ClassName: $Class_01.2bp-9$

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

TypeNum: <u>20</u> Num: <u>20</u> OutS: <u>800</u> InS: <u>664</u> Rate: <u>0.830</u>

UB: <u>8</u> LB0: <u>8</u> LB: 8

LBWithCut: $\underline{\mathbf{8}}$ NodeCut: $\underline{\mathbf{0}}$

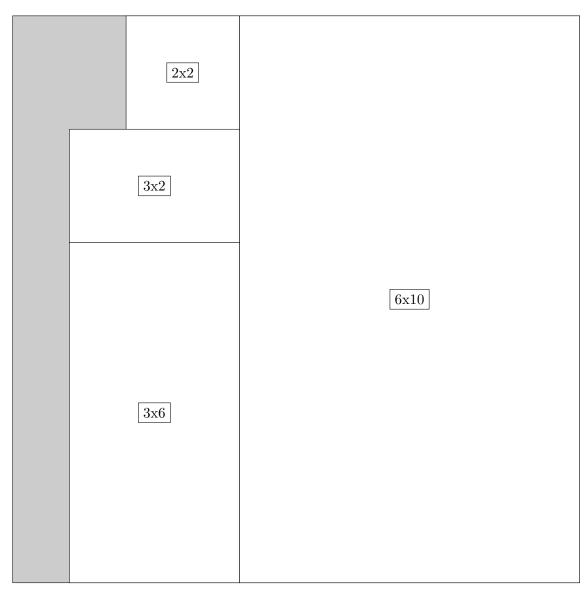
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{8}}$ 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: 0.063 sTotalTime: 600.328 s



$$w=6$$
, $h=10$, $x=4$, $y=0$, $v=60$

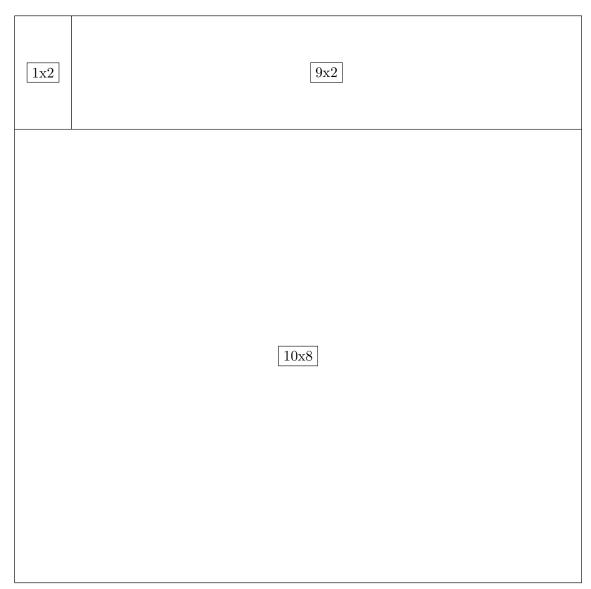
$$\mathbf{w}$$
 =3 , h =6 , x =1 , y =0 , v =18

$$\le 3$$
 , h =2 , x =1 , y =6 , v =6

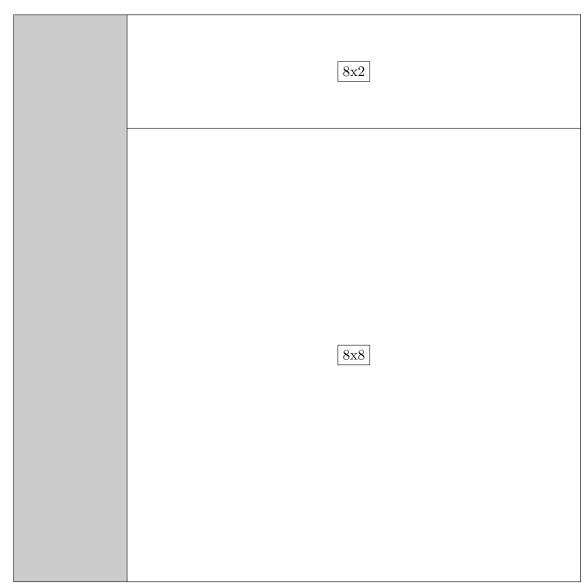
$$\mathbf{w}=2$$
 , $\mathbf{h}=2$, $\mathbf{x}=2$, $\mathbf{y}=8$, $\mathbf{v}=4$



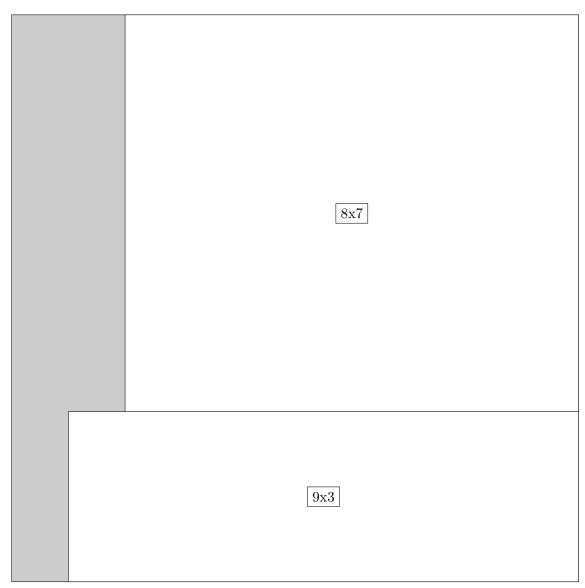
 \mathbf{w} =10 , h =10 , x =0 , y =0 , v =100



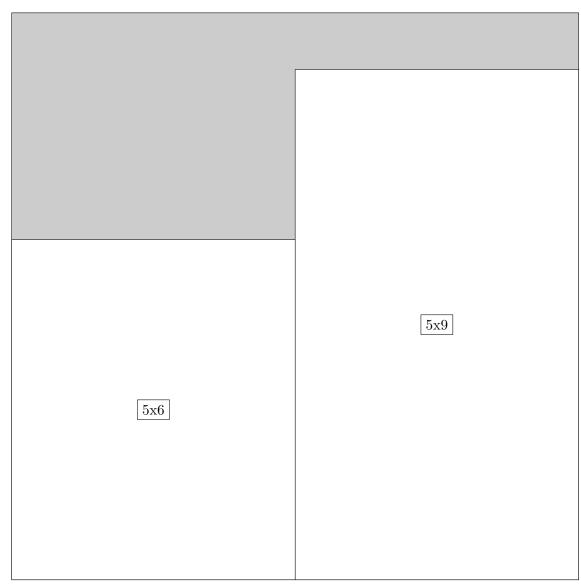
 $\begin{array}{l} w = & 10 \ , \ h = & 8 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 80 \\ w = & 9 \ , \ h = & 2 \ , \ x = & 1 \ , \ y = & 8 \ , \ v = & 18 \\ w = & 1 \ , \ h = & 2 \ , \ x = & 0 \ , \ y = & 8 \ , \ v = & 2 \end{array}$



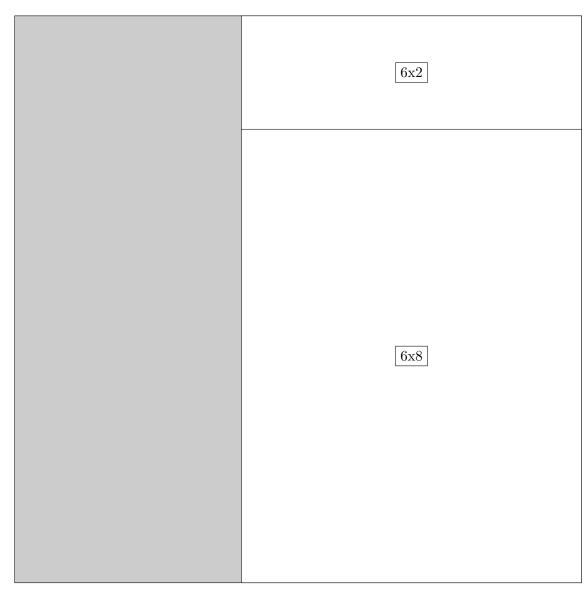
$$\begin{array}{l} w = 8 \ , \, h = 8 \ , \, x = 2 \ , \, y = 0 \ , \, v = 64 \\ w = 8 \ , \, h = 2 \ , \, x = 2 \ , \, y = 8 \ , \, v = 16 \end{array}$$



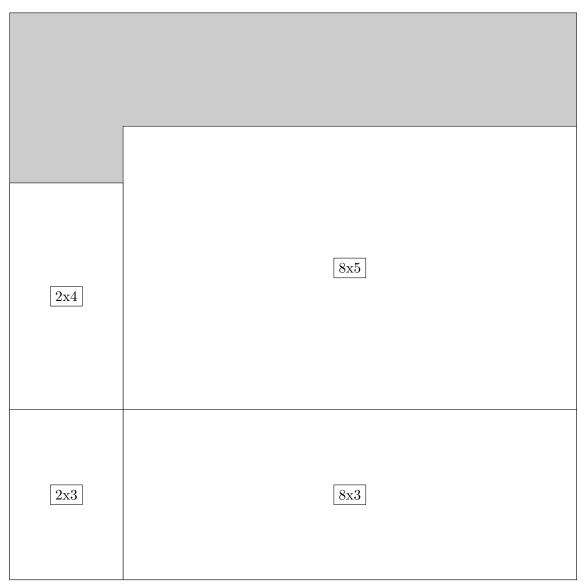
 $\begin{array}{c} w = 9 \ , \, h = 3 \ , \, x = 1 \ , \, y = 0 \ , \, v = 27 \\ w = 8 \ , \, h = 7 \ , \, x = 2 \ , \, y = 3 \ , \, v = 56 \end{array}$



w =5, h =9, x =5, y =0, v =45 w =5, h =6, x =0, y =0, v =30



$$\begin{array}{l} w = 6 \ , \, h = 8 \ , \, x = \! 4 \ , \, y = \! 0 \ , \, v = \! 48 \\ w = \! 6 \ , \, h = \! 2 \ , \, x = \! 4 \ , \, y = \! 8 \ , \, v = \! 12 \end{array}$$



$$\mathbf{w}$$
 =8 , \mathbf{h} =3 , \mathbf{x} =2 , \mathbf{y} =0 , \mathbf{v} =24

$$\mathbf{w}$$
 =2 , h =3 , x =0 , y =0 , v =6

$$w$$
 =8 , h =5 , x =2 , y =3 , v =40

$$\mathbf{w}$$
 =2 , h =4 , x =0 , y =3 , v =8