${\bf ClassName:}~{\bf Class_01.2bp\text{-}4}$

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

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

UB: **6**LB: **6**LB: **6**

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

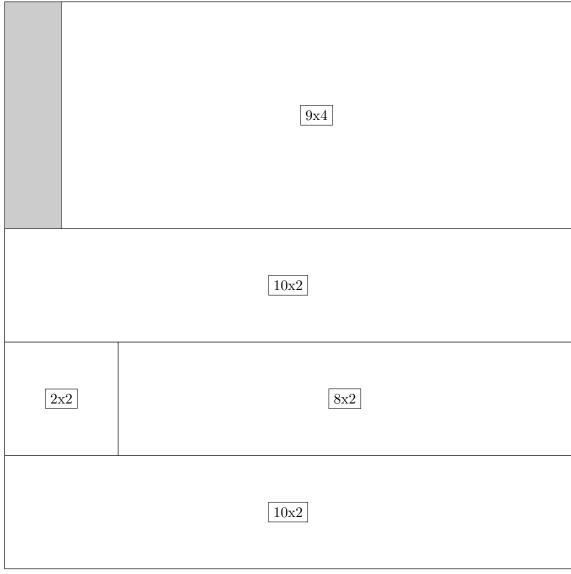
ExtendedNodeCnt: $\underline{\mathbf{1}}$

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

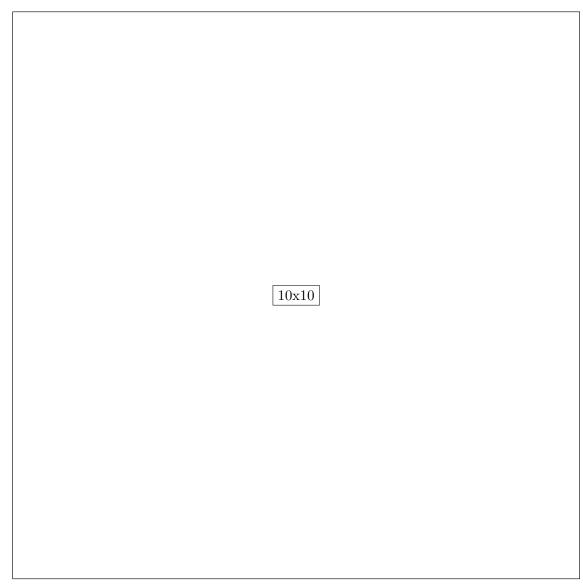
isOpt: $\underline{\mathbf{true}}$

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

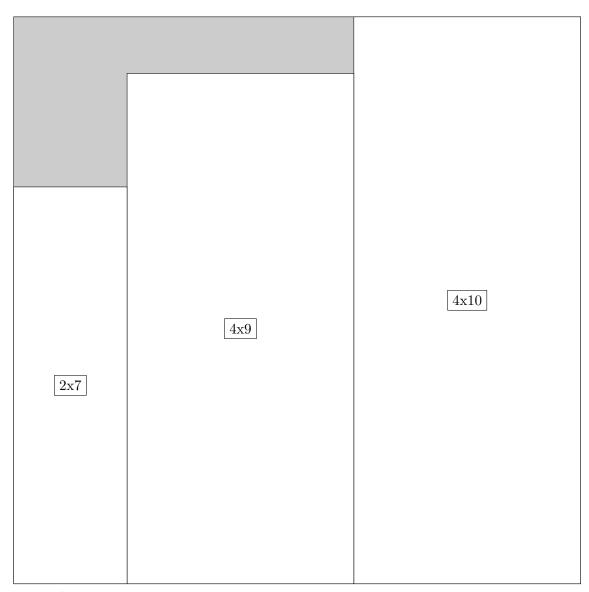
 $\begin{array}{ll} {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.062 \ s} \\ {\rm TotalTime:} \ 600.381 \ s \end{array}$



$$\begin{array}{l} w = & 10 \; , \; h = & 2 \; , \; x = & 0 \; , \; y = & 0 \; , \; v = & 20 \\ w = & 8 \; , \; h = & 2 \; , \; x = & 2 \; , \; y = & 2 \; , \; v = & 16 \\ w = & 2 \; , \; h = & 2 \; , \; x = & 0 \; , \; y = & 2 \; , \; v = & 4 \\ w = & 10 \; , \; h = & 2 \; , \; x = & 0 \; , \; y = & 4 \; , \; v = & 20 \\ w = & 9 \; , \; h = & 4 \; , \; x = & 1 \; , \; y = & 6 \; , \; v = & 36 \end{array}$$



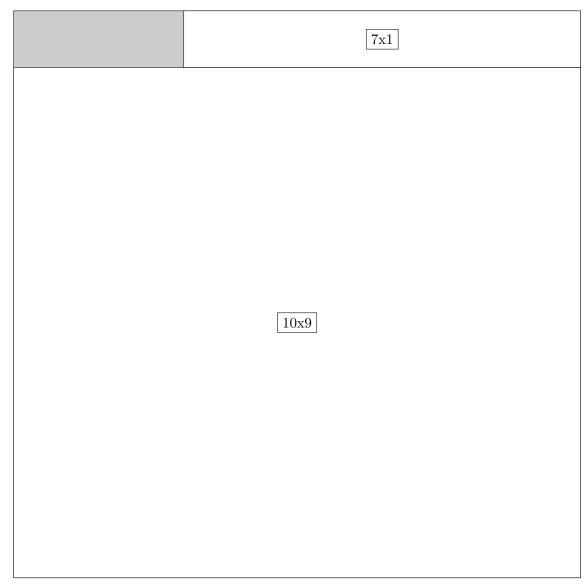
 \mathbf{w} =10 , h =10 , x =0 , y =0 , v =100

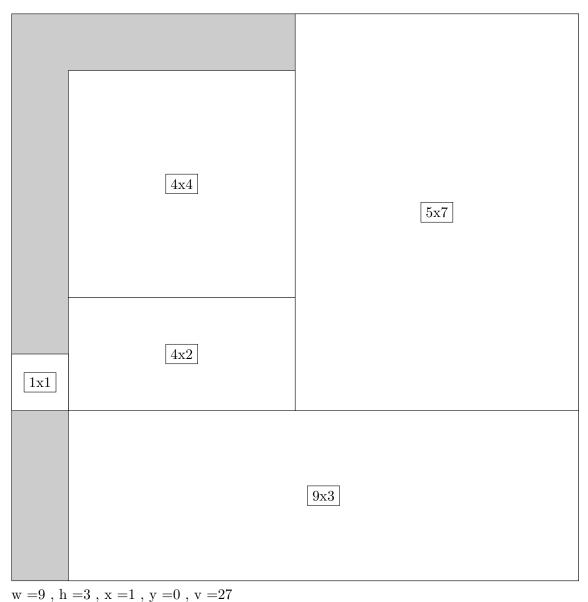


 \mathbf{w} =4 , h =10 , x =6 , y =0 , v =40

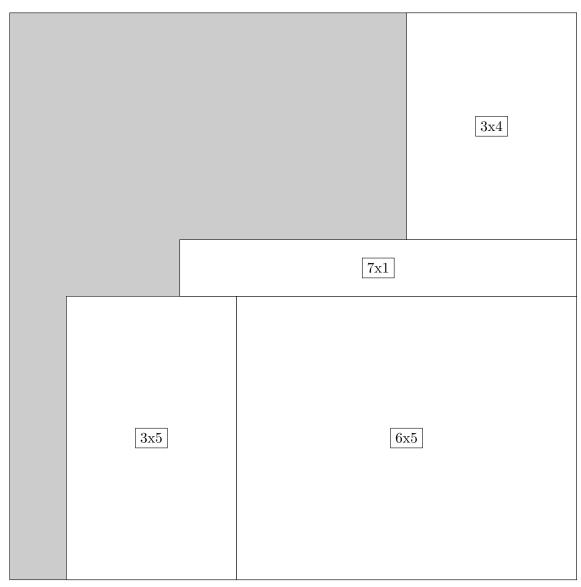
 \mathbf{w} =4 , h =9 , x =2 , y =0 , v =36

 \mathbf{w} =2 , h =7 , x =0 , y =0 , v =14





w = 4, h = 4, x = 1, y = 5, v = 16



$$w=6$$
 , $h=5$, $x=4$, $y=0$, $v=30$

$$\mathbf{w}$$
 =3 , h =5 , x =1 , y =0 , v =
15

$$\mathbf{w}$$
 =7 , h =1 , x =3 , y =5 , v =7

$$\mathbf{w}$$
 =3 , h =4 , x =7 , y =6 , v =12