$ClassName: \ Class\_01.2bp-0$ 

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

TypeNum:  $\underline{18}$ Num:  $\underline{20}$ OutS:  $\underline{800}$ InS:  $\underline{648}$ Rate:  $\underline{0.810}$ 

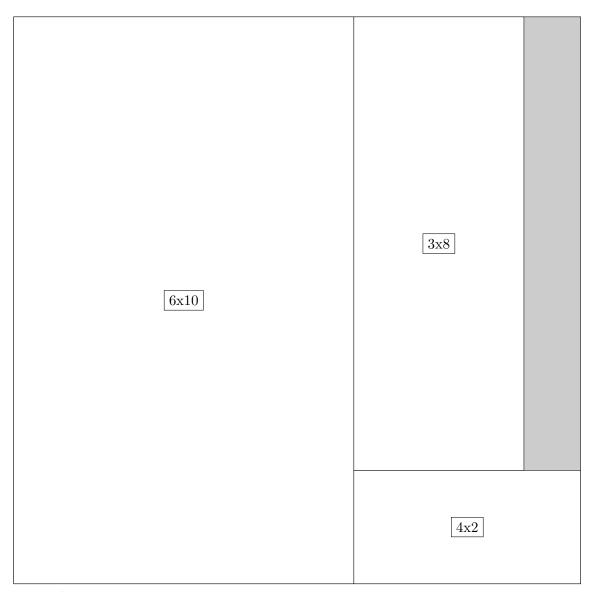
UB: <u>8</u> LB0: <u>8</u> LB: 8

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

 $\begin{array}{ll} \text{TimeOnPrimal: } \underline{0.000 \text{ s}} \\ \text{TimeOnPricing: } \underline{0.000 \text{ s}} \\ \text{TimeOnRmp: } \underline{0.062 \text{ s}} \\ \text{TotalTime: } \underline{0.109 \text{ s}} \end{array}$ 

| 7x10 | 3x10 |
|------|------|
|      |      |



 $\begin{array}{l} w = 6 \ , \ h = \! 10 \ , \ x = \! 0 \ , \ y = \! 0 \ , \ v = \! 60 \\ w = \! 3 \ , \ h = \! 8 \ , \ x = \! 6 \ , \ y = \! 2 \ , \ v = \! 24 \\ w = \! 4 \ , \ h = \! 2 \ , \ x = \! 6 \ , \ y = \! 0 \ , \ v = \! 8 \end{array}$ 

|     | 5x3 |
|-----|-----|
| 8x7 | 2x7 |

 $\mathbf{w}$  =8 , h =7 , x =0 , y =0 , v =56

w =5 , h =3 , x =5 , y =7 , v = 15

 $\mathbf{w}$  =2 , h =7 , x =8 , y =0 , v =14

| 7x8 | 3x8 |
|-----|-----|

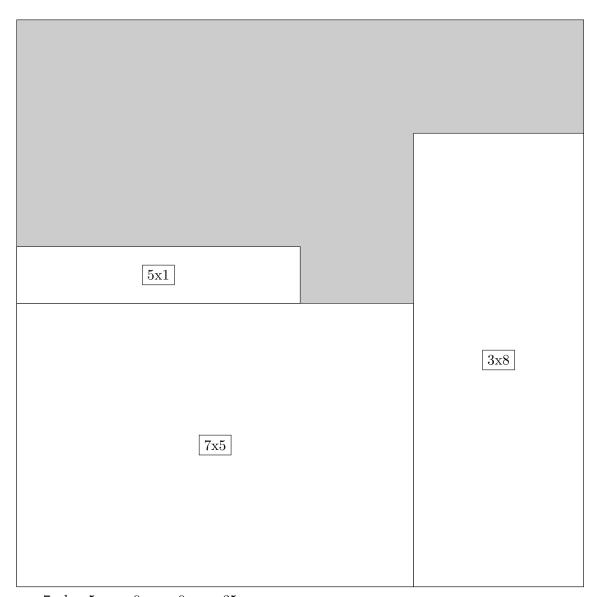
 $\begin{array}{l} w = 7 \ , \ h = 8 \ , \ x = 0 \ , \ y = 0 \ , \ v = 56 \\ w = 3 \ , \ h = 8 \ , \ x = 7 \ , \ y = 0 \ , \ v = 24 \end{array}$ 

| $10\mathrm{x}4$ |     |
|-----------------|-----|
| 7x6             | 3x6 |

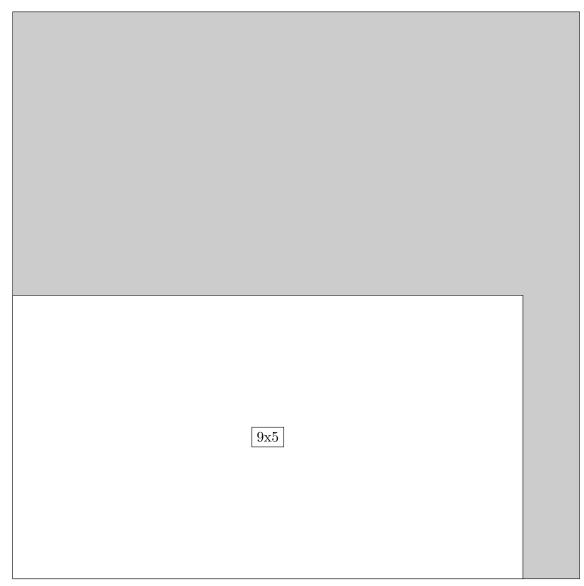
$$\begin{array}{l} w = 7 \ , \ h = 6 \ , \ x = 0 \ , \ y = 0 \ , \ v = 42 \\ w = 10 \ , \ h = 4 \ , \ x = 0 \ , \ y = 6 \ , \ v = 40 \\ w = 3 \ , \ h = 6 \ , \ x = 7 \ , \ y = 0 \ , \ v = 18 \end{array}$$

| 2x4 | 5x4 |  |
|-----|-----|--|
| 9x6 |     |  |

$$\begin{array}{l} w = 9 \ , \, h = 6 \ , \, x = 0 \ , \, y = 0 \ , \, v = 54 \\ w = 5 \ , \, h = 4 \ , \, x = 5 \ , \, y = 6 \ , \, v = 20 \\ w = 2 \ , \, h = 4 \ , \, x = 3 \ , \, y = 6 \ , \, v = 8 \end{array}$$



 $\begin{array}{l} w = 7 \ , \ h = 5 \ , \ x = 0 \ , \ y = 0 \ , \ v = 35 \\ w = 3 \ , \ h = 8 \ , \ x = 7 \ , \ y = 0 \ , \ v = 24 \\ w = 5 \ , \ h = 1 \ , \ x = 0 \ , \ y = 5 \ , \ v = 5 \end{array}$ 



 $\le =9$  , h =5 , x =0 , y =0 , v =45