$ClassName: \ Class_08.2bp-28$

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

TypeNum: <u>59</u> Num: <u>60</u> OutS: <u>170000</u> InS: <u>136674</u> Rate: <u>0.804</u> UB: <u>17</u> LB0: <u>17</u>

LB: $\underline{17}$ LBWithCut: $\underline{17}$ NodeCut: $\underline{0}$

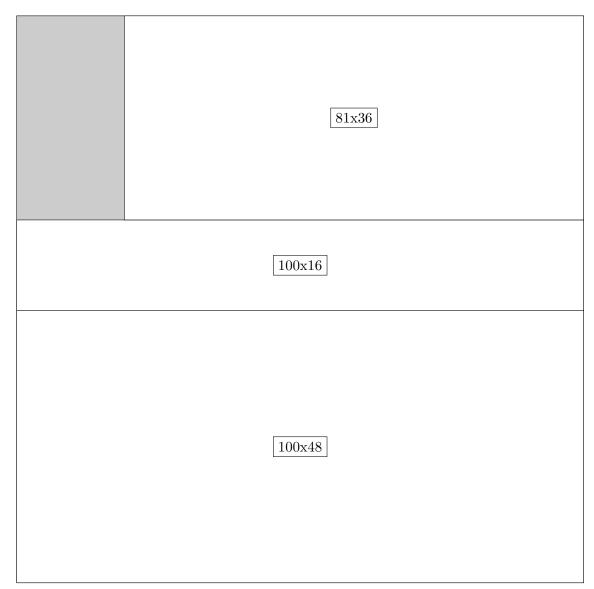
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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

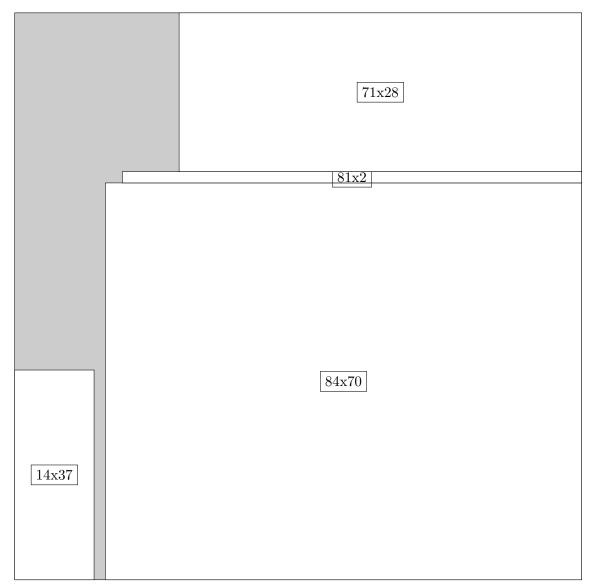
isOpt: $\underline{\mathbf{true}}$

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.063 sTotalTime: 600.328 s



 $\begin{array}{l} w = \! 100 \ , \ h = \! 48 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 4800 \\ w = \! 100 \ , \ h = \! 16 \ , \ x = \! 0 \ , \ y = \! 48 \ , \ v = \! 1600 \\ w = \! 81 \ , \ h = \! 36 \ , \ x = \! 19 \ , \ y = \! 64 \ , \ v = \! 2916 \end{array}$

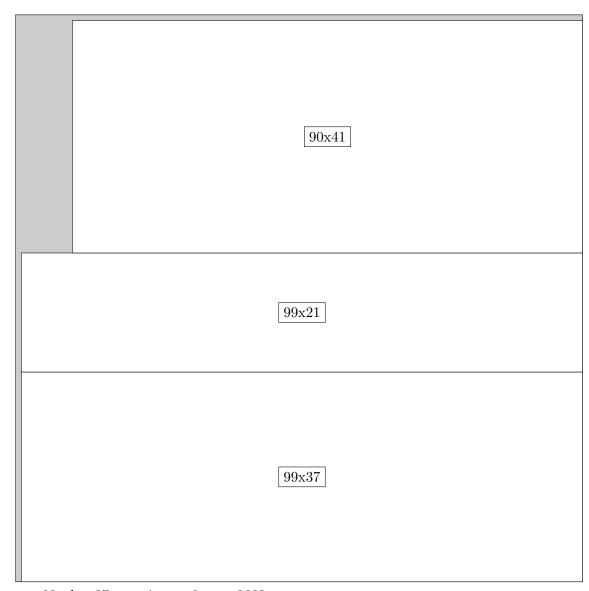


 \mathbf{w} =84 , h =70 , x =16 , y =0 , v =5880

w =81 , h =2 , x =19 , y =70 , v =162

 $\le =71$, h =28 , x =29 , y =72 , v =1988

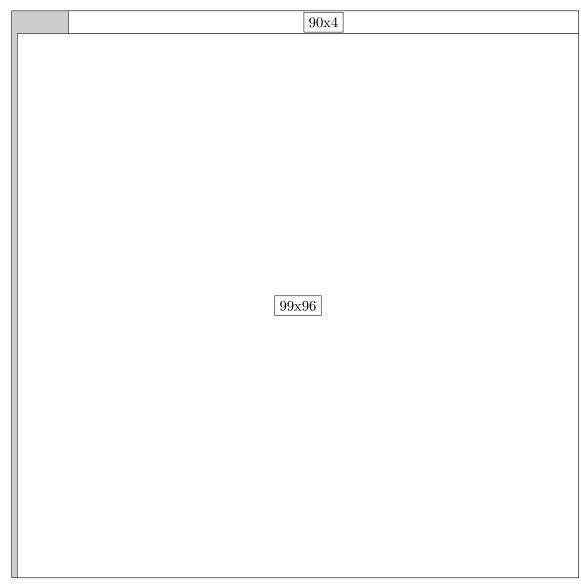
 $\le =14$, h=37 , x=0 , y=0 , v=518



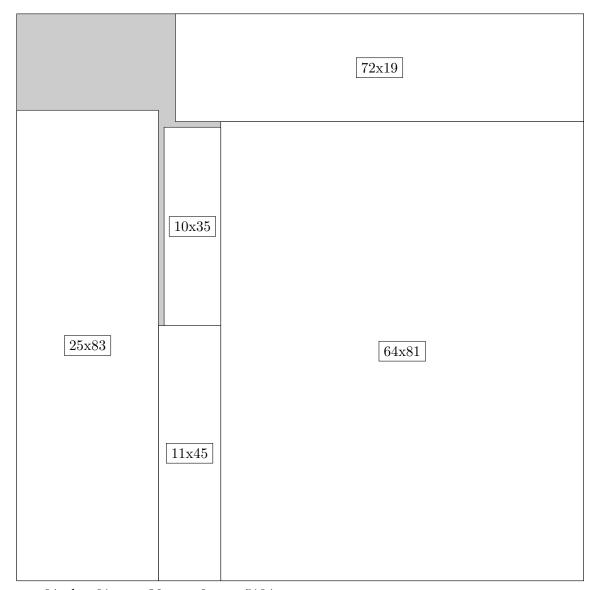
$$\le =99$$
 , h =37 , x =1 , y =0 , v =3663

$$\le =99$$
 , h =21 , x =1 , y =37 , v =2079

$$\le =90$$
 , h =41 , x =10 , y =58 , v =3690



$$\begin{array}{l} w = 99 \ , \ h = 96 \ , \ x = 1 \ , \ y = 0 \ , \ v = 9504 \\ w = 90 \ , \ h = 4 \ , \ x = 10 \ , \ y = 96 \ , \ v = 360 \end{array}$$



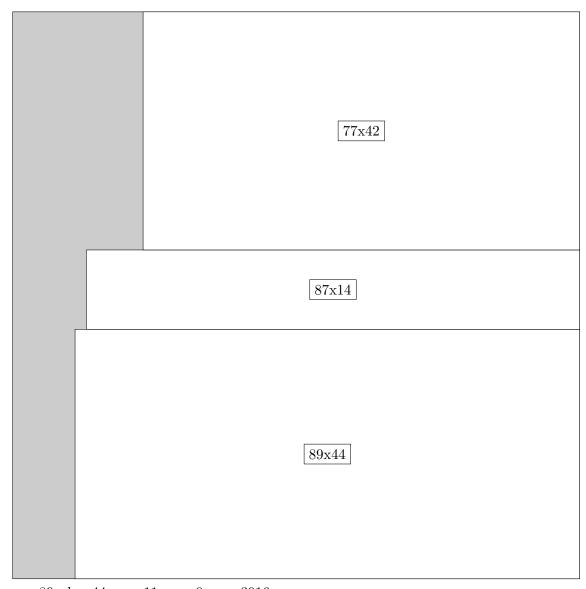
w =64 , h =81 , x =36 , y =0 , v =5184

 $\le =11$, h=45 , x=25 , y=0 , v=495

 $\le =10$, h =35 , x =26 , y =45 , v =350

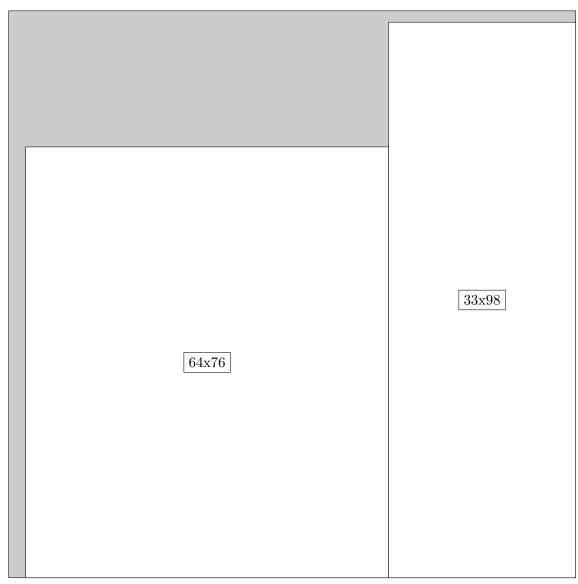
 $\le =72$, h =19 , x =28 , y =81 , v =1368

 $\le =25$, h =83 , x =0 , y =0 , v =2075

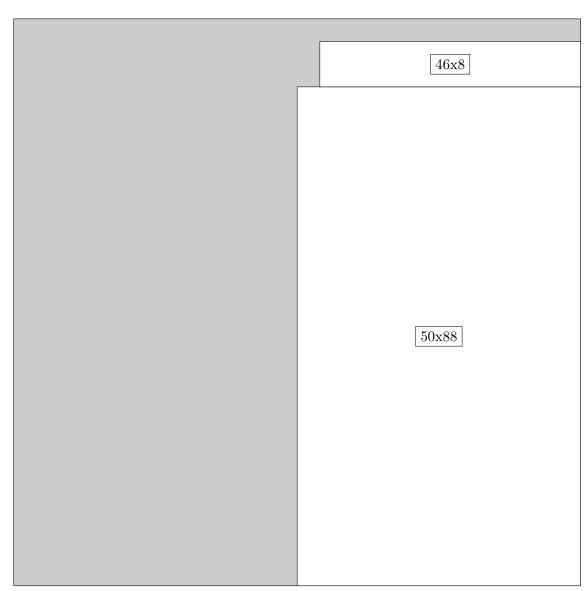


$$w$$
 =87 , h =14 , x =13 , y =44 , v =1218

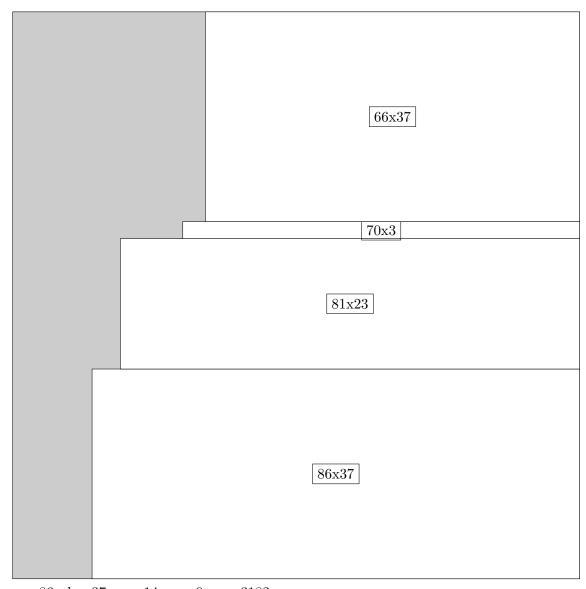
$$\le =77$$
 , h =42 , x =23 , y =58 , v =3234



$$\begin{array}{l} w = \! 33 \ , \ h = \! 98 \ , \ x = \! 67 \ , \ y = \! 0 \ , \ v = \! 3234 \\ w = \! 64 \ , \ h = \! 76 \ , \ x = \! 3 \ , \ y = \! 0 \ , \ v = \! 4864 \end{array}$$



$$\begin{array}{l} w = \! 50 \ , \ h = \! 88 \ , \ x = \! 50 \ , \ y = \! 0 \ , \ v = \! 4400 \\ w = \! 46 \ , \ h = \! 8 \ , \ x = \! 54 \ , \ y = \! 88 \ , \ v = \! 368 \end{array}$$

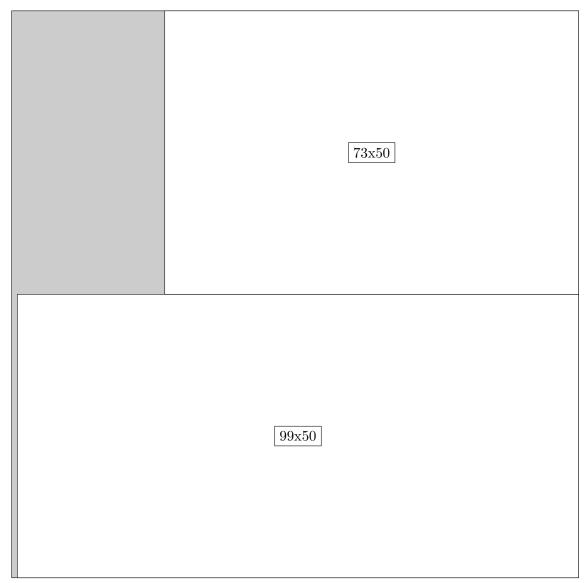


$$\le =86$$
 , h =37 , x =14 , y =0 , v =3182

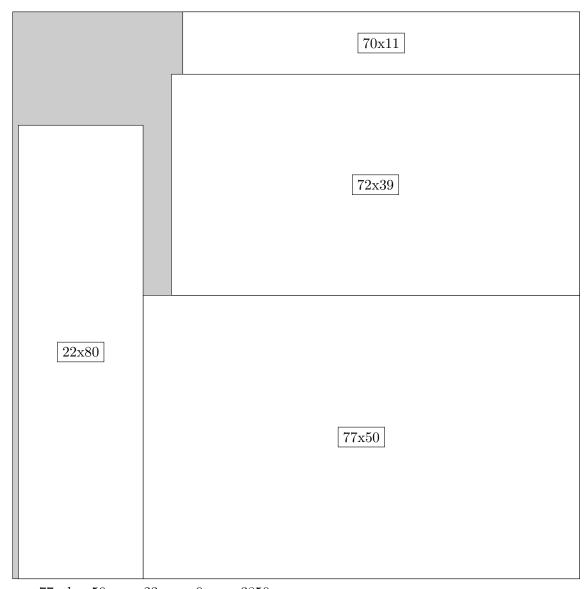
$$\le =81$$
 , h =23 , x =19 , y =37 , v =1863

$$\le =70$$
 , h =3 , x =30 , y =60 , v =210

$$\mathbf{w}$$
 =66 , h =37 , x =34 , y =63 , v =2442



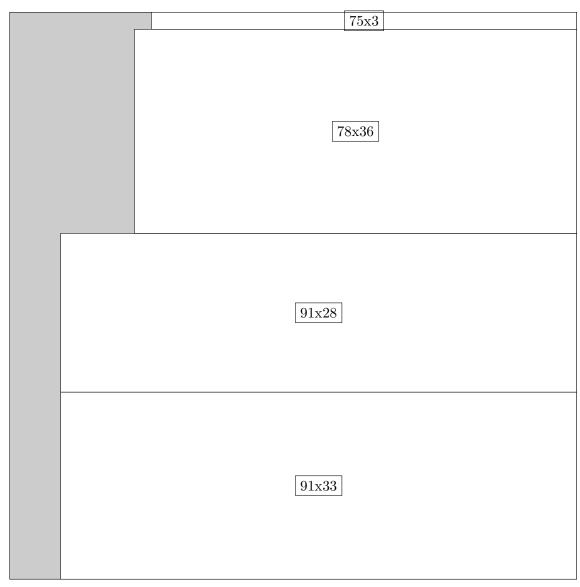
$$\begin{array}{l} w = 99 \ , \ h = \!\! 50 \ , \ x = \!\! 1 \ , \ y = \!\! 0 \ , \ v = \!\! 4950 \\ w = \!\! 73 \ , \ h = \!\! 50 \ , \ x = \!\! 27 \ , \ y = \!\! 50 \ , \ v = \!\! 3650 \end{array}$$



$$\begin{array}{l} w = \!\!\! 77 \ , \ h = \!\!\! 50 \ , \ x = \!\!\! 23 \ , \ y = \!\!\! 0 \ , \ v = \!\!\! 3850 \\ w = \!\!\! 72 \ , \ h = \!\!\! 39 \ , \ x = \!\!\! 28 \ , \ y = \!\!\! 50 \ , \ v = \!\!\! 2808 \end{array}$$

$$\le =70$$
 , $h=11$, $x=30$, $y=89$, $v=770$

$$w = 22$$
, $h = 80$, $x = 1$, $y = 0$, $v = 1760$

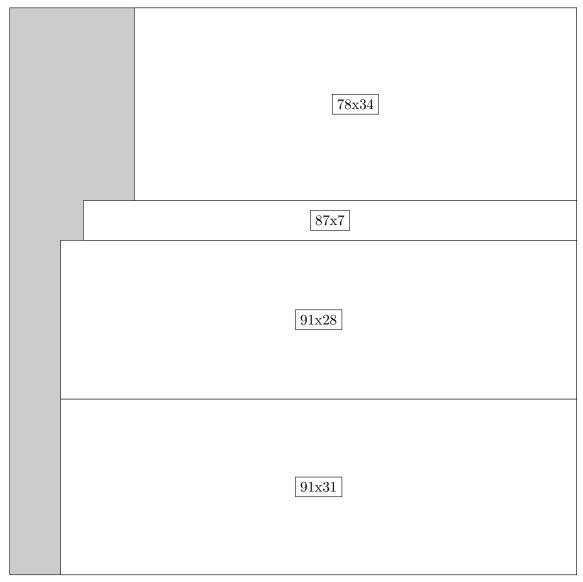


$$\le =91$$
 , h =33 , x =9 , y =0 , v =3003

$$\le =91$$
 , h =28 , x =9 , y =33 , v =2548

$$\le -78$$
 , h =36 , x =22 , y =61 , v =2808

$$w$$
 =75 , h =3 , x =25 , y =97 , v =225

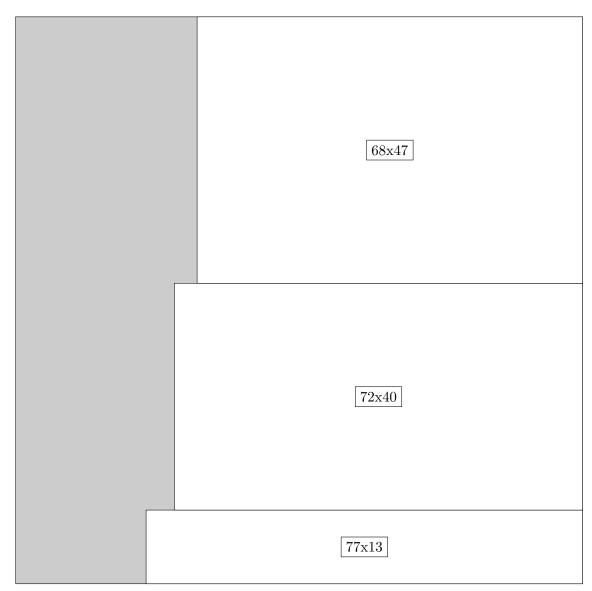


$$\le =91$$
 , h =31 , x =9 , y =0 , v =2821

$$\le =91$$
 , h =28 , x =9 , y =31 , v =2548

$$\le =87$$
 , h =7 , x =13 , y =59 , v =609

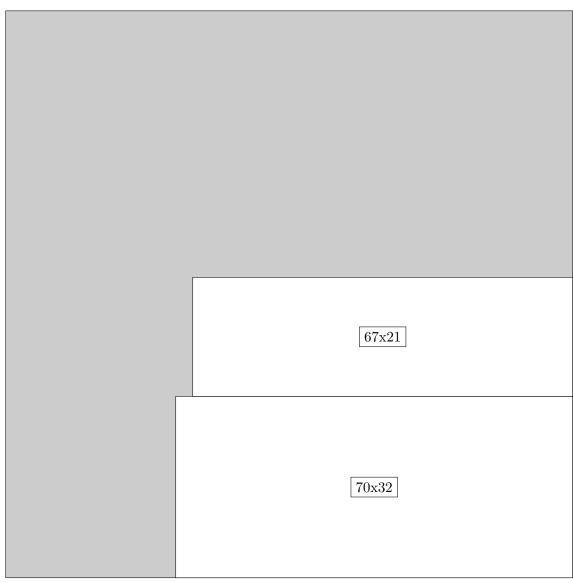
$$\le =78$$
 , h =34 , x =22 , y =66 , v =2652



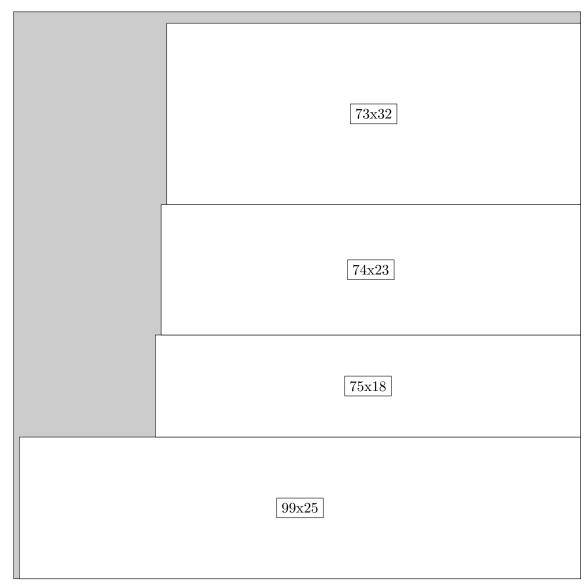
$$\mathbf{w}$$
 =77 , \mathbf{h} =13 , \mathbf{x} =23 , \mathbf{y} =0 , \mathbf{v} =1001

$$\le =72$$
 , h =40 , x =28 , y =13 , v =2880

$$\le =68$$
 , h =47 , x =32 , y =53 , v =3196



$$\begin{array}{l} w = \! 70 \ , \, h = \! 32 \ , \, x = \! 30 \ , \, y = \! 0 \ , \, v = \! 2240 \\ w = \! 67 \ , \, h = \! 21 \ , \, x = \! 33 \ , \, y = \! 32 \ , \, v = \! 1407 \end{array}$$

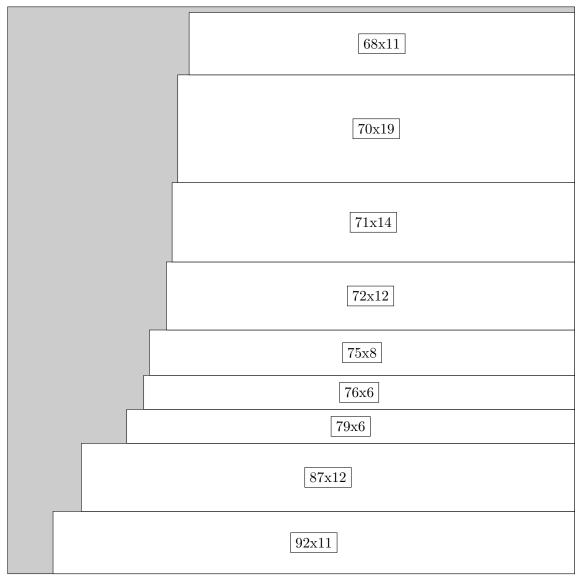


$$w=99$$
 , $h=25$, $x=1$, $y=0$, $v=2475$

$$\le =75$$
 , h =18 , x =25 , y =25 , v =1350

$$\le =74$$
 , h =23 , x =26 , y =43 , v =1702

$$\le -73$$
 , h =32 , x =27 , y =66 , v =2336



```
w = 92, h = 11, x = 8, y = 0, v = 1012
```

$$w$$
 =87 , h =12 , x =13 , y =11 , v =1044

$$w$$
 =79 , h =6 , x =21 , y =23 , v =474

$$w = 76$$
, $h = 6$, $x = 24$, $y = 29$, $v = 456$

$$\le =75$$
 , h =8 , x =25 , y =35 , v =600

$$w$$
 =72 , h =12 , x =28 , y =43 , v =864

$$w = 71$$
, $h = 14$, $x = 29$, $y = 55$, $v = 994$

$$w = 70$$
, $h = 19$, $x = 30$, $y = 69$, $v = 1330$

$$w = 68$$
, $h = 11$, $x = 32$, $y = 88$, $v = 748$