$ClassName: \ Class_02.2bp-19$

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

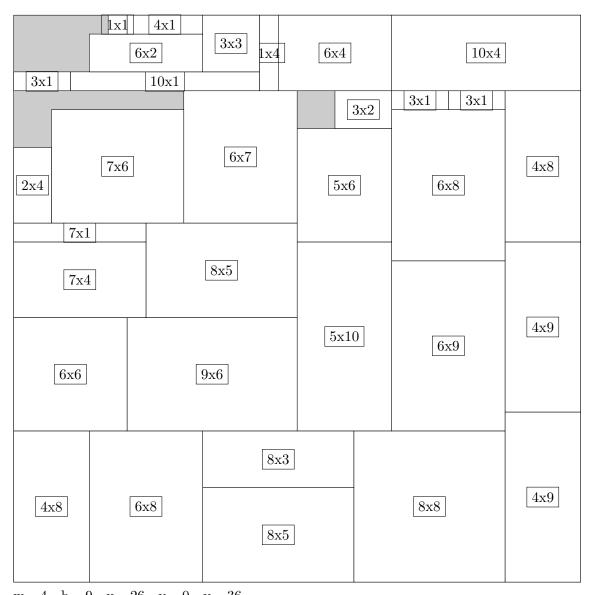
TypeNum: $\underline{30}$ Num: $\underline{40}$ OutS: $\underline{1800}$ InS: $\underline{1026}$ Rate: $\underline{0.570}$

UB: <u>2</u> LB: <u>2</u>

LBWithCut: $\underline{\mathbf{2}}$ NodeCount: $\underline{\mathbf{0}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{2}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: **true**

 $\begin{array}{ll} \text{TimeOnPrimal: } \underline{0.000 \text{ s}} \\ \text{TimeOnPricing: } \underline{0.000 \text{ s}} \\ \text{TimeOnRmp: } \underline{0.058 \text{ s}} \\ \text{TotalTime: } \underline{0.199 \text{ s}} \end{array}$



$$w = 4$$
, $h = 9$, $x = 26$, $y = 9$, $v = 36$

$$\le =4$$
 , h =
8 , x =
26 , y =
18 , v =
32

$$w$$
 =8 , h =8 , x =18 , y =0 , v =64

$$w = 8$$
, $h = 5$, $x = 10$, $y = 0$, $v = 40$

$$w = 8$$
, $h = 3$, $x = 10$, $y = 5$, $v = 24$

$$\mathbf{w}$$
 =6 , h =8 , x =4 , y =0 , v =48

$$w = 6$$
, $h = 8$, $x = 20$, $y = 17$, $v = 48$

$$\begin{array}{l} w = 3 \ , \ h = 1 \ , \ x = 23 \ , \ y = 25 \ , \ v = 3 \\ w = 3 \ , \ h = 1 \ , \ x = 20 \ , \ y = 25 \ , \ v = 3 \end{array}$$

$$w = 5$$
, $h = 10$, $x = 20$, $y = 25$, $v = 5$
 $w = 5$, $h = 10$, $x = 15$, $y = 8$, $v = 50$

$$w = 5$$
, $h = 10$, $x = 15$, $y = 8$, $v = 30$
 $w = 5$, $h = 6$, $x = 15$, $y = 18$, $v = 30$

$$w = 3$$
, $h = 2$, $x = 17$, $y = 24$, $v = 6$

$$w=9$$
 , $h=6$, $x=6$, $y=8$, $v=\!54$

```
\mathbf{w} =6 , h =6 , x =0 , y =8 , v =36
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$$w = 8$$
, $h = 5$, $x = 7$, $y = 14$, $v = 40$

$$w = 7$$
, $h = 4$, $x = 0$, $y = 14$, $v = 28$

$$w = 7$$
, $h = 1$, $x = 0$, $y = 18$, $v = 7$

$$w = 6$$
, $h = 7$, $x = 9$, $y = 19$, $v = 42$

$$w = 7$$
, $h = 6$, $x = 2$, $y = 19$, $v = 42$

$$w = 2$$
, $h = 4$, $x = 0$, $y = 19$, $v = 8$

$$\mathbf{w}$$
 =10 , h =4 , x =20 , y =26 , v =40

$$w = 6$$
, $h = 4$, $x = 14$, $y = 26$, $v = 24$

$$w=1$$
 , $h=\!\!4$, $x=\!\!13$, $y=\!\!26$, $v=\!\!4$

$$w = 10$$
, $h = 1$, $x = 3$, $y = 26$, $v = 10$

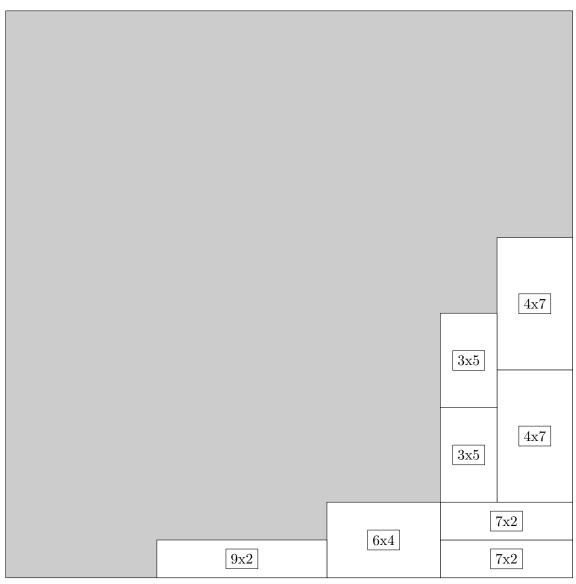
$$w$$
 =3 , h =3 , x =10 , y =27 , v =9

$$\mathbf{w}=\!6$$
 , $\mathbf{h}=\!2$, $\mathbf{x}=\!\!4$, $\mathbf{y}=\!\!27$, $\mathbf{v}=\!\!12$

$$w = 4$$
, $h = 1$, $x = 6$, $y = 29$, $v = 4$

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

$$\mathbf{w}$$
 =3 , h =1 , x =0 , y =26 , v =3



$$w = 7$$
, $h = 2$, $x = 23$, $y = 0$, $v = 14$

$$w=7$$
 , $h=2$, $x=\!23$, $y=\!2$, $v=\!14$

$$\mathbf{w}$$
 =6 , h =4 , x =17 , y =0 , v =24

$$\mathbf{w}$$
 =9 , h =2 , x =8 , y =0 , v =18

$$\mathbf{w}$$
 =4 , h =7 , x =26 , y =4 , v =28

$$w = 4$$
, $h = 7$, $x = 26$, $y = 11$, $v = 28$

$$\mathbf{w}$$
 =3 , h =5 , x =23 , y =4 , v =15

$$\le =3$$
 , $\le =5$, $\le =23$, y =9 , v =15