$ClassName: \ Class_01.2bp-14$

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

TypeNum: <u>35</u> Num: <u>40</u> OutS: <u>1500</u> InS: <u>1376</u> Rate: <u>0.917</u> UB: <u>15</u> LB0: <u>15</u> LB: <u>15</u>

LBWithCut: $\underline{\bf 15}$ NodeCut: $\underline{\bf 0}$

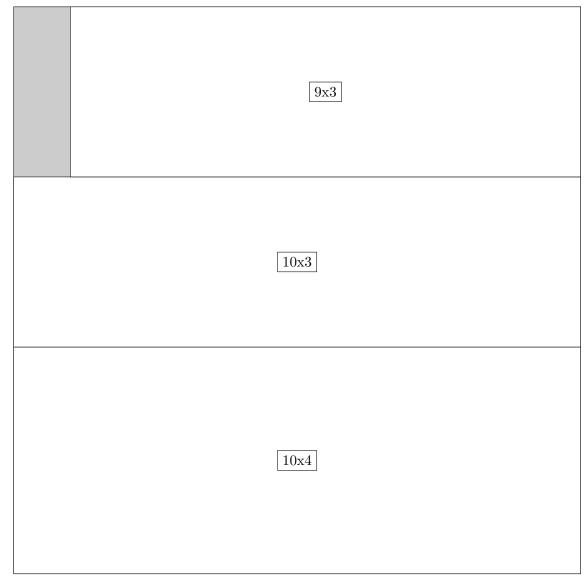
ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{15}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

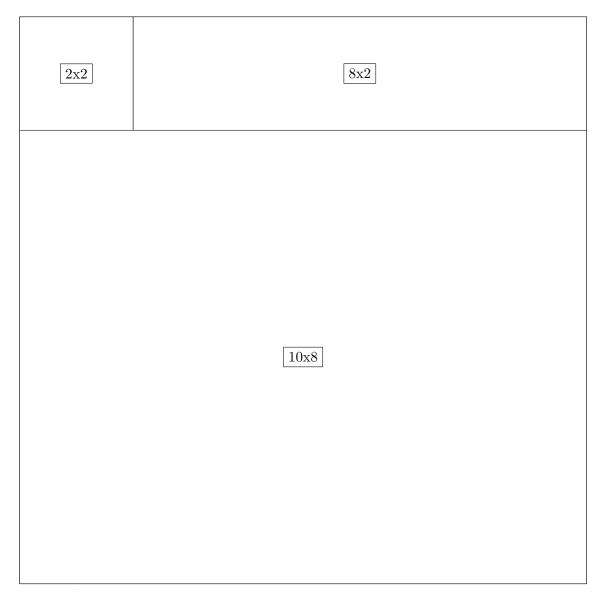
isOpt: $\underline{\mathbf{true}}$

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

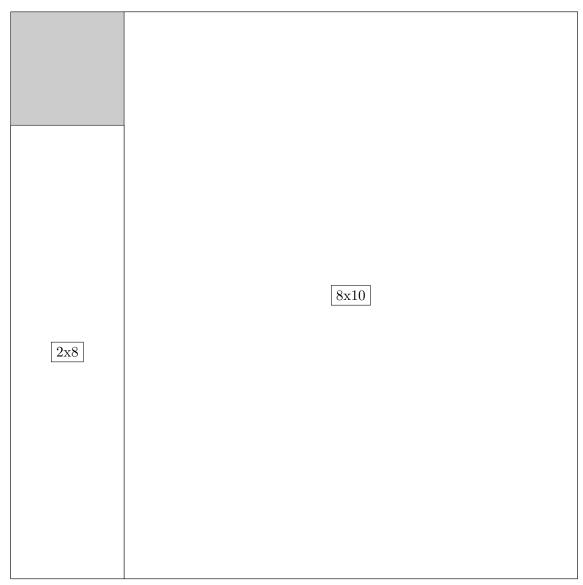
TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: 0.078 sTotalTime: 600.313 s



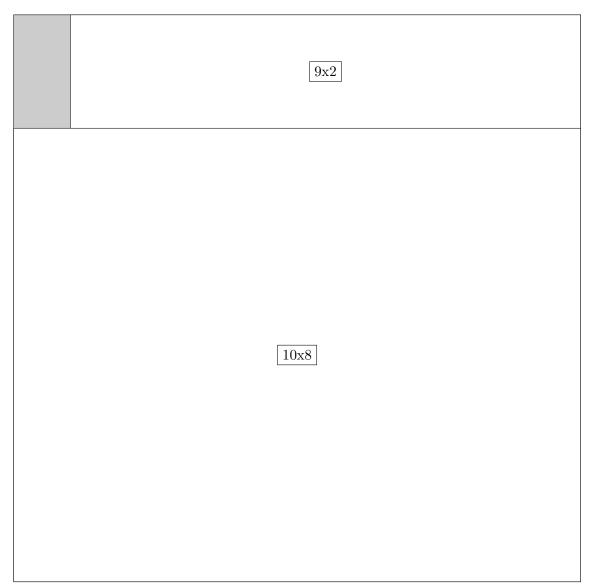
$$\begin{array}{l} w = & 10 \; , \; h = & 4 \; , \; x = & 0 \; , \; y = & 0 \; , \; v = & 40 \\ w = & 10 \; , \; h = & 3 \; , \; x = & 0 \; , \; y = & 4 \; , \; v = & 30 \\ w = & 9 \; , \; h = & 3 \; , \; x = & 1 \; , \; y = & 7 \; , \; v = & 27 \end{array}$$



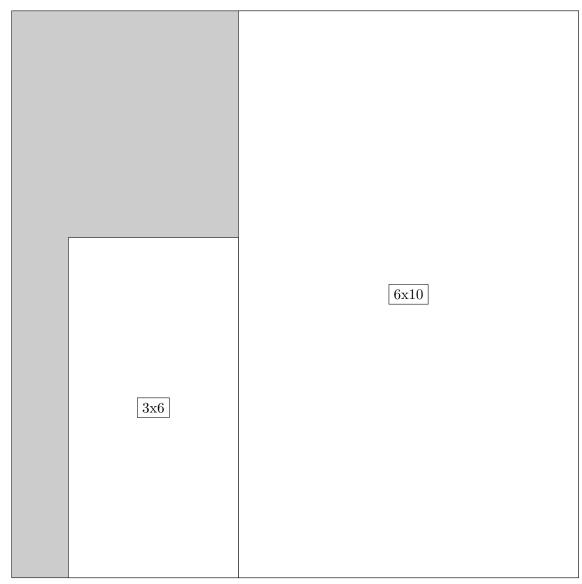
 $\begin{array}{l} w = & 10 \ , \ h = & 8 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 80 \\ w = & 8 \ , \ h = & 2 \ , \ x = & 2 \ , \ y = & 8 \ , \ v = & 16 \\ w = & 2 \ , \ h = & 2 \ , \ x = & 0 \ , \ y = & 8 \ , \ v = & 4 \end{array}$



w =8, h =10, x =2, y =0, v =80 w =2, h =8, x =0, y =0, v =16



w =10, h =8, x =0, y =0, v =80 w =9, h =2, x =1, y =8, v =18



 $\begin{array}{c} w = 6 \ , \ h = 10 \ , \ x = 4 \ , \ y = 0 \ , \ v = 60 \\ w = 3 \ , \ h = 6 \ , \ x = 1 \ , \ y = 0 \ , \ v = 18 \end{array}$

1x2	3x2	[6x2]
		10x8

$$w = 10$$
 , $h = 8$, $x = 0$, $y = 0$, $v = 80$

$$\mathbf{w}$$
 =6 , h =2 , x =4 , y =8 , v =12

$$\le 3$$
 , h =2 , x =1 , y =8 , v =6

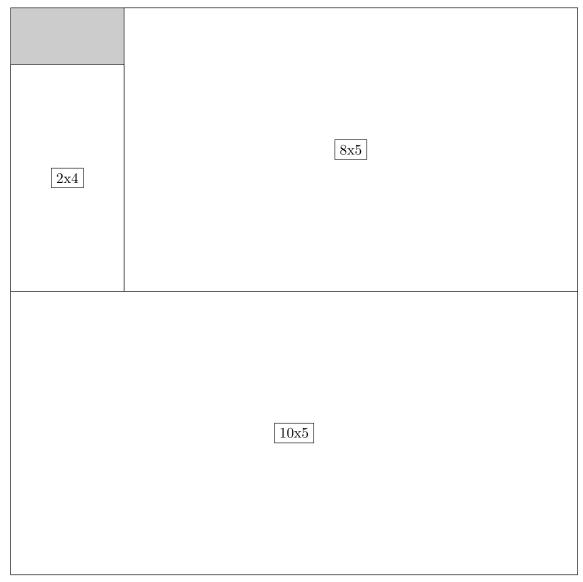
$$\mathbf{w}$$
 =1 , h =2 , x =0 , y =8 , v =2



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



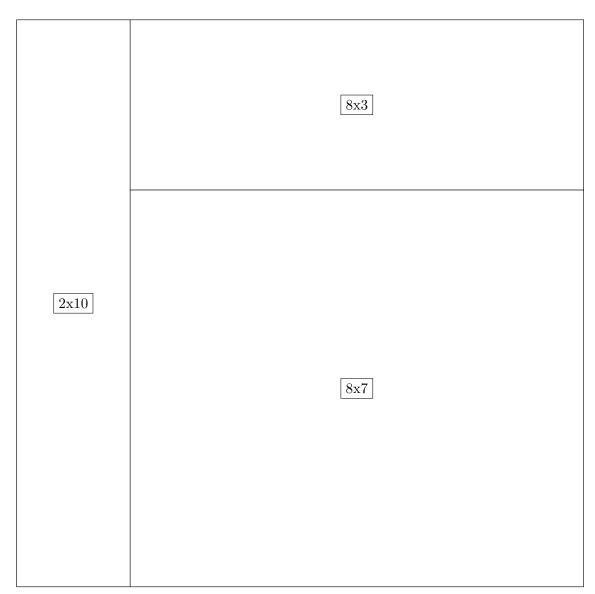
w = 10, h = 9, x = 0, y = 0, v = 90



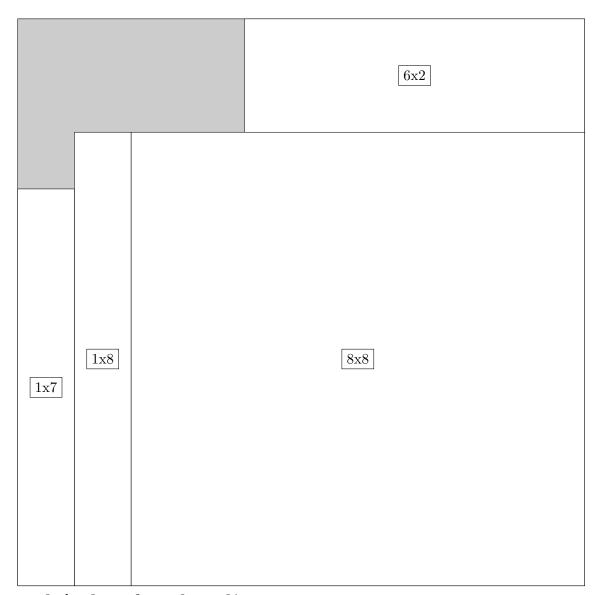
 $\begin{array}{l} w = & 10 \ , \ h = & 5 \ , \ x = & 0 \ , \ y = & 0 \ , \ v = & 50 \\ w = & 8 \ , \ h = & 5 \ , \ x = & 2 \ , \ y = & 5 \ , \ v = & 40 \\ w = & 2 \ , \ h = & 4 \ , \ x = & 0 \ , \ y = & 5 \ , \ v = & 8 \end{array}$

5x1	
5x8	$5\mathrm{x}9$

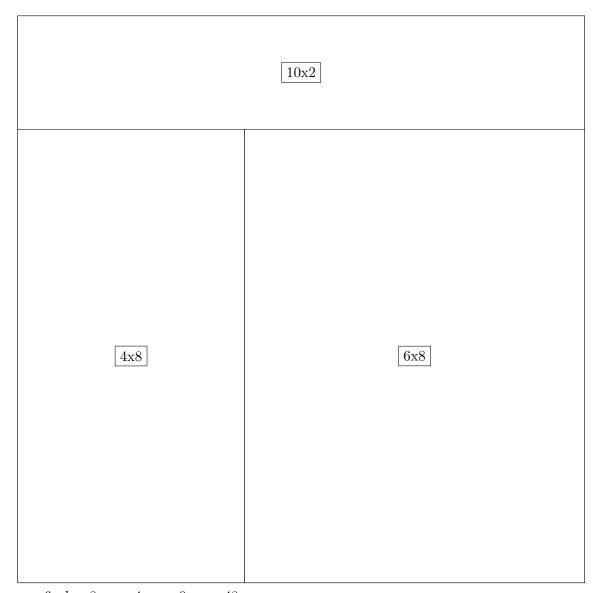
 $\begin{array}{l} w = 5 \ , \ h = 9 \ , \ x = 5 \ , \ y = 0 \ , \ v = 45 \\ w = 5 \ , \ h = 8 \ , \ x = 0 \ , \ y = 0 \ , \ v = 40 \\ w = 5 \ , \ h = 1 \ , \ x = 0 \ , \ y = 8 \ , \ v = 5 \end{array}$



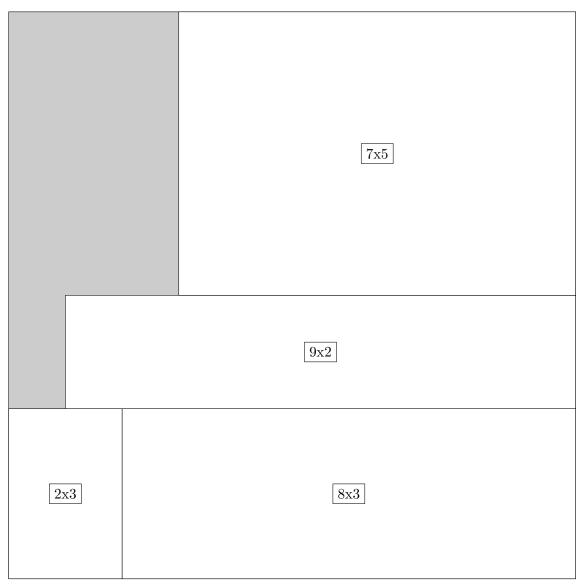
$$\begin{array}{l} w = 8 \ , \ h = 7 \ , \ x = 2 \ , \ y = 0 \ , \ v = 56 \\ w = 8 \ , \ h = 3 \ , \ x = 2 \ , \ y = 7 \ , \ v = 24 \\ w = 2 \ , \ h = 10 \ , \ x = 0 \ , \ y = 0 \ , \ v = 20 \end{array}$$



 $\begin{array}{l} w=8 \ , \ h=8 \ , \ x=2 \ , \ y=0 \ , \ v=64 \\ w=6 \ , \ h=2 \ , \ x=4 \ , \ y=8 \ , \ v=12 \\ w=1 \ , \ h=8 \ , \ x=1 \ , \ y=0 \ , \ v=8 \\ w=1 \ , \ h=7 \ , \ x=0 \ , \ y=0 \ , \ v=7 \end{array}$



$$\begin{array}{l} w = 6 \ , \ h = 8 \ , \ x = 4 \ , \ y = 0 \ , \ v = 48 \\ w = 4 \ , \ h = 8 \ , \ x = 0 \ , \ y = 0 \ , \ v = 32 \\ w = 10 \ , \ h = 2 \ , \ x = 0 \ , \ y = 8 \ , \ v = 20 \end{array}$$



$$w$$
 =8 , h =3 , x =2 , y =0 , v =24

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

$$\mathbf{w}$$
 =9 , h =2 , x =1 , y =3 , v =18

$$\mathbf{w}$$
 =7 , h =5 , x =3 , y =5 , v =35

