${\bf ClassName:}\ {\bf Class_10.2bp\text{-}28}$

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

TypeNum: <u>60</u> Num: <u>60</u> OutS: <u>90000</u> InS: <u>79106</u> Rate: <u>0.879</u>

UB: **9** LB: **9**

LBWithCut: $\underline{9}$ NodeCount: $\underline{0}$ PrimalNode: $\underline{0}$ ColumnCount: $\underline{60}$ TotalCutCount: $\underline{0}$ RootCutCount: $\underline{0}$ LPSolverCnt: $\underline{52}$ PricingSolverCnt: $\underline{52}$ BranchAndBoundNum: $\underline{1}$

isOpt: false

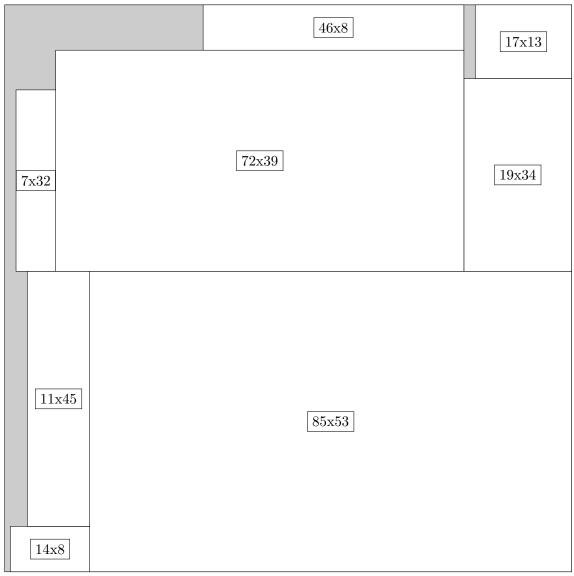
TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{2999.807 \text{ s}}$

TimeOnRmp: $\underline{0.068 \text{ s}}$ TotalTime: $\underline{3000.001 \text{ s}}$

31x14 38x11 99x37 100x48

$$w = 100$$
, $h = 48$, $x = 0$, $y = 0$, $v = 4800$
 $w = 99$, $h = 37$, $x = 1$, $y = 48$, $v = 3663$

$$\begin{array}{c} w = & 31 \ , \ h = & 14 \ , \ x = & 69 \ , \ y = & 85 \ , \ v = & 434 \\ w = & 38 \ , \ h = & 11 \ , \ x = & 31 \ , \ y = & 85 \ , \ v = & 418 \end{array}$$



$$w = 85$$
, $h = 53$, $x = 15$, $y = 0$, $v = 4505$

$$\le =14$$
 , h =8 , x =1 , y =0 , v =112

$$w = 11$$
, $h = 45$, $x = 4$, $y = 8$, $v = 495$

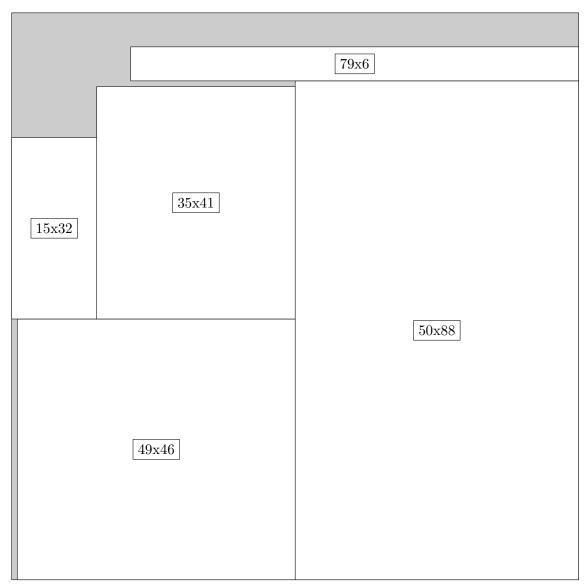
$$w = 19$$
, $h = 34$, $x = 81$, $y = 53$, $v = 646$

$$w=\!17$$
 , $h=\!13$, $x=\!83$, $y=\!87$, $v=\!221$

$$w$$
 =72 , h =39 , x =9 , y =53 , v =2808

$$\le =46$$
 , h =8 , x =35 , y =92 , v =368

$$\le =7$$
 , h =32 , x =2 , y =53 , v =224



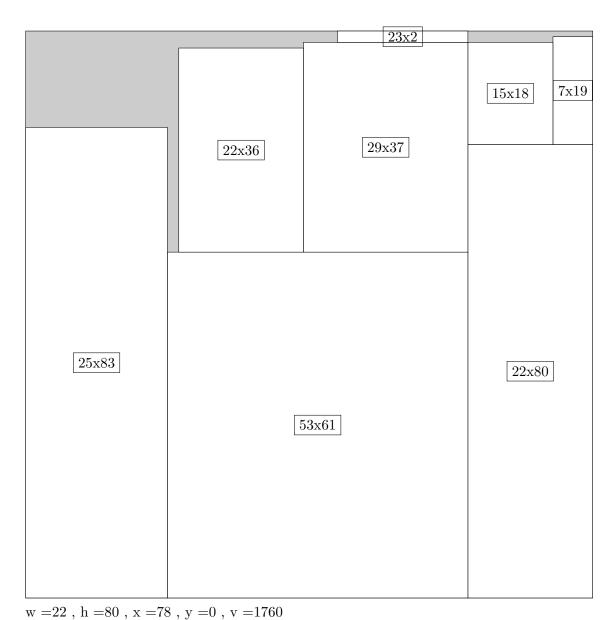
$$w = 50$$
, $h = 88$, $x = 50$, $y = 0$, $v = 4400$

$$\le =49$$
 , h =46 , x =1 , y =0 , v =2254

$$\le =35$$
 , h =41 , x =15 , y =46 , v =1435

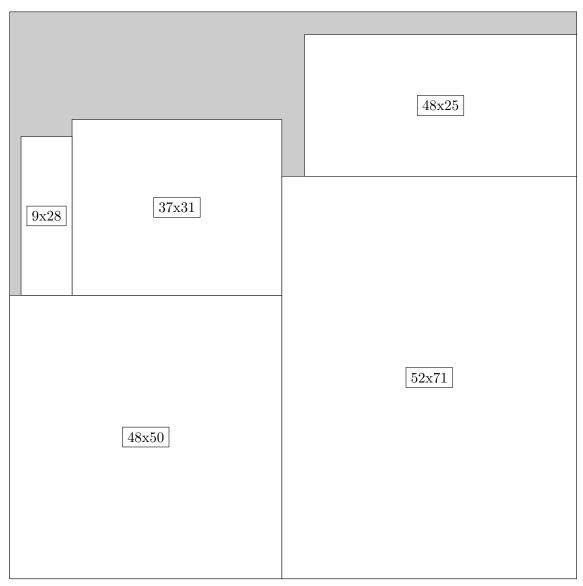
$$\mathbf{w}$$
 =15 , h =32 , x =0 , y =46 , v =480

$$w = 79$$
, $h = 6$, $x = 21$, $y = 88$, $v = 474$



$$\begin{array}{l} w=7\ ,\ h=19\ ,\ x=93\ ,\ y=80\ ,\ v=133\\ w=15\ ,\ h=18\ ,\ x=78\ ,\ y=80\ ,\ v=270\\ w=53\ ,\ h=61\ ,\ x=25\ ,\ y=0\ ,\ v=3233\\ w=29\ ,\ h=37\ ,\ x=49\ ,\ y=61\ ,\ v=1073\\ w=23\ ,\ h=2\ ,\ x=55\ ,\ y=98\ ,\ v=46\\ w=22\ ,\ h=36\ ,\ x=27\ ,\ y=61\ ,\ v=792 \end{array}$$

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



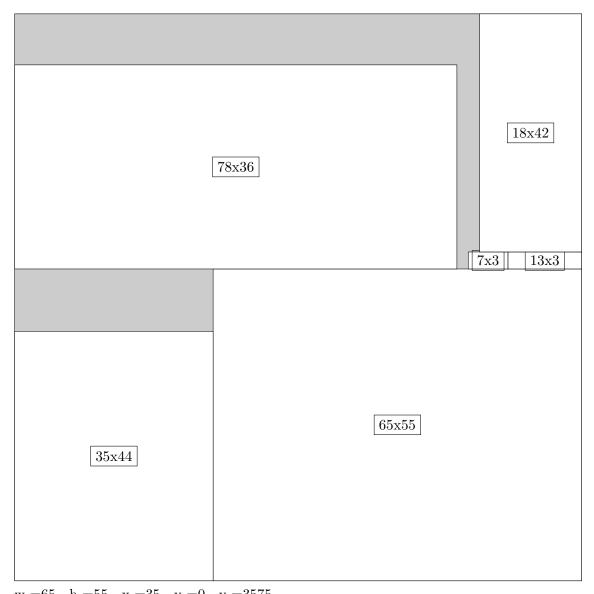
$$w = 52$$
, $h = 71$, $x = 48$, $y = 0$, $v = 3692$

$$\le =48$$
 , h =25 , x =52 , y =71 , v =1200

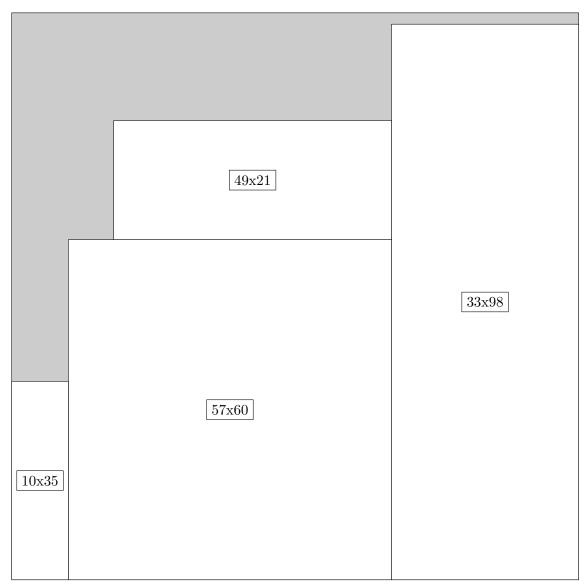
$$\le =48$$
 , $h=50$, $x=0$, $y=0$, $v=2400$

$$\le =37$$
 , h =31 , x =11 , y =50 , v =1147

$$w = 9$$
, $h = 28$, $x = 2$, $y = 50$, $v = 252$



w =78 , h =36 , x =0 , y =55 , v =2808

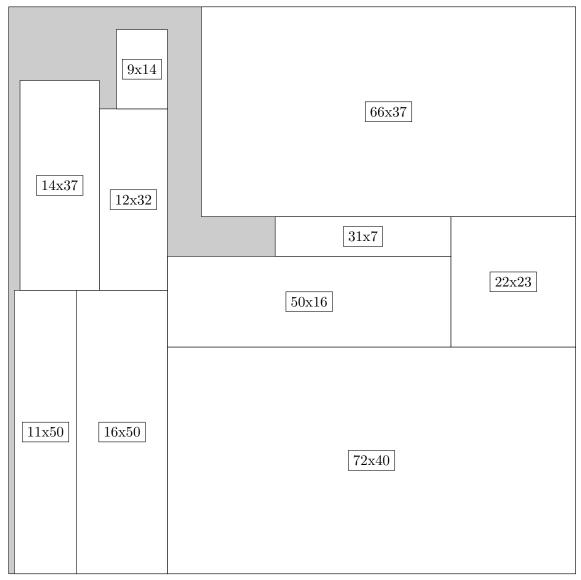


$$w = 33$$
 , $h = 98$, $x = 67$, $y = 0$, $v = 3234$

$$w$$
 =57 , h =60 , x =10 , y =0 , v =3420

$$\le =49$$
 , h =21 , x =18 , y =60 , v =1029

$$\mathbf{w}$$
 =10 , h =35 , x =0 , y =0 , v =350



$$w = 72$$
, $h = 40$, $x = 28$, $y = 0$, $v = 2880$

$$w = 22$$
, $h = 23$, $x = 78$, $y = 40$, $v = 506$

$$w = 50$$
, $h = 16$, $x = 28$, $y = 40$, $v = 800$

$$w$$
 =31 , h =7 , x =47 , y =56 , v =217

$$w = 66$$
, $h = 37$, $x = 34$, $y = 63$, $v = 2442$

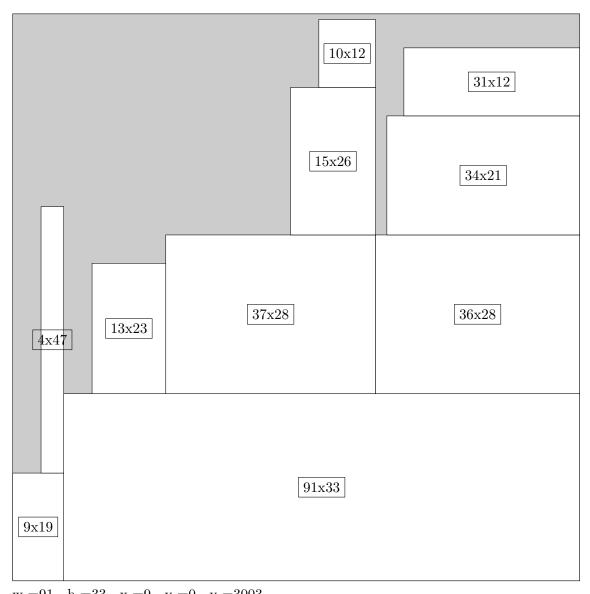
$$\le =16$$
 , $h=\! 50$, $x=\! 12$, $y=\! 0$, $v=\! 800$

$$w = 11$$
, $h = 50$, $x = 1$, $y = 0$, $v = 550$

$$w = 12$$
, $h = 32$, $x = 16$, $y = 50$, $v = 384$

$$w = 9$$
, $h = 14$, $x = 19$, $y = 82$, $v = 126$

$$w = 14$$
, $h = 37$, $x = 2$, $y = 50$, $v = 518$



$$\begin{array}{l} w = & 91 \; , \; h = & 33 \; , \; x = 9 \; , \; y = 0 \; , \; v = & 3003 \\ w = & 36 \; , \; h = & 28 \; , \; x = & 64 \; , \; y = & 33 \; , \; v = & 1008 \\ w = & 34 \; , \; h = & 21 \; , \; x = & 66 \; , \; y = & 61 \; , \; v = & 714 \\ w = & 31 \; , \; h = & 12 \; , \; x = & 69 \; , \; y = & 82 \; , \; v = & 372 \\ w = & 37 \; , \; h = & 28 \; , \; x = & 27 \; , \; y = & 33 \; , \; v = & 1036 \\ w = & 13 \; , \; h = & 28 \; , \; x = & 14 \; , \; y = & 33 \; , \; v = & 299 \\ w = & 15 \; , \; h = & 26 \; , \; x = & 49 \; , \; y = & 61 \; , \; v = & 390 \\ w = & 10 \; , \; h = & 12 \; , \; x = & 54 \; , \; y = & 87 \; , \; v = & 120 \\ w = & 9 \; , \; h = & 19 \; , \; x = & 0 \; , \; y = & 0 \; , \; v = & 171 \\ w = & 4 \; , \; h = & 47 \; , \; x = & 5 \; , \; y = & 19 \; , \; v = & 188 \\ \end{array}$$