$ClassName: \ Class_01.2bp-4$

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

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**

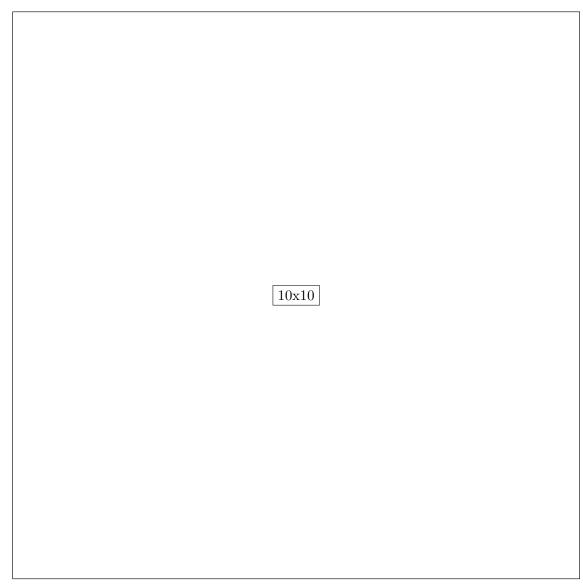
LBWithCut: $\underline{\mathbf{6}}$ NodeCut: $\underline{\mathbf{0}}$

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

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{6}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: **true**

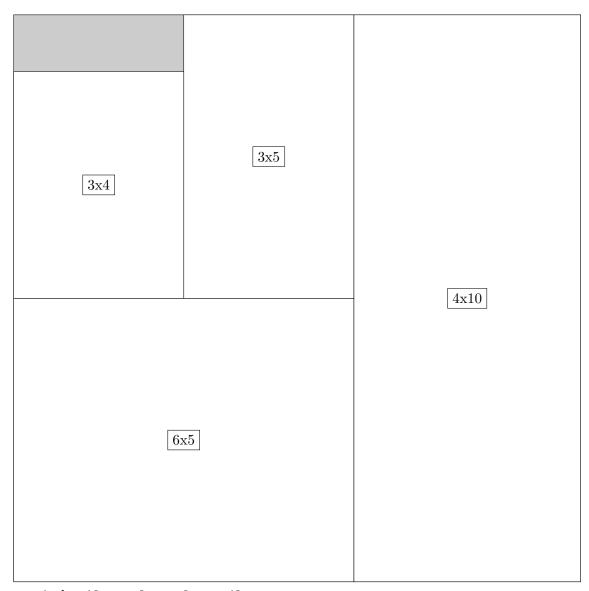
 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.000 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.061 \ s} \\ {\rm TotalTime:} \ \underline{0.123 \ s} \\ \end{array}$



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

7x1	1x1
10x9	

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

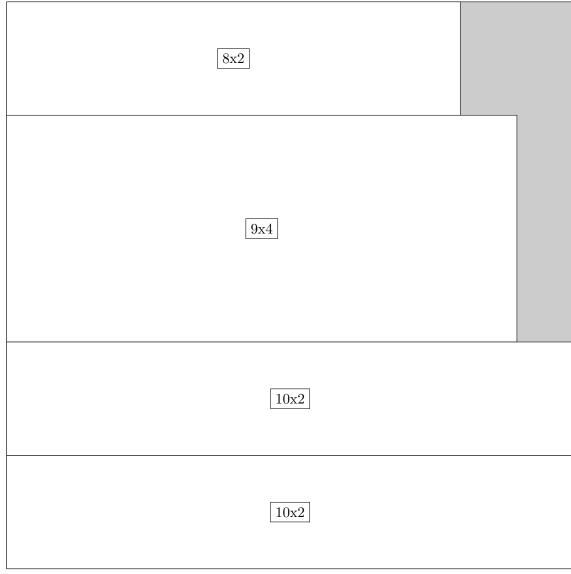


 \mathbf{w} =4 , h =10 , x =6 , y =0 , v =40

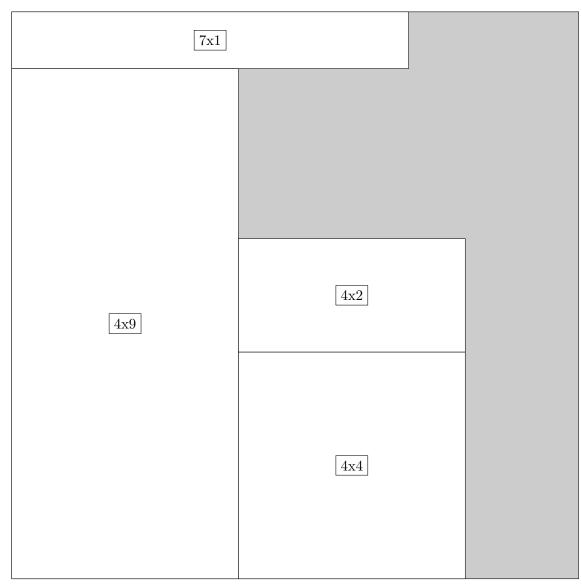
 \mathbf{w} =6 , h =5 , x =0 , y =0 , v =30

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

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



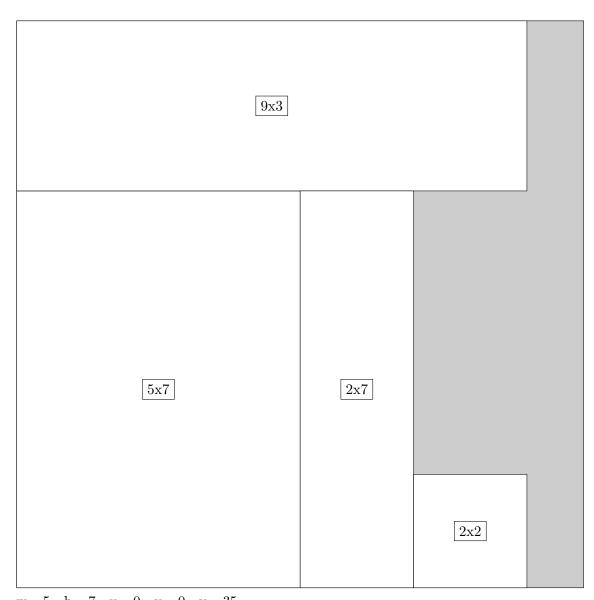
$$\begin{array}{l} w = 9 \ , \ h = 4 \ , \ x = 0 \ , \ y = 4 \ , \ v = 36 \\ w = 10 \ , \ h = 2 \ , \ x = 0 \ , \ y = 0 \ , \ v = 20 \\ w = 10 \ , \ h = 2 \ , \ x = 0 \ , \ y = 2 \ , \ v = 20 \\ w = 8 \ , \ h = 2 \ , \ x = 0 \ , \ y = 8 \ , \ v = 16 \end{array}$$



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

$$\mathbf{w}$$
 =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