${\bf ClassName:}~{\bf Class_08.2bp\text{-}20}$

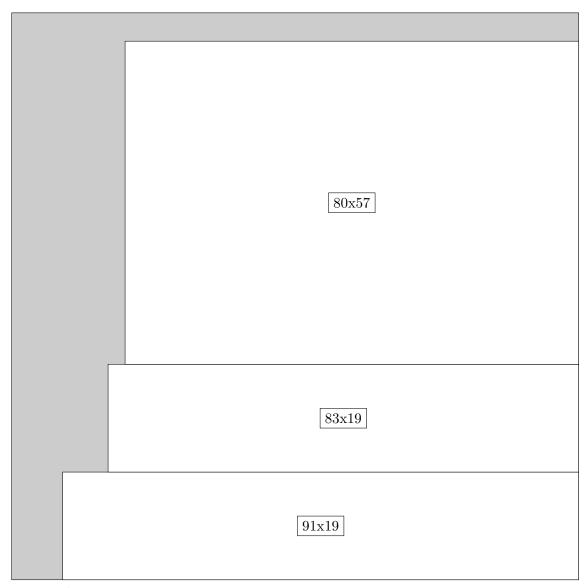
BinSize: $\underline{100 \times 100}$ ReduceSize: $\underline{100 \times 100}$

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>170000</u> InS: <u>145807</u> Rate: <u>0.858</u> UB: <u>17</u> LB: <u>17</u>

LBWithCut: $\underline{17}$ NodeCount: $\underline{0}$ PrimalNode: $\underline{0}$ ColumnCount: $\underline{17}$ TotalCutCount: $\underline{0}$ RootCutCount: $\underline{0}$ LPSolverCnt: $\underline{1}$ PricingSolverCnt: $\underline{0}$ BranchAndBoundNum: $\underline{1}$

isOpt: **true**

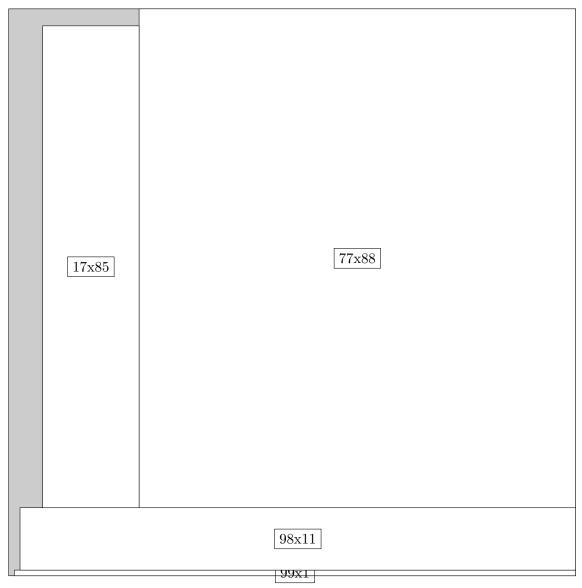
 $\begin{array}{ll} \text{TimeOnPrimal: } \underline{0.000 \text{ s}} \\ \text{TimeOnPricing: } \underline{0.000 \text{ s}} \\ \text{TimeOnRmp: } \underline{0.061 \text{ s}} \\ \text{TotalTime: } \underline{0.204 \text{ s}} \end{array}$



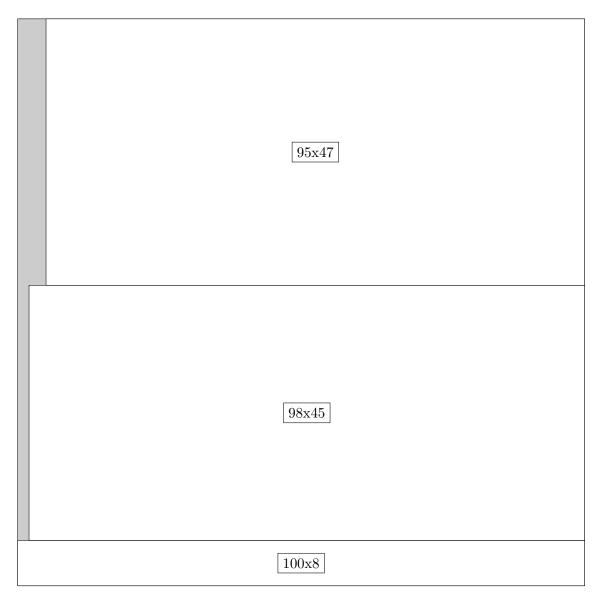
$$\le =91$$
 , h =19 , x =9 , y =0 , v =1729

$$\le =83$$
 , h =19 , x =17 , y =19 , v =1577

$$\le =80$$
 , h =57 , x =20 , y =38 , v =4560



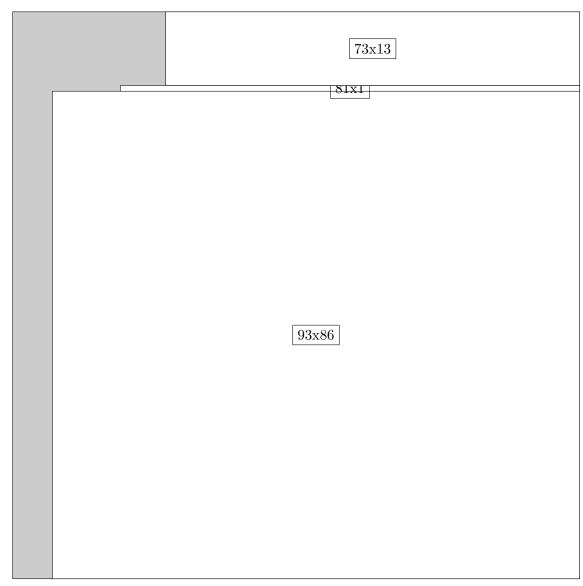
$$\begin{array}{l} w = 99 \ , \ h = 1 \ , \ x = 1 \ , \ y = 0 \ , \ v = 99 \\ w = 98 \ , \ h = 11 \ , \ x = 2 \ , \ y = 1 \ , \ v = 1078 \\ w = 77 \ , \ h = 88 \ , \ x = 23 \ , \ y = 12 \ , \ v = 6776 \\ w = 17 \ , \ h = 85 \ , \ x = 6 \ , \ y = 12 \ , \ v = 1445 \end{array}$$



$$\begin{array}{l} w = \! 100 \; , \; h = \! 8 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 800 \\ w = \! 98 \; , \; h = \! 45 \; , \; x = \! 2 \; , \; y = \! 8 \; , \; v = \! 4410 \\ w = \! 95 \; , \; h = \! 47 \; , \; x = \! 5 \; , \; y = \! 53 \; , \; v = \! 4465 \end{array}$$



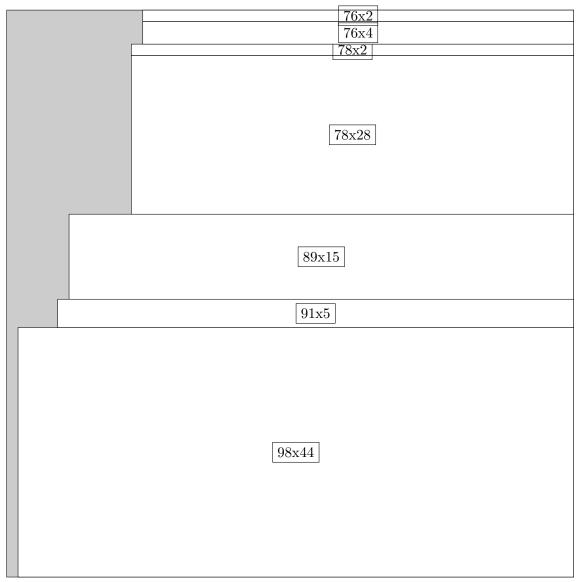
$$\begin{array}{l} w = \! 90 \ , \, h = \! 60 \ , \, x = \! 10 \ , \, y = \! 0 \ , \, v = \! 5400 \\ w = \! 88 \ , \, h = \! 40 \ , \, x = \! 12 \ , \, y = \! 60 \ , \, v = \! 3520 \end{array}$$



$$w = 93$$
, $h = 86$, $x = 7$, $y = 0$, $v = 7998$

$$\le =81$$
 , h =1 , x =19 , y =86 , v =81

$$\le =73$$
 , h =13 , x =27 , y =87 , v =949



$$\le =98$$
 , h =44 , x =2 , y =0 , v =4312

$$w = 91$$
, $h = 5$, $x = 9$, $y = 44$, $v = 455$

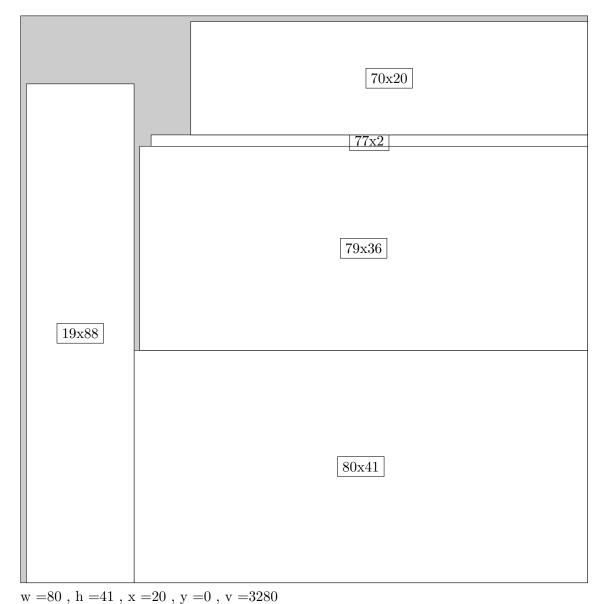
$$\le =89$$
 , h =15 , x =11 , y =49 , v =1335

$$\le -78$$
 , h =28 , x =22 , y =64 , v =2184

$$w=\!78$$
 , $h=\!2$, $x=\!22$, $y=\!92$, $v=\!156$

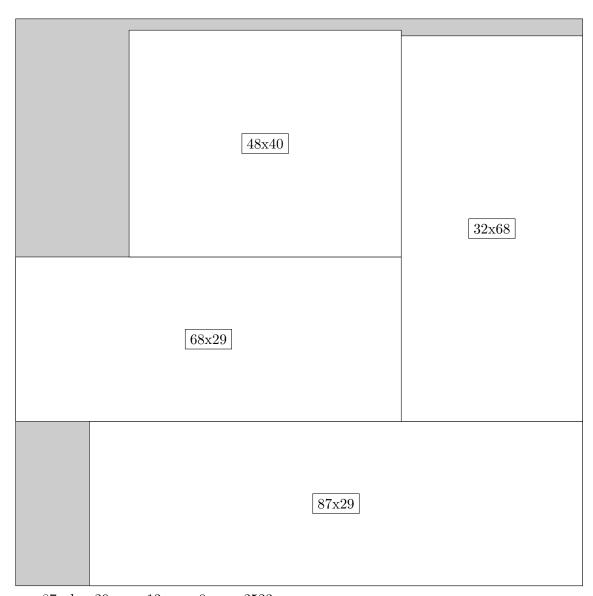
$$w$$
 =76 , h =4 , x =24 , y =94 , v =304

$$w$$
 =76 , h =2 , x =24 , y =98 , v =152



$$w = 19$$
, $h = 88$, $x = 1$, $y = 0$, $v = 1672$



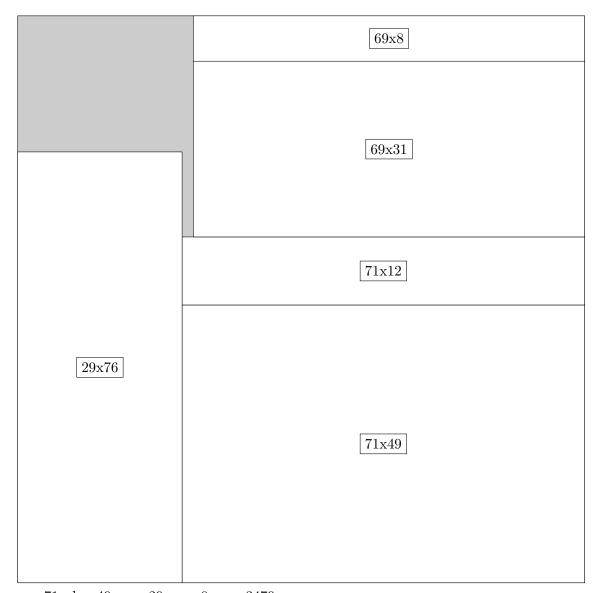


$$\le =87$$
 , h =29 , x =13 , y =0 , v =2523

$$\le =32$$
 , h =68 , x =68 , y =29 , v =2176

$$\le =68$$
 , h =29 , x =0 , y =29 , v =1972

$$\le =48$$
 , h =40 , x =20 , y =58 , v =1920



$$\le =71$$
 , h =49 , x =29 , y =0 , v =3479

$$w$$
 =71 , h =12 , x =29 , y =49 , v =852

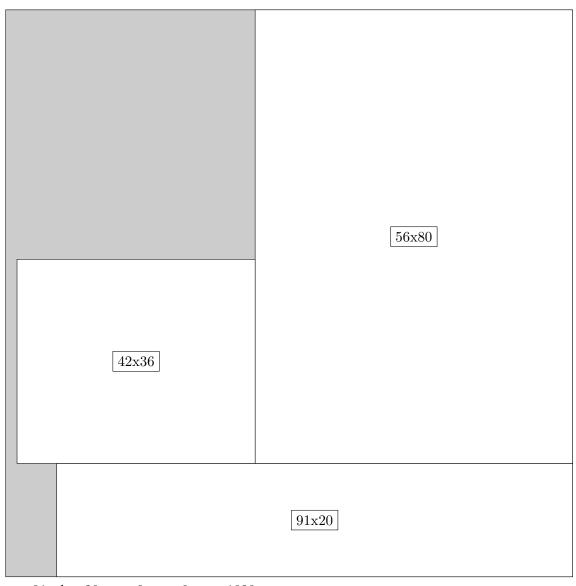
$$\le =69$$
 , h =31 , x =31 , y =61 , v =2139

$$\le =69$$
 , h =8 , x =31 , y =92 , v =552

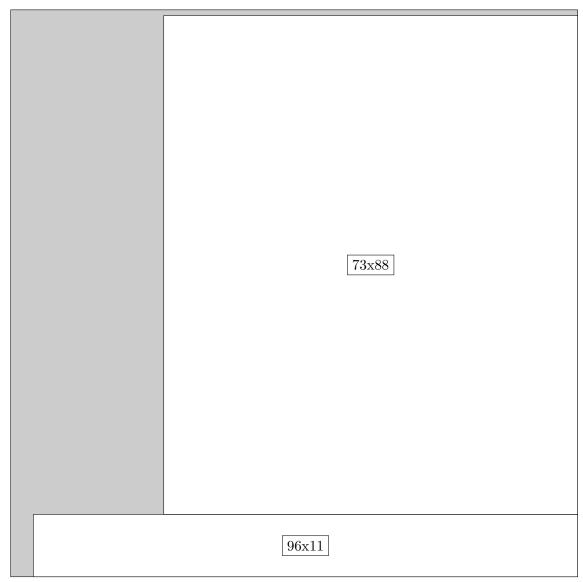
$$\le =29$$
 , h =76 , x =0 , y =0 , v =2204



$$\begin{array}{l} w = \! 95 \; , \; h = \! 48 \; , \; x = \! 5 \; , \; y = \! 0 \; , \; v = \! 4560 \\ w = \! 78 \; , \; h = \! 49 \; , \; x = \! 22 \; , \; y = \! 48 \; , \; v = \! 3822 \end{array}$$



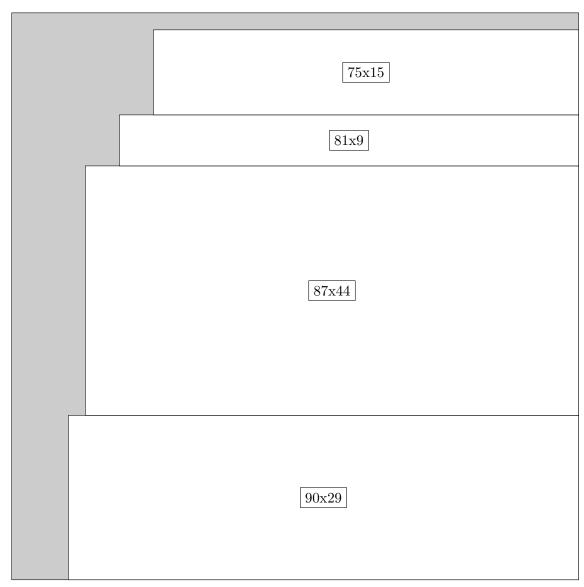
$$\begin{array}{l} w = & 91 \ , \ h = & 20 \ , \ x = & 9 \ , \ y = & 0 \ , \ v = & 1820 \\ w = & 56 \ , \ h = & 80 \ , \ x = & 44 \ , \ y = & 20 \ , \ v = & 4480 \\ w = & 42 \ , \ h = & 36 \ , \ x = & 2 \ , \ y = & 20 \ , \ v = & 1512 \end{array}$$



$$\begin{array}{l} w = \! 96 \; , \; h = \! 11 \; , \; x = \! 4 \; , \; y = \! 0 \; , \; v = \! 1056 \\ w = \! 73 \; , \; h = \! 88 \; , \; x = \! 27 \; , \; y = \! 11 \; , \; v = \! 6424 \end{array}$$



$$\begin{array}{l} w = \! 82 \ , \ h = \! 46 \ , \ x = \! 18 \ , \ y = \! 0 \ , \ v = \! 3772 \\ w = \! 77 \ , \ h = \! 47 \ , \ x = \! 23 \ , \ y = \! 46 \ , \ v = \! 3619 \end{array}$$

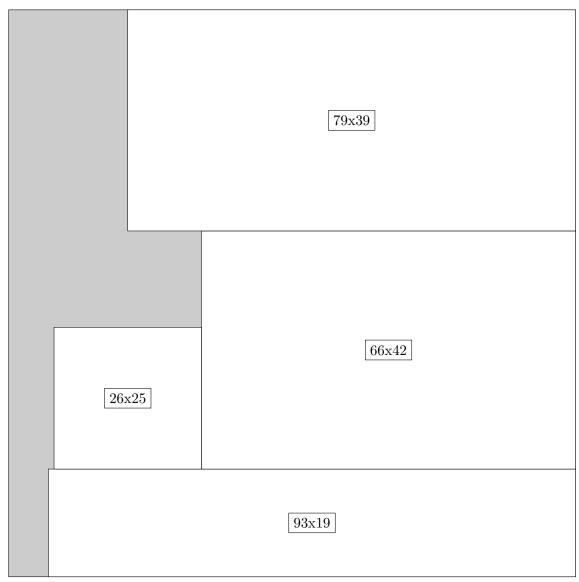


$$\mathbf{w}$$
 =90 , \mathbf{h} =29 , \mathbf{x} =10 , \mathbf{y} =0 , \mathbf{v} =2610

$$w = 87$$
, $h = 44$, $x = 13$, $y = 29$, $v = 3828$

$$\le =81$$
 , h =9 , x =19 , y =73 , v =729

$$\le =75$$
 , h =15 , x =25 , y =82 , v =1125

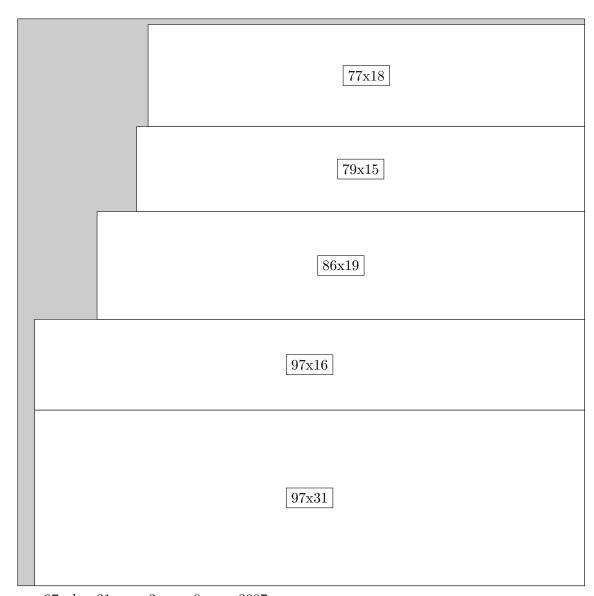


$$\le =93$$
 , h =19 , x =7 , y =0 , v =1767

$$\le =66$$
 , h =42 , x =34 , y =19 , v =2772

$$\le =26$$
 , h =25 , x =8 , y =19 , v =650

$$\le =79$$
 , h =39 , x =21 , y =61 , v =3081



$$\le =97$$
 , h =31 , x =3 , y =0 , v =3007

$$\le =97$$
 , h =16 , x =3 , y =31 , v =1552

$$\le =86$$
 , h =19 , x =14 , y =47 , v =1634

$$\le =79$$
 , h =15 , x =21 , y =66 , v =1185

$$\le =77$$
 , h =18 , x =23 , y =81 , v =1386