$ClassName: \ Class_02.2bp-33$

 $\begin{array}{ccc} \text{BinSize: } \underline{30} & \overline{\times} & \underline{30} \\ \text{ReduceSize: } \underline{30} & \times & \underline{30} \end{array}$

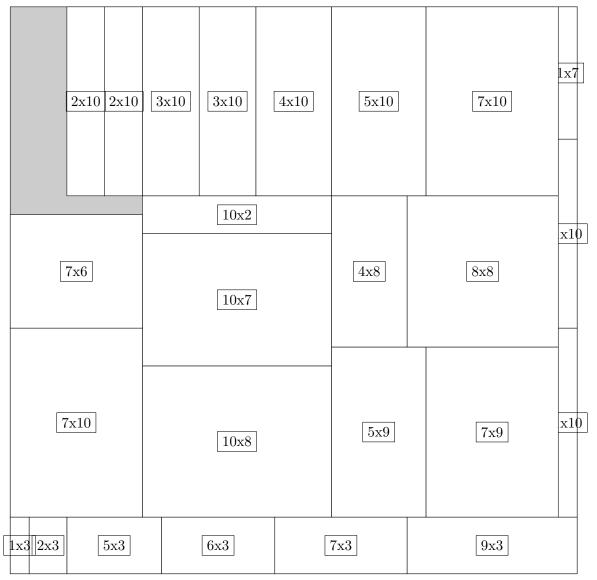
TypeNum: $\underline{58}$ Num: $\underline{80}$ OutS: $\underline{2700}$ InS: $\underline{2438}$ Rate: $\underline{0.903}$

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

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



$$w = 9$$
, $h = 3$, $x = 21$, $y = 0$, $v = 27$

$$w = 7$$
, $h = 3$, $x = 14$, $y = 0$, $v = 21$

$$w = 6$$
, $h = 3$, $x = 8$, $y = 0$, $v = 18$

$$w = 5$$
, $h = 3$, $x = 3$, $y = 0$, $v = 15$

$$w = 2$$
, $h = 3$, $x = 1$, $y = 0$, $v = 6$

$$w = 1$$
, $h = 3$, $x = 0$, $y = 0$, $v = 3$

$$w = 1$$
, $h = 10$, $x = 29$, $y = 3$, $v = 10$

$$w = 1$$
, $h = 10$, $x = 29$, $y = 13$, $v = 10$

$$w = 1$$
, $h = 7$, $x = 29$, $y = 23$, $v = 7$

$$w = 7$$
, $h = 9$, $x = 22$, $y = 3$, $v = 63$

$$w = 5$$
, $h = 9$, $x = 17$, $y = 3$, $v = 45$

$$w = 8$$
, $h = 8$, $x = 21$, $y = 12$, $v = 64$

$$\mathbf{w}$$
 =4 , h =8 , x =17 , y =12 , v =32

$$w = 10$$
, $h = 8$, $x = 7$, $y = 3$, $v = 80$

$$w = 10$$
, $h = 7$, $x = 7$, $y = 11$, $v = 70$

$$w = 10$$
, $h = 2$, $x = 7$, $y = 18$, $v = 20$

$$w$$
 =7 , h =10 , x =0 , y =3 , v =70

$$w = 7$$
, $h = 6$, $x = 0$, $y = 13$, $v = 42$

$$\mathbf{w}$$
 =7 , h =10 , x =22 , y =20 , v =70

$$\le 5$$
 , h =10 , x =17 , y =20 , v =50

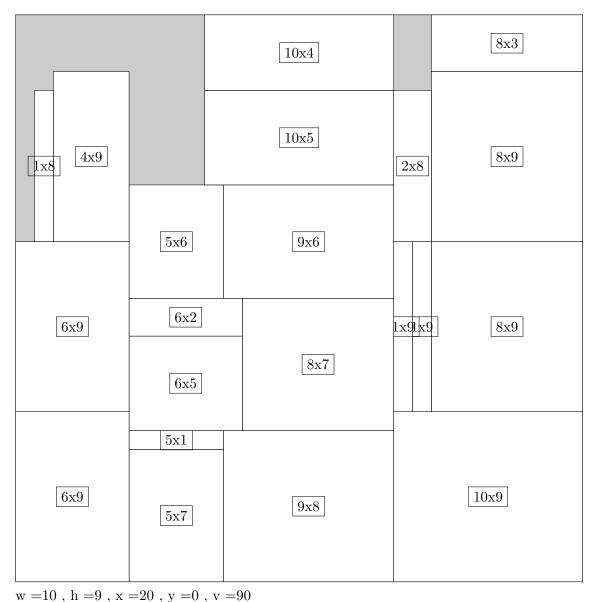
$$w=\!4$$
 , $h=\!10$, $x=\!13$, $y=\!20$, $v=\!40$

$$\le =3$$
 , h =10 , x =10 , y =20 , v =30

$$w = 3$$
, $h = 10$, $x = 7$, $y = 20$, $v = 30$

$$w=2$$
 , $h=\!10$, $x=\!5$, $y=\!20$, $v=\!20$

$$w = 2$$
, $h = 10$, $x = 3$, $y = 20$, $v = 20$



```
w = 8, h = 9, x = 22, y = 9, v = 72

w = 1, h = 9, x = 21, y = 9, v = 9

w = 1, h = 9, x = 20, y = 9, v = 9

w = 8, h = 9, x = 22, y = 18, v = 72

w = 2, h = 8, x = 20, y = 18, v = 16

w = 8, h = 3, x = 22, y = 27, v = 24

w = 9, h = 8, x = 11, y = 0, v = 72

w = 5, h = 7, x = 6, y = 0, v = 35

w = 5, h = 1, x = 6, y = 7, v = 5

w = 8, h = 7, x = 12, y = 8, v = 56

w = 6, h = 5, x = 6, y = 13, v = 12

w = 9, h = 6, x = 11, y = 15, v = 54

w = 5, h = 6, x = 6, y = 15, v = 30

w = 10, h = 5, x = 10, y = 21, v = 50
```

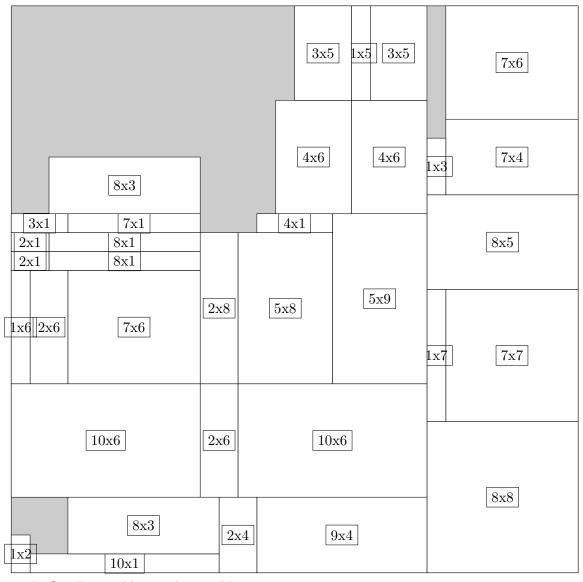
 $\le =10$, h =4 , x =10 , y =26 , v =40

 \mathbf{w} =6 , h =9 , x =0 , y =0 , v = 54

 \mathbf{w} =6 , h =9 , x =0 , y =9 , v = 54

 \mathbf{w} =4 , h =9 , x =2 , y =18 , v =36

 \mathbf{w} =1 , h =8 , x =1 , y =18 , v =8



$$w = 8$$
, $h = 8$, $x = 22$, $y = 0$, $v = 64$

$$w$$
 =7 , h =7 , x =23 , y =8 , v =49

$$w = 1$$
, $h = 7$, $x = 22$, $y = 8$, $v = 7$

$$w = 8$$
, $h = 5$, $x = 22$, $y = 15$, $v = 40$

$$w = 7$$
, $h = 4$, $x = 23$, $y = 20$, $v = 28$

$$\mathbf{w}$$
 =1 , h =3 , x =22 , y =20 , v =3

$$w = 7$$
, $h = 6$, $x = 23$, $y = 24$, $v = 42$

$$w = 9$$
, $h = 4$, $x = 13$, $y = 0$, $v = 36$

$$w = 2$$
, $h = 4$, $x = 11$, $y = 0$, $v = 8$

$$w = 10$$
, $h = 1$, $x = 1$, $y = 0$, $v = 10$

$$w = 8$$
, $h = 3$, $x = 3$, $y = 1$, $v = 24$

$$w = 1$$
, $h = 2$, $x = 0$, $y = 0$, $v = 2$

$$\le =10$$
 , h =6 , x =12 , y =4 , v =60

$$w = 2$$
, $h = 6$, $x = 10$, $y = 4$, $v = 12$

$$w = 5$$
, $h = 9$, $x = 17$, $y = 10$, $v = 45$

$$w = 5$$
, $h = 8$, $x = 12$, $y = 10$, $v = 40$

```
w = 4, h = 1, x = 13, y = 18, v = 4
w = 2, h = 8, x = 10, y = 10, v = 16
w = 4, h = 6, x = 18, y = 19, v = 24
w = 3, h = 5, x = 19, y = 25, v = 15
w = 1, h = 5, x = 18, y = 25, v = 5
w = 4, h = 6, x = 14, y = 19, v = 24
w = 3, h = 5, x = 15, y = 25, v = 15
\mathbf{w} =10 , h =6 , x =0 , y =4 , v =60
w = 7, h = 6, x = 3, y = 10, v = 42
w = 2, h = 6, x = 1, y = 10, v = 12
w = 1, h = 6, x = 0, y = 10, v = 6
w = 8, h = 1, x = 2, y = 16, v = 8
w = 2, h = 1, x = 0, y = 16, v = 2
w = 8, h = 1, x = 2, y = 17, v = 8
w = 2, h = 1, x = 0, y = 17, v = 2
w = 7, h = 1, x = 3, y = 18, v = 7
w = 3, h = 1, x = 0, y = 18, v = 3
w = 8, h = 3, x = 2, y = 19, v = 24
```