h = \! 19 \; , \; x = \! 70 \; , \; y = \! 0 \; , \; v = \! 418 \end{array}$$

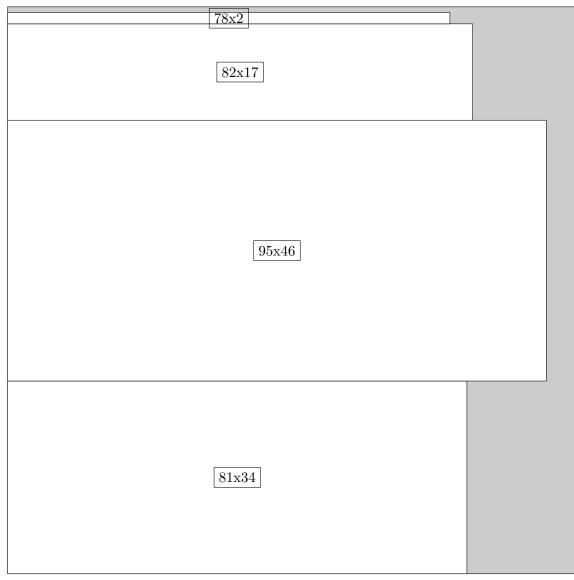




$$\le -55$$
 , h =
83 , x =
0 , y =
0 , v =
4565

$$\le =77$$
 , h =16 , x =0 , y =83 , v =1232

$$\le =29$$
 , h =23 , x =55 , y =0 , v =667

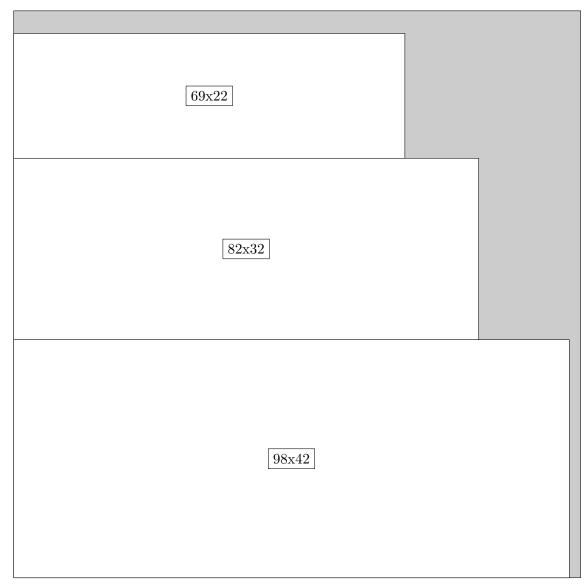


$$\le =81$$
 , $h=34$, $x=0$, $y=0$, $v=2754$

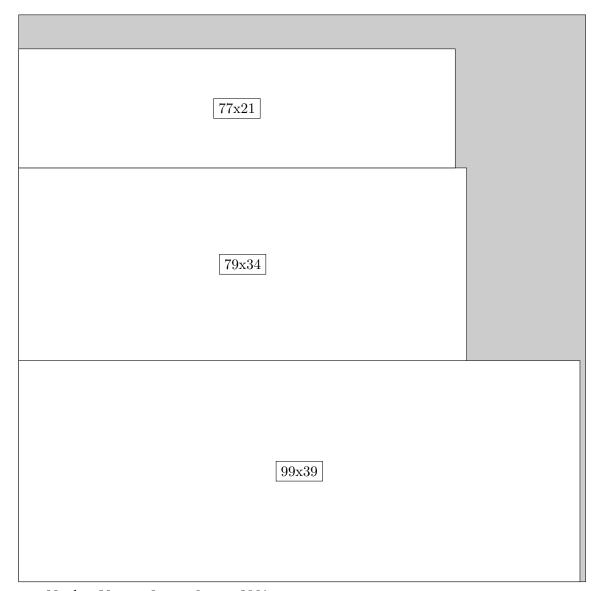
$$\le =95$$
 , h =46 , x =0 , y =34 , v =4370

$$\le =82$$
 , h =17 , x =0 , y =80 , v =1394

$$\le -78$$
 , h =2 , x =0 , y =97 , v =156

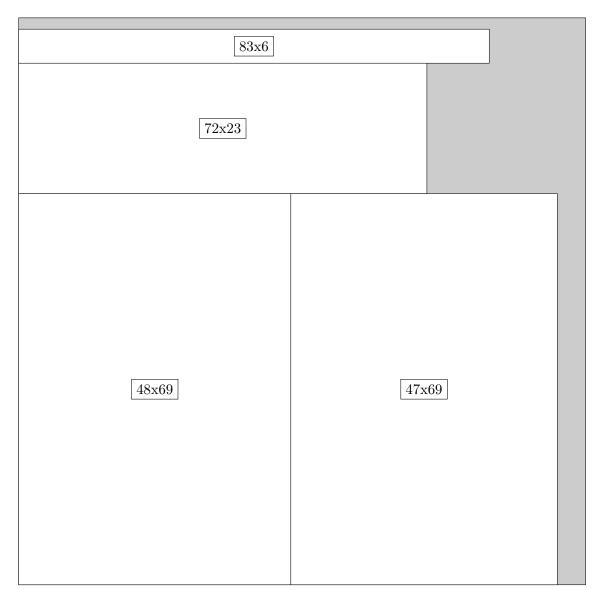


$$\begin{array}{l} w = \! 98 \ , \ h = \! 42 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4116 \\ w = \! 82 \ , \ h = \! 32 \ , \ x = \! 0 \ , \ y = \! 42 \ , \ v = \! 2624 \\ w = \! 69 \ , \ h = \! 22 \ , \ x = \! 0 \ , \ y = \! 74 \ , \ v = \! 1518 \end{array}$$



$$\begin{array}{l} w = \! 99 \ , \ h = \! 39 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 3861 \\ w = \! 79 \ , \ h = \! 34 \ , \ x = \! 0 \ , \ y = \! 39 \ , \ v = \! 2686 \end{array}$$

$$w = 77$$
, $h = 21$, $x = 0$, $y = 73$, $v = 1617$

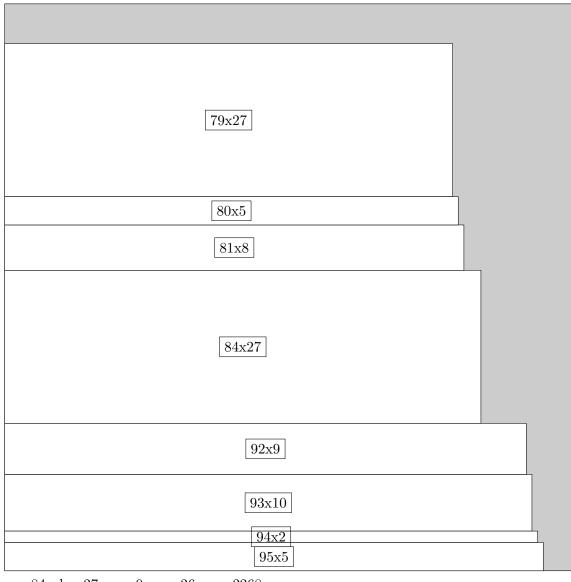


$$\le =48$$
 , h =69 , x =0 , y =0 , v =3312

$$\le =47$$
 , h =69 , x =48 , y =0 , v =3243

$$\le =72$$
 , h =23 , x =0 , y =69 , v =1656

$$\le =83$$
 , h =6 , x =0 , y =92 , v =498



$$\le =84$$
 , $h=27$, $x=0$, $y=26$, $v=2268$

$$\le =79$$
 , h =27 , x =0 , y =66 , v =2133

$$\le =93$$
 , $h=\!10$, $x=\!0$, $y=\!7$, $v=\!930$

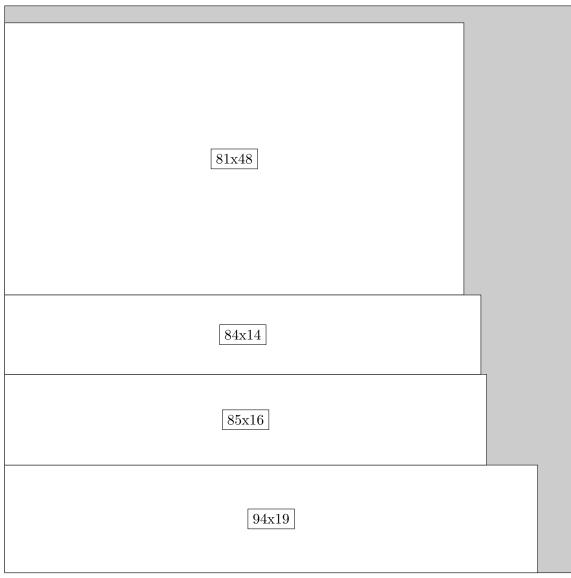
$$\le =92$$
 , h =9 , x =0 , y =17 , v =828

$$\le =81$$
 , $h=8$, $x=0$, $y=53$, $v=648$

$$w=95$$
 , $h=5$, $x=0$, $y=0$, $v=\!475$

$$\le =80$$
 , $h=5$, $x=0$, $y=61$, $v=400$

$$\mathbf{w}=\!94$$
 , $\mathbf{h}=\!2$, $\mathbf{x}=\!0$, $\mathbf{y}=\!5$, $\mathbf{v}=\!188$



$$\le =81$$
 , $h=48$, $x=0$, $y=49$, $v=3888$

$$\le =94$$
 , h =19 , x =0 , y =0 , v =1786

$$\le =85$$
 , h =16 , x =0 , y =19 , v =1360

$$\le =84$$
 , h =14 , x =0 , y =35 , v =1176