$ClassName: \ Class\_01.2bp-4$ 

 $\begin{array}{ll} \text{BinSize: } \underline{\mathbf{10} \times \mathbf{10}} \\ \text{ReduceSize: } \underline{\mathbf{10} \times \mathbf{10}} \end{array}$ 

TypeNum:  $\underline{18}$ Num:  $\underline{20}$ OutS:  $\underline{600}$ InS:  $\underline{534}$ Rate:  $\underline{0.890}$ 

UB: <u>6</u> LB0: <u>6</u> LB: **6** 

LBWithCut:  $\underline{\mathbf{6}}$  NodeCut:  $\underline{\mathbf{0}}$ 

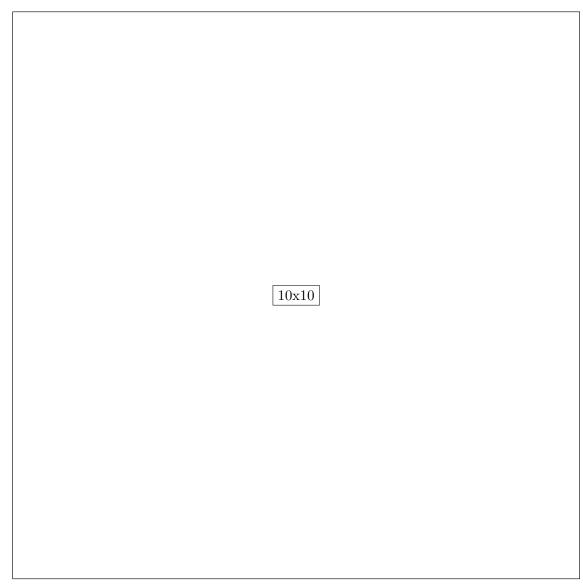
ExtendedNodeCnt:  $\underline{\mathbf{1}}$ 

GenNodeCnt: 1
PrimalNode: 0
ColumnCount: 6
TotalCutCount: 0
RootCutCount: 0
LPSolverCnt: 1
PricingSolverCnt: 0

Branch And<br/>Bound Num:  $\underline{\mathbf{1}}$ 

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

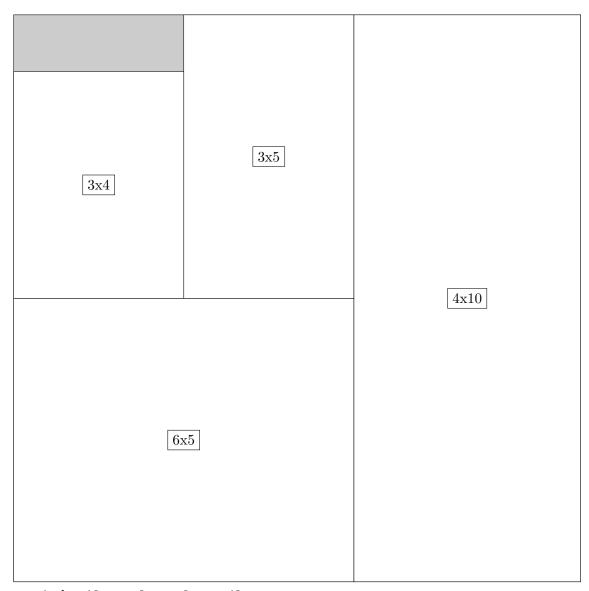
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.062 sTotalTime: 0.141 s



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

7x1	1x1
10x9	

 $\begin{array}{l} w = & 10 \ , \ h = & 9 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 90 \\ w = & 1 \ , \ h = & 1 \ , \ x = & 9 \ , \ y = & 9 \ , \ v = & 1 \\ w = & 7 \ , \ h = & 1 \ , \ x = & 2 \ , \ y = & 9 \ , \ v = & 7 \end{array}$ 

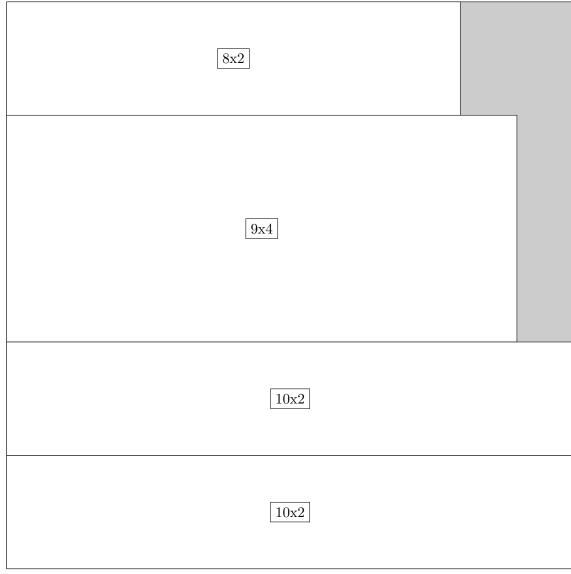


 $\mathbf{w}$  =4 , h =10 , x =6 , y =0 , v =40

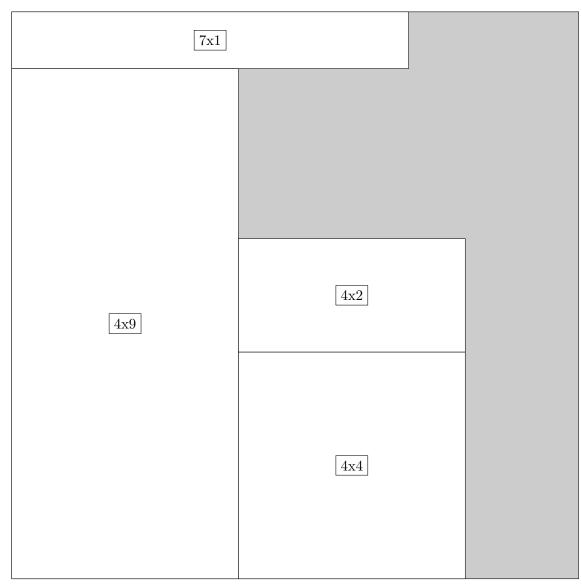
 $\mathbf{w}$  =6 , h =5 , x =0 , y =0 , v =30

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

 $\mathbf{w}$  =3 , h =4 , x =0 , y =5 , v =12



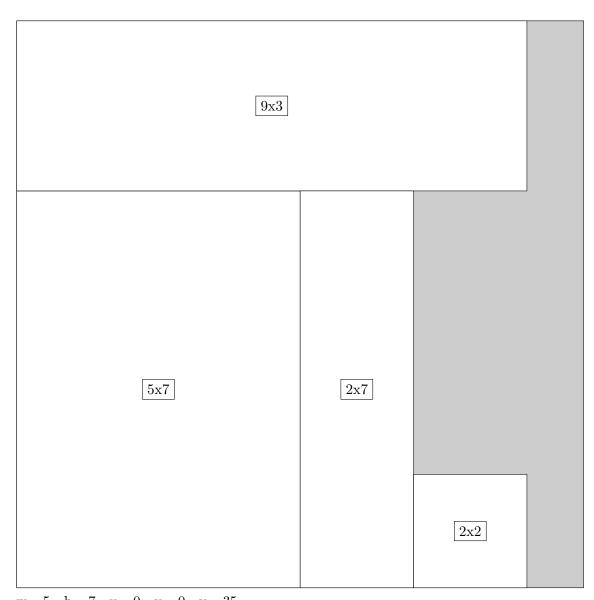
$$\begin{array}{l} w = 9 \ , \ h = 4 \ , \ x = 0 \ , \ y = 4 \ , \ v = 36 \\ w = 10 \ , \ h = 2 \ , \ x = 0 \ , \ y = 0 \ , \ v = 20 \\ w = 10 \ , \ h = 2 \ , \ x = 0 \ , \ y = 2 \ , \ v = 20 \\ w = 8 \ , \ h = 2 \ , \ x = 0 \ , \ y = 8 \ , \ v = 16 \end{array}$$



$$\begin{array}{l} w = \! 4 \ , \ h = \! 9 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 36 \\ w = \! 4 \ , \ h = \! 4 \ , \ x = \! 4 \ , \ y = \! 0 \ , \ v = \! 16 \end{array}$$

$$\mathbf{w}$$
 =4 , h =2 , x =4 , y =4 , v =8

$$\mathbf{w}$$
 =7 , h =1 , x =0 , y =9 , v =7



$$\begin{array}{l} w = 5 \ , \ h = 7 \ , \ x = 0 \ , \ y = 0 \ , \ v = 35 \\ w = 9 \ , \ h = 3 \ , \ x = 0 \ , \ y = 7 \ , \ v = 27 \\ w = 2 \ , \ h = 7 \ , \ x = 5 \ , \ y = 0 \ , \ v = 14 \end{array}$$

 $\mathbf{w}$  =2 , h =2 , x =7 , y =0 , v =4