$ClassName: \ Class_04.2bp-42$

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

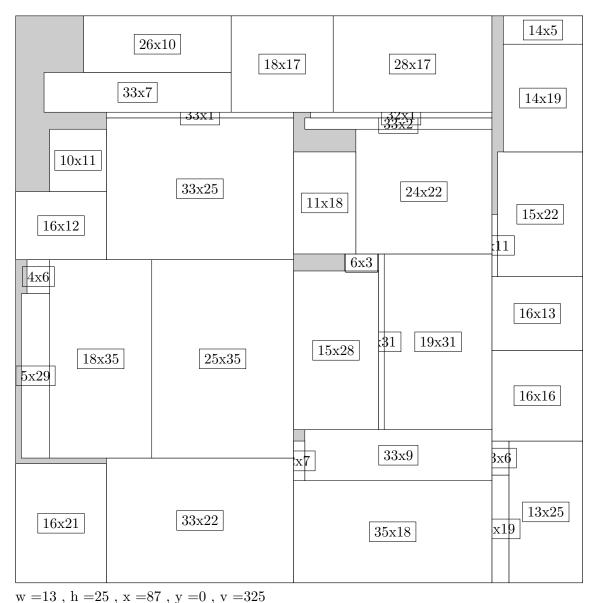
TypeNum: $\underline{97}$ Num: $\underline{100}$ OutS: $\underline{30000}$ InS: $\underline{28224}$ Rate: $\underline{0.941}$

UB: <u>3</u> LB: <u>3</u>

LBWithCut: $\underline{\mathbf{3}}$ NodeCount: $\underline{\mathbf{0}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{3}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: **true**

TimeOnPrimal: $\underline{0.000 \text{ s}}$ TimeOnPricing: $\underline{0.000 \text{ s}}$ TimeOnRmp: $\underline{0.063 \text{ s}}$ TotalTime: $\underline{0.203 \text{ s}}$



```
w = 13, h = 23, x = 81, y = 0, v = 523

w = 3, h = 19, x = 84, y = 19, v = 18

w = 16, h = 16, x = 84, y = 25, v = 256

w = 16, h = 13, x = 84, y = 41, v = 208

w = 15, h = 22, x = 85, y = 54, v = 330

w = 1, h = 11, x = 84, y = 54, v = 11

w = 14, h = 19, x = 86, y = 76, v = 266

w = 14, h = 5, x = 86, y = 95, v = 70

w = 35, h = 18, x = 49, y = 0, v = 630

w = 33, h = 9, x = 51, y = 18, v = 297

w = 2, h = 7, x = 49, y = 18, v = 14

w = 19, h = 31, x = 65, y = 27, v = 589

w = 1, h = 28, x = 49, y = 27, v = 420

w = 6, h = 3, x = 58, y = 55, v = 18
```

```
w = 24, h = 22, x = 60, y = 58, v = 528
```

$$w = 11$$
, $h = 18$, $x = 49$, $y = 58$, $v = 198$

$$w = 33$$
, $h = 2$, $x = 51$, $y = 80$, $v = 66$

$$\le =32$$
 , $h=1$, $x=52$, $y=82$, $v=32$

$$w = 33$$
, $h = 22$, $x = 16$, $y = 0$, $v = 726$

$$w = 16$$
, $h = 21$, $x = 0$, $y = 0$, $v = 336$

$$w = 25$$
, $h = 35$, $x = 24$, $y = 22$, $v = 875$

$$\le =18$$
 , h =35 , x =6 , y =22 , v =630

$$w = 5$$
, $h = 29$, $x = 1$, $y = 22$, $v = 145$

$$w = 4$$
, $h = 6$, $x = 2$, $y = 51$, $v = 24$

$$w = 33$$
, $h = 25$, $x = 16$, $y = 57$, $v = 825$

$$w=\!33$$
 , $h=\!1$, $x=\!16$, $y=\!82$, $v=\!33$

$$w = 16$$
, $h = 12$, $x = 0$, $y = 57$, $v = 192$

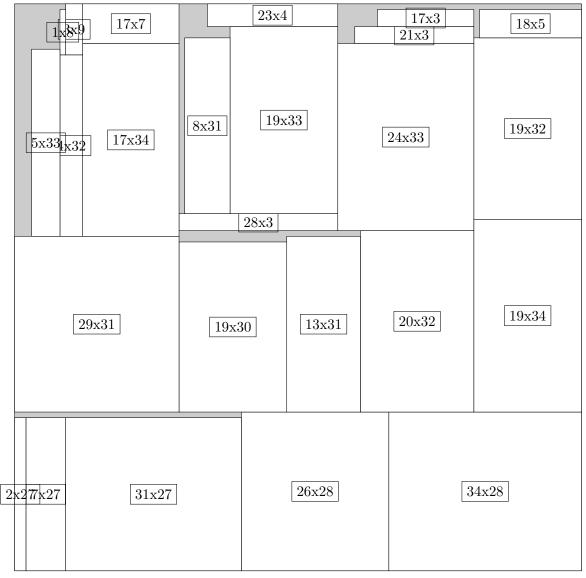
$$w = 10$$
, $h = 11$, $x = 6$, $y = 69$, $v = 110$

$$w = 28$$
, $h = 17$, $x = 56$, $y = 83$, $v = 476$

$$w=\!18$$
 , $h=\!17$, $x=\!38$, $y=\!83$, $v=\!306$

$$w = 33$$
, $h = 7$, $x = 5$, $y = 83$, $v = 231$

$$w = 26$$
, $h = 10$, $x = 12$, $y = 90$, $v = 260$



$$w = 34$$
, $h = 28$, $x = 66$, $y = 0$, $v = 952$

$$w = 26$$
, $h = 28$, $x = 40$, $y = 0$, $v = 728$

$$w = 31$$
, $h = 27$, $x = 9$, $y = 0$, $v = 837$

$$w = 7$$
, $h = 27$, $x = 2$, $y = 0$, $v = 189$

$$w = 2$$
, $h = 27$, $x = 0$, $y = 0$, $v = 54$

$$w = 19$$
, $h = 34$, $x = 81$, $y = 28$, $v = 646$

$$w = 19$$
, $h = 32$, $x = 81$, $y = 62$, $v = 608$

$$w = 18$$
, $h = 5$, $x = 82$, $y = 94$, $v = 90$

$$w = 20$$
, $h = 32$, $x = 61$, $y = 28$, $v = 640$

$$w = 13$$
, $h = 31$, $x = 48$, $y = 28$, $v = 403$

$$w = 19$$
, $h = 30$, $x = 29$, $y = 28$, $v = 570$

$$w = 24$$
, $h = 33$, $x = 57$, $y = 60$, $v = 792$

$$w = 21$$
, $h = 3$, $x = 60$, $y = 93$, $v = 63$

$$w = 17$$
, $h = 3$, $x = 64$, $y = 96$, $v = 51$

$$w = 28$$
, $h = 3$, $x = 29$, $y = 60$, $v = 84$

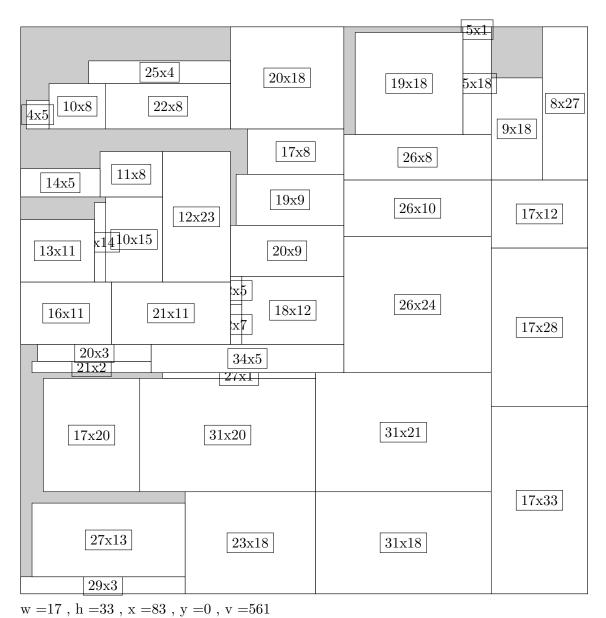
$$w = 19$$
, $h = 33$, $x = 38$, $y = 63$, $v = 627$

 $\begin{array}{l} w=8 \;,\; h=31 \;,\; x=30 \;,\; y=63 \;,\; v=248 \\ w=23 \;,\; h=4 \;,\; x=34 \;,\; y=96 \;,\; v=92 \\ w=29 \;,\; h=31 \;,\; x=0 \;,\; y=28 \;,\; v=899 \\ w=17 \;,\; h=34 \;,\; x=12 \;,\; y=59 \;,\; v=578 \\ w=17 \;,\; h=7 \;,\; x=12 \;,\; y=93 \;,\; v=119 \\ w=4 \;,\; h=32 \;,\; x=8 \;,\; y=59 \;,\; v=128 \end{array}$

w =3 , h =9 , x =9 , y =91 , v =27

 \mathbf{w} =1 , h =8 , x =8 , y =91 , v =8

 $w=\!5$, $h=\!33$, $x=\!3$, $y=\!59$, $v=\!165$



$$\begin{array}{l} w=&17 \;,\; h=&28 \;,\; x=&83 \;,\; y=&33 \;,\; v=&476 \\ w=&17 \;,\; h=&12 \;,\; x=&83 \;,\; y=&61 \;,\; v=&204 \\ w=&8 \;,\; h=&27 \;,\; x=&92 \;,\; y=&73 \;,\; v=&216 \\ w=&9 \;,\; h=&18 \;,\; x=&83 \;,\; y=&73 \;,\; v=&162 \\ w=&31 \;,\; h=&18 \;,\; x=&52 \;,\; y=&0 \;,\; v=&558 \\ w=&23 \;,\; h=&18 \;,\; x=&29 \;,\; y=&0 \;,\; v=&414 \\ w=&29 \;,\; h=&3 \;,\; x=&0 \;,\; y=&0 \;,\; v=&87 \\ w=&27 \;,\; h=&13 \;,\; x=&2 \;,\; y=&3 \;,\; v=&351 \\ w=&31 \;,\; h=&21 \;,\; x=&52 \;,\; y=&18 \;,\; v=&651 \\ w=&31 \;,\; h=&20 \;,\; x=&21 \;,\; y=&18 \;,\; v=&620 \\ w=&27 \;,\; h=&1 \;,\; x=&25 \;,\; y=&38 \;,\; v=&27 \\ w=&17 \;,\; h=&20 \;,\; x=&4 \;,\; y=&18 \;,\; v=&340 \\ w=&26 \;,\; h=&24 \;,\; x=&57 \;,\; y=&39 \;,\; v=&624 \\ w=&26 \;,\; h=&10 \;,\; x=&57 \;,\; y=&63 \;,\; v=&260 \end{array}$$

w = 26, h = 8, x = 57, y = 73, v = 208

```
w = 5, h = 18, x = 78, y = 81, v = 90

w = 5, h = 1, x = 78, y = 99, v = 5
```

$$w = 19$$
, $h = 18$, $x = 59$, $y = 81$, $v = 342$

$$w = 34$$
, $h = 5$, $x = 23$, $y = 39$, $v = 170$

$$w = 21$$
, $h = 2$, $x = 2$, $y = 39$, $v = 42$

$$w = 20$$
, $h = 3$, $x = 3$, $y = 41$, $v = 60$

$$w = 18$$
, $h = 12$, $x = 39$, $y = 44$, $v = 216$

$$w = 2$$
, $h = 7$, $x = 37$, $y = 44$, $v = 14$

$$w = 2$$
, $h = 5$, $x = 37$, $y = 51$, $v = 10$

$$w = 20$$
, $h = 9$, $x = 37$, $y = 56$, $v = 180$

$$w = 19$$
, $h = 9$, $x = 38$, $y = 65$, $v = 171$

$$w = 17$$
, $h = 8$, $x = 40$, $y = 74$, $v = 136$

$$w = 21$$
, $h = 11$, $x = 16$, $y = 44$, $v = 231$

$$w = 16$$
, $h = 11$, $x = 0$, $y = 44$, $v = 176$

$$w = 12$$
, $h = 23$, $x = 25$, $y = 55$, $v = 276$

$$w = 10$$
, $h = 15$, $x = 15$, $y = 55$, $v = 150$

$$w = 2$$
, $h = 14$, $x = 13$, $y = 55$, $v = 28$

$$w = 13$$
, $h = 11$, $x = 0$, $y = 55$, $v = 143$

$$w = 11$$
, $h = 8$, $x = 14$, $y = 70$, $v = 88$

$$w = 14$$
, $h = 5$, $x = 0$, $y = 70$, $v = 70$

$$w = 20$$
, $h = 18$, $x = 37$, $y = 82$, $v = 360$

$$w = 22$$
, $h = 8$, $x = 15$, $y = 82$, $v = 176$

$$w=\!10$$
 , $h=\!8$, $x=\!5$, $y=\!82$, $v=\!80$

$$w = 4$$
, $h = 5$, $x = 1$, $y = 82$, $v = 20$

$$w = 25$$
, $h = 4$, $x = 12$, $y = 90$, $v = 100$