$ClassName: \ Class_01.2bp-16$

BinSize: $\underline{10} \times \underline{10}$ ReduceSize: $\underline{10} \times \underline{10}$

TypeNum: <u>32</u> Num: <u>40</u> OutS: <u>1100</u> InS: <u>1074</u> Rate: <u>0.976</u> UB: <u>11</u>

UB: <u>11</u> LB0: <u>11</u> LB: **11**

 $\begin{array}{c} \text{LBWithCut: } \underline{\mathbf{11}} \\ \text{NodeCut: } \underline{\mathbf{0}} \end{array}$

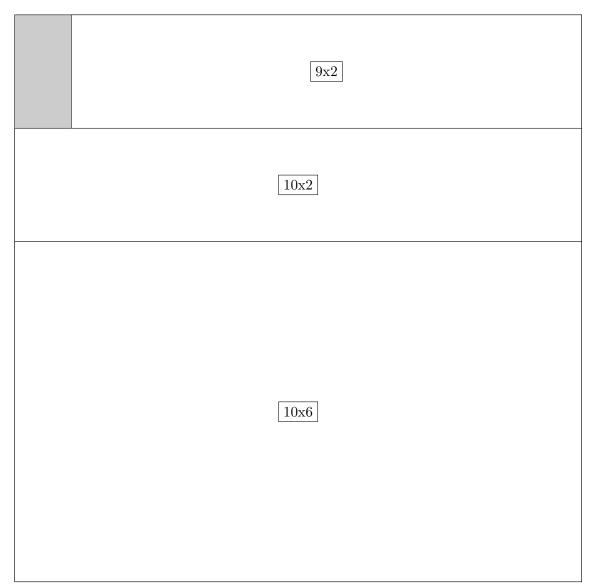
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{11}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

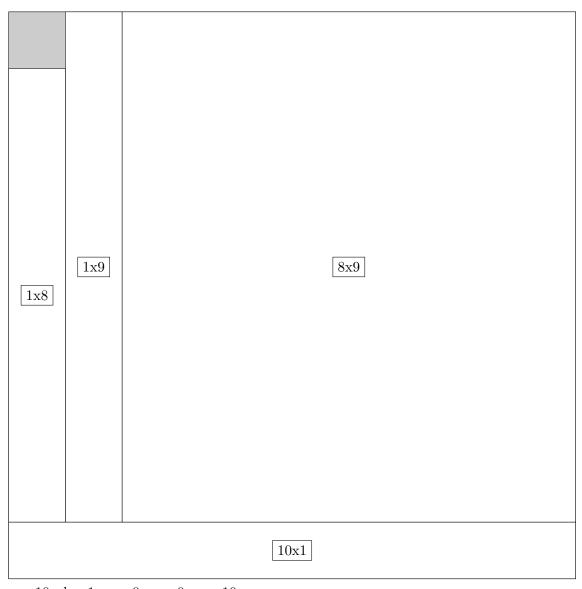
isOpt: $\underline{\mathbf{true}}$

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

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 600.328 s



 $\begin{array}{l} w = & 10 \ , \ h = & 6 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 60 \\ w = & 10 \ , \ h = & 2 \ , \ x = & 0 \ , \ y = & 6 \ , \ v = & 20 \\ w = & 9 \ , \ h = & 2 \ , \ x = & 1 \ , \ y = & 8 \ , \ v = & 18 \end{array}$

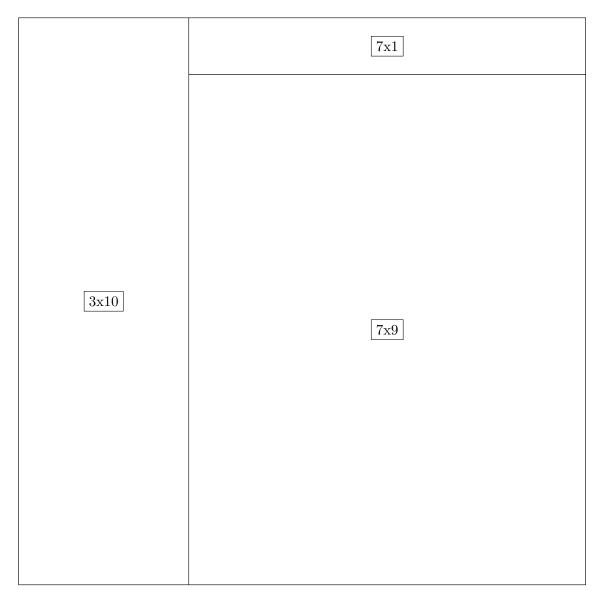


$$\begin{array}{l} w = \! 10 \ , \ h = \! 1 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 10 \\ w = \! 8 \ , \ h = \! 9 \ , \ x = \! 2 \ , \ y = \! 1 \ , \ v = \! 72 \\ w = \! 1 \ , \ h = \! 9 \ , \ x = \! 1 \ , \ y = \! 1 \ , \ v = \! 9 \end{array}$$

$$\mathbf{w}$$
 =1 , h =8 , x =0 , y =1 , v =8



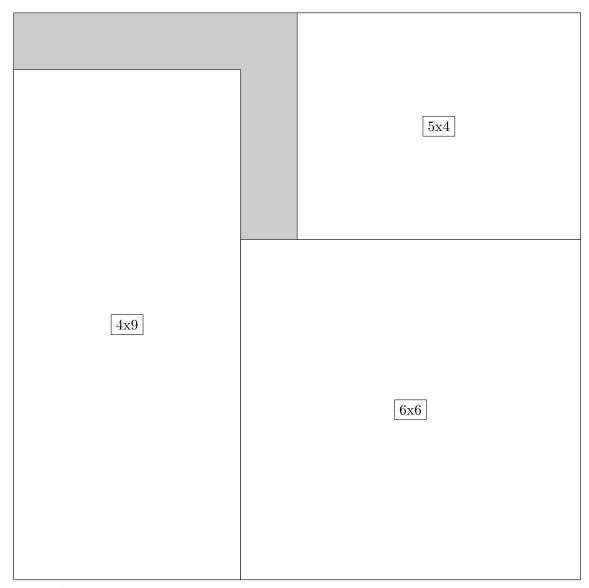
 \mathbf{w} =10 , h =10 , x =0 , y =0 , v =100



$$\mathbf{w}$$
 =7 , h =9 , x =3 , y =0 , v =63

$$\mathbf{w}$$
 =7 , h =1 , x =3 , y =9 , v =7

$$\mathbf{w}$$
 =3 , h =10 , x =0 , y =0 , v =30

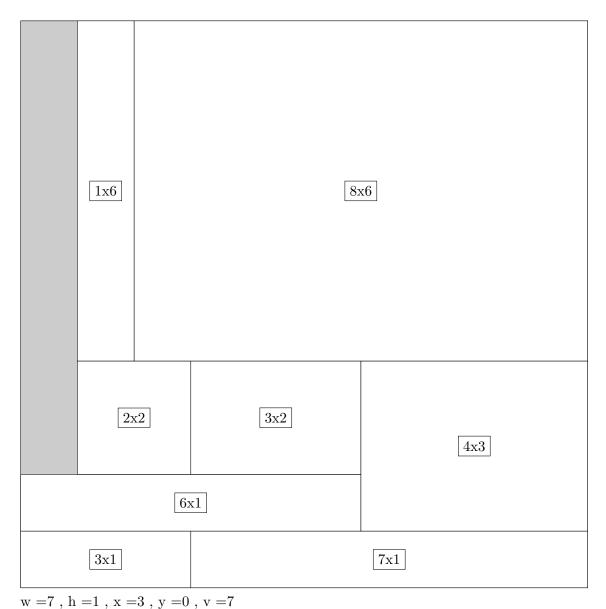


$$\begin{array}{l} w=6 \ , \, h=6 \ , \, x=4 \ , \, y=0 \ , \, v=36 \\ w=5 \ , \, h=4 \ , \, x=5 \ , \, y=6 \ , \, v=20 \\ w=4 \ , \, h=9 \ , \, x=0 \ , \, y=0 \ , \, v=36 \end{array}$$





 \mathbf{w} =10 , h =10 , x =0 , y =0 , v =100



$$\begin{array}{l} w = 2 \ , \ h = 2 \ , \ x = 1 \ , \ y = 2 \ , \ v = 4 \\ w = 8 \ , \ h = 6 \ , \ x = 2 \ , \ y = 4 \ , \ v = 48 \end{array}$$

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

$$\mathbf{w}$$
 =1 , h =6 , x =1 , y =4 , v =6

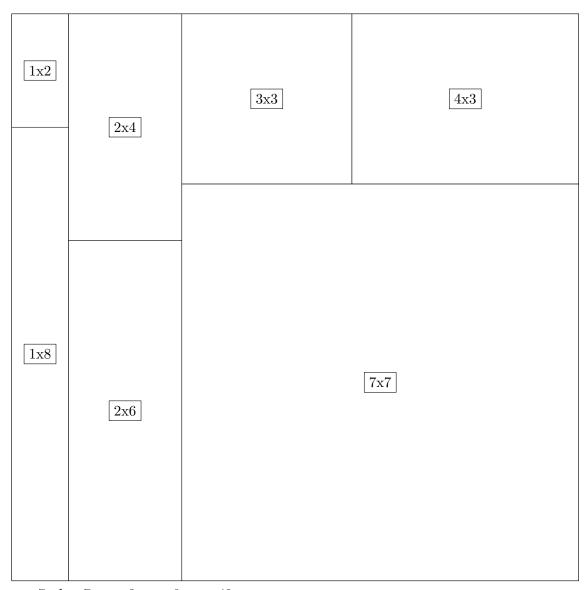
		5x2
2x10	3x10	
		5x8

 \mathbf{w} =5 , \mathbf{h} =8 , \mathbf{x} =5 , \mathbf{y} =0 , \mathbf{v} =40

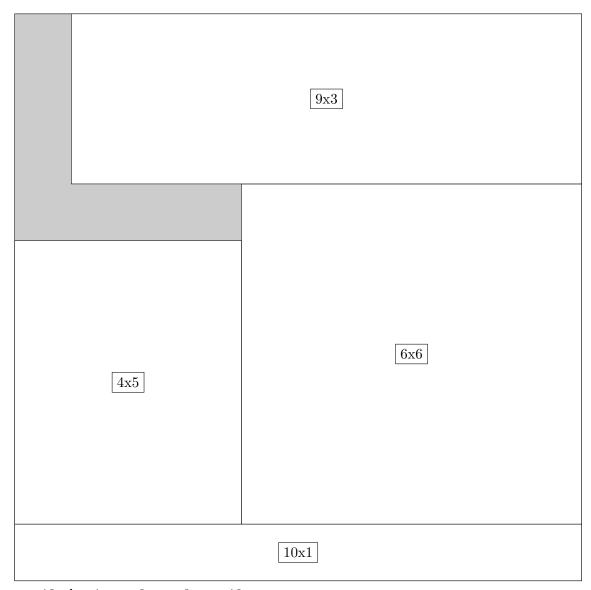
 ≤ 5 , h = 2 , x = 5 , y = 8 , v = 10

 ≤ 3 , h =10 , x =2 , y =0 , v =30

 \mathbf{w} =2 , h =10 , x =0 , y =0 , v =20



 $\begin{array}{l} w=7\ ,\ h=7\ ,\ x=3\ ,\ y=0\ ,\ v=49\\ w=4\ ,\ h=3\ ,\ x=6\ ,\ y=7\ ,\ v=12\\ w=3\ ,\ h=3\ ,\ x=3\ ,\ y=7\ ,\ v=9\\ w=2\ ,\ h=6\ ,\ x=1\ ,\ y=0\ ,\ v=12\\ w=2\ ,\ h=4\ ,\ x=1\ ,\ y=6\ ,\ v=8\\ w=1\ ,\ h=8\ ,\ x=0\ ,\ y=0\ ,\ v=8\\ w=1\ ,\ h=2\ ,\ x=0\ ,\ y=8\ ,\ v=2 \end{array}$



$$\begin{array}{l} w = \! 10 \; , \; h = \! 1 \; , \; x = \! 0 \; , \; y = \! 0 \; , \; v = \! 10 \\ w = \! 6 \; , \; h = \! 6 \; , \; x = \! 4 \; , \; y = \! 1 \; , \; v = \! 36 \end{array}$$

$$\le =4$$
 , h =5 , x =0 , y =1 , v =
20

$$\mathbf{w}$$
 =9 , h =3 , x =1 , y =7 , v =27