${\bf ClassName:}~{\bf Class_02.2bp\text{-}11}$

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

TypeNum: $\underline{36}$ Num: $\underline{40}$ OutS: $\underline{1800}$ InS: $\underline{1070}$ Rate: $\underline{0.594}$

UB: **2** LB0: **2** LB: **2**

LBWithCut: $\underline{\mathbf{2}}$ NodeCut: $\underline{\mathbf{0}}$

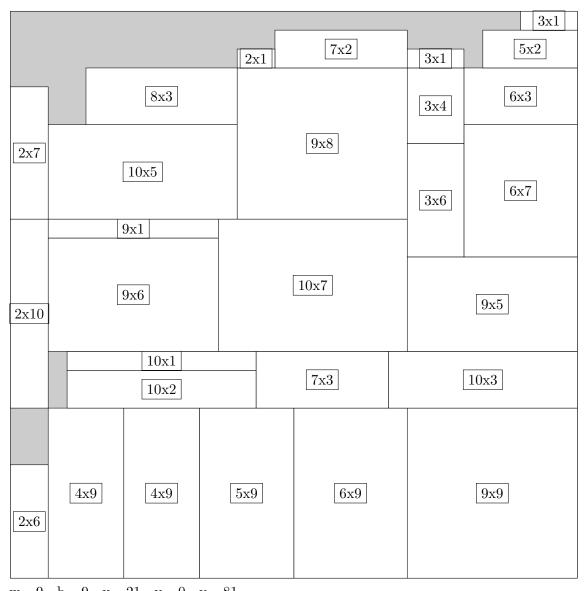
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ 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**

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.343 s



$$w = 6$$
, $h = 9$, $x = 15$, $y = 0$, $v = 54$

$$w = 2$$
, $h = 6$, $x = 0$, $y = 0$, $v = 12$

$$w = 10$$
, $h = 3$, $x = 20$, $y = 9$, $v = 30$

$$w$$
 =7 , h =3 , x =13 , y =9 , v =21

$$w = 10$$
, $h = 2$, $x = 3$, $y = 9$, $v = 20$

$$\mathbf{w}$$
 =10 , h =1 , x =3 , y =11 , v =10

$$\le =9$$
 , h =
5 , x =
21 , y =
12 , v =
45

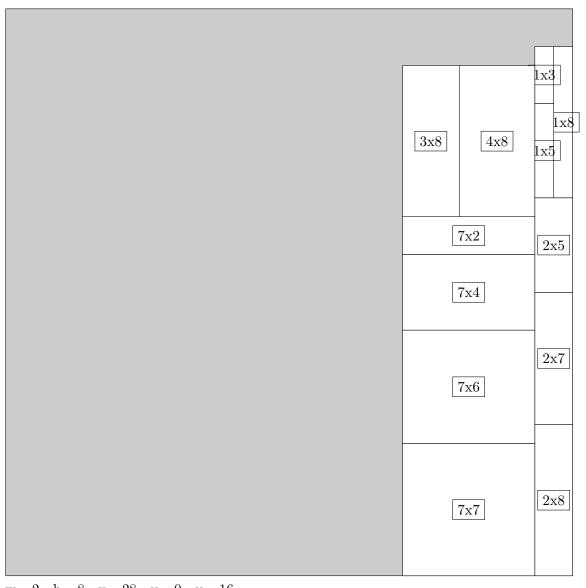
$$w = 6$$
, $h = 7$, $x = 24$, $y = 17$, $v = 42$

$$\mathbf{w}$$
 =6 , h =3 , x =24 , y =24 , v =18

$$w$$
 =5 , h =2 , x =25 , y =27 , v =10

$$\begin{array}{l} w = \! 3 \ , \ h = \! 6 \ , \ x = \! 21 \ , \ y = \! 17 \ , \ v = \! 18 \\ w = \! 3 \ , \ h = \! 4 \ , \ x = \! 21 \ , \ y = \! 23 \ , \ v = \! 12 \end{array}$$

 $\begin{array}{l} w=3\;,\;h=1\;,\;x=21\;,\;y=27\;,\;v=3\\ w=10\;,\;h=7\;,\;x=11\;,\;y=12\;,\;v=70\\ w=9\;,\;h=6\;,\;x=2\;,\;y=12\;,\;v=54\\ w=9\;,\;h=1\;,\;x=2\;,\;y=18\;,\;v=9\\ w=9\;,\;h=8\;,\;x=12\;,\;y=19\;,\;v=72\\ w=7\;,\;h=2\;,\;x=14\;,\;y=27\;,\;v=14\\ w=2\;,\;h=1\;,\;x=12\;,\;y=27\;,\;v=2\\ w=10\;,\;h=5\;,\;x=2\;,\;y=19\;,\;v=50\\ w=8\;,\;h=3\;,\;x=4\;,\;y=24\;,\;v=24\\ w=2\;,\;h=10\;,\;x=0\;,\;y=9\;,\;v=20\\ w=2\;,\;h=7\;,\;x=0\;,\;y=19\;,\;v=14\\ w=3\;,\;h=1\;,\;x=27\;,\;y=29\;,\;v=3\\ \end{array}$



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\begin{array}{l} w=2\ ,\, h=8\ ,\, x=28\ ,\, y=0\ ,\, v=16\\ w=2\ ,\, h=7\ ,\, x=28\ ,\, y=8\ ,\, v=14\\ w=2\ ,\, h=5\ ,\, x=28\ ,\, y=15\ ,\, v=10\\ w=1\ ,\, h=8\ ,\, x=29\ ,\, y=20\ ,\, v=8\\ w=1\ ,\, h=5\ ,\, x=28\ ,\, y=20\ ,\, v=5\\ w=1\ ,\, h=5\ ,\, x=28\ ,\, y=25\ ,\, v=3\\ w=7\ ,\, h=7\ ,\, x=21\ ,\, y=0\ ,\, v=49\\ w=7\ ,\, h=6\ ,\, x=21\ ,\, y=7\ ,\, v=42\\ w=7\ ,\, h=4\ ,\, x=21\ ,\, y=13\ ,\, v=28\\ w=7\ ,\, h=2\ ,\, x=21\ ,\, y=17\ ,\, v=14\\ w=4\ ,\, h=8\ ,\, x=24\ ,\, y=19\ ,\, v=32\\ w=3\ ,\, h=8\ ,\, x=21\ ,\, y=19\ ,\, v=24\\ \end{array}
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