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

BinSize:  $10 \times 10$ ReduceSize:  $10 \times 10$ 

TypeNum: 20Num: **20** OutS: **900** InS: **650** Rate:  $\underline{0.722}$ 

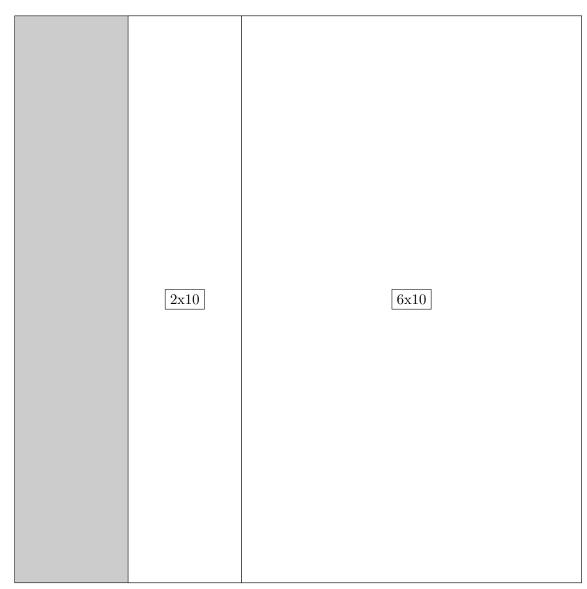
UB:  $\underline{9}$ LB: **8** 

LBWithCut: 8 NodeCount:  $\mathbf{0}$ PrimalNode: 21 ColumnCount: 33 $TotalCutCount: \ \mathbf{0}$ RootCutCount:  $\underline{\mathbf{0}}$ LPSolverCnt: 66 PricingSolverCnt: 65 Branch And<br/>Bound Num:  $\underline{\mathbf{3}}$ isOpt: **true** 

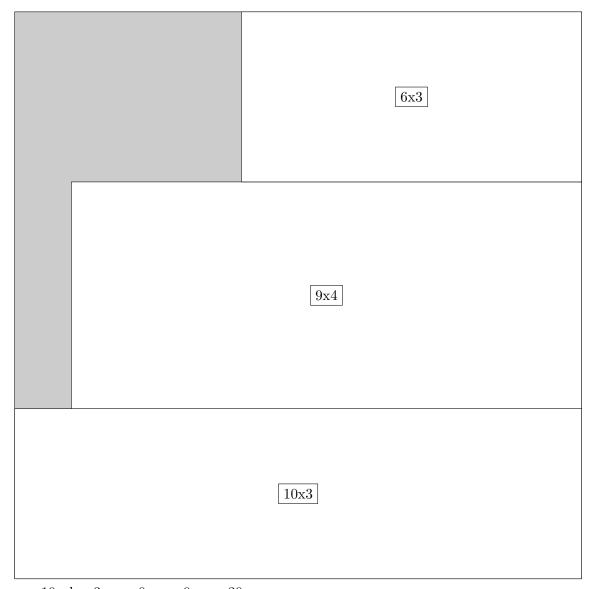
TimeOnPrimal: 0.125 sTimeOnPricing: 0.095 sTimeOnRmp:  $\underline{0.078 \text{ s}}$ TotalTime: 0.391 s



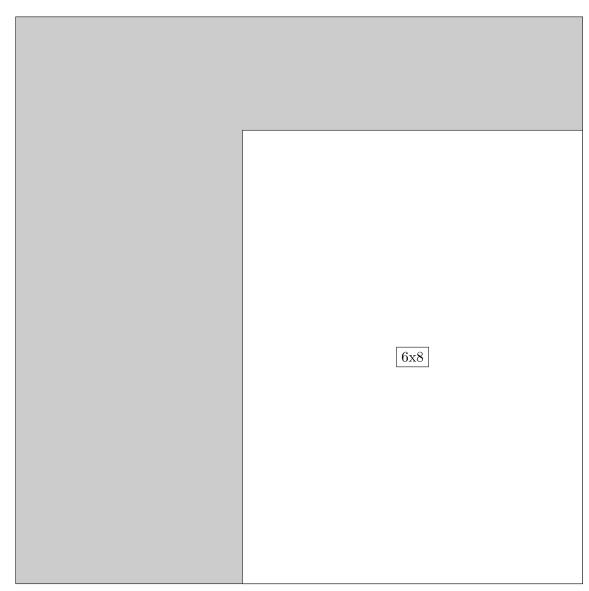
w = 10, h = 9, x = 0, y = 0, v = 90



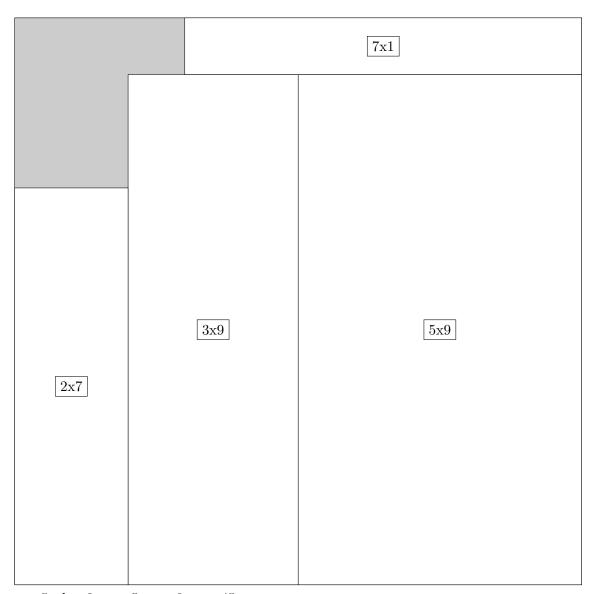
 $\begin{array}{c} w = 6 \ , \ h = \! 10 \ , \ x = \! 4 \ , \ y = \! 0 \ , \ v = \! 60 \\ w = \! 2 \ , \ h = \! 10 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 20 \\ \end{array}$ 



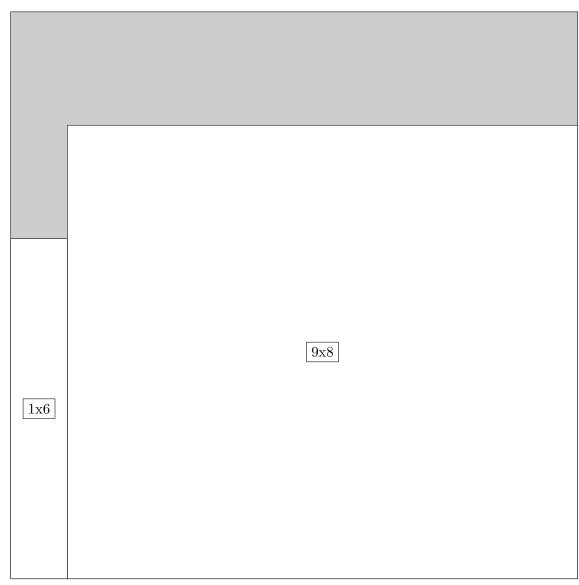
 $\begin{array}{l} w = & 10 \; , \; h = & 3 \; , \; x = & 0 \; , \; y = & 0 \; , \; v = & 30 \\ w = & 9 \; , \; h = & 4 \; , \; x = & 1 \; , \; y = & 3 \; , \; v = & 36 \\ w = & 6 \; , \; h = & 3 \; , \; x = & 4 \; , \; y = & 7 \; , \; v = & 18 \end{array}$ 

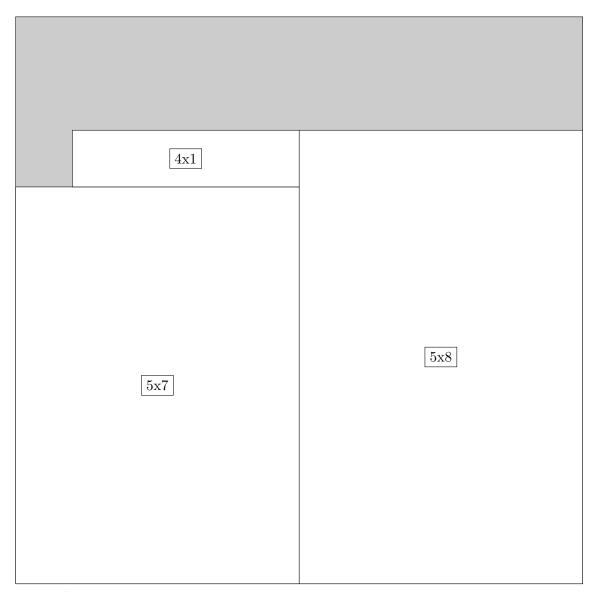


 $\mathbf{w}$  =6 , h =8 , x =4 , y =0 , v =48

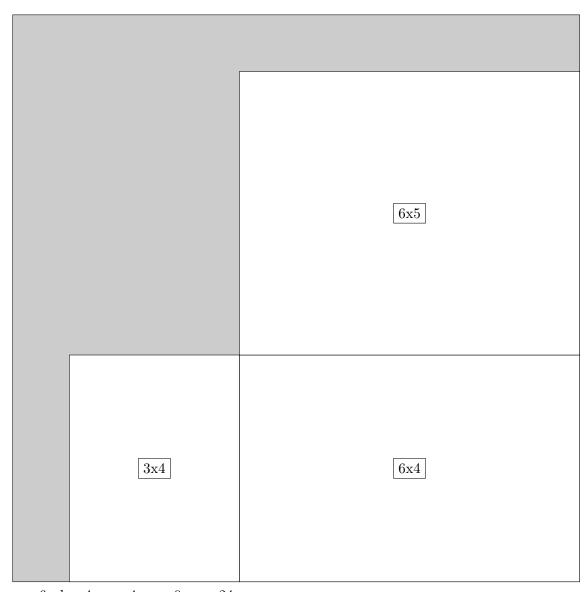


 $\begin{array}{l} w=5 \ , \ h=9 \ , \ x=5 \ , \ y=0 \ , \ v=45 \\ w=3 \ , \ h=9 \ , \ x=2 \ , \ y=0 \ , \ v=27 \\ w=2 \ , \ h=7 \ , \ x=0 \ , \ y=0 \ , \ v=14 \\ w=7 \ , \ h=1 \ , \ x=3 \ , \ y=9 \ , \ v=7 \end{array}$ 



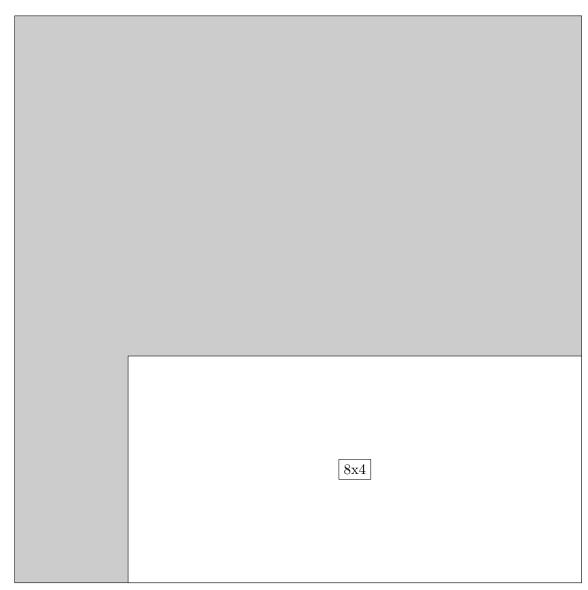


 $\begin{array}{l} w = 5 \ , \ h = 8 \ , \ x = 5 \ , \ y = 0 \ , \ v = 40 \\ w = 5 \ , \ h = 7 \ , \ x = 0 \ , \ y = 0 \ , \ v = 35 \\ w = 4 \ , \ h = 1 \ , \ x = 1 \ , \ y = 7 \ , \ v = 4 \end{array}$ 



 $\begin{array}{l} w = 6 \ , \ h = \! 4 \ , \ x = \! 4 \ , \ y = \! 0 \ , \ v = \! 24 \\ w = \! 3 \ , \ h = \! 4 \ , \ x = \! 1 \ , \ y = \! 0 \ , \ v = \! 12 \end{array}$ 

 $\mathbf{w}$  =6 , h =5 , x =4 , y =4 , v =30



 $\mathbf{w}$  =8 , h =4 , x =2 , y =0 , v =32