${\bf ClassName:}~{\bf Class_01.2bp\text{-}20}$

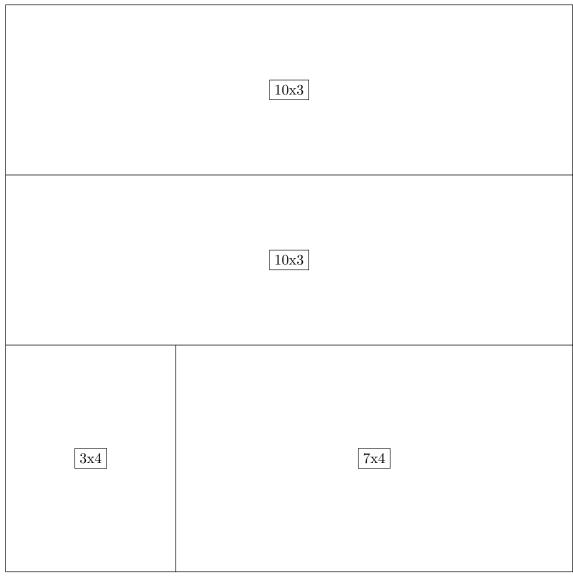
BinSize: 10×10 ReduceSize: 10×10

TypeNum: $\underline{43}$ Num: **60** OutS: **2300** InS: 2007Rate: 0.873UB: **23** LB: **23**

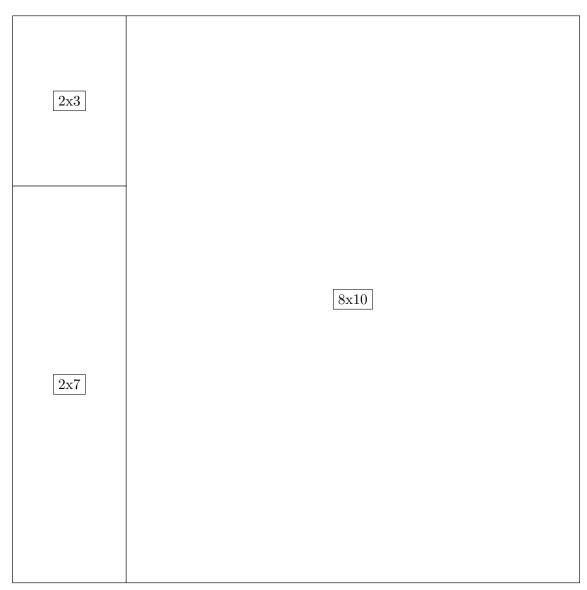
LBWithCut: 23 NodeCount: $\mathbf{0}$ PrimalNode: $\mathbf{0}$ $ColumnCount:\ \underline{\bf 23}$ $TotalCutCount: \ \mathbf{0}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: 1 PricingSolverCnt: $\underline{\mathbf{0}}$ Branch And
Bound Num: $\underline{\mathbf{1}}$

isOpt: **true**

TimeOnPrimal: 0.000 sTimeOnPricing: 0.000 sTimeOnRmp: $\underline{0.063 \text{ s}}$ TotalTime: 0.203 s



$$\begin{array}{l} w = 7 \ , \ h = 4 \ , \ x = 3 \ , \ y = 0 \ , \ v = 28 \\ w = 3 \ , \ h = 4 \ , \ x = 0 \ , \ y = 0 \ , \ v = 12 \\ w = 10 \ , \ h = 3 \ , \ x = 0 \ , \ y = 4 \ , \ v = 30 \\ w = 10 \ , \ h = 3 \ , \ x = 0 \ , \ y = 7 \ , \ v = 30 \end{array}$$



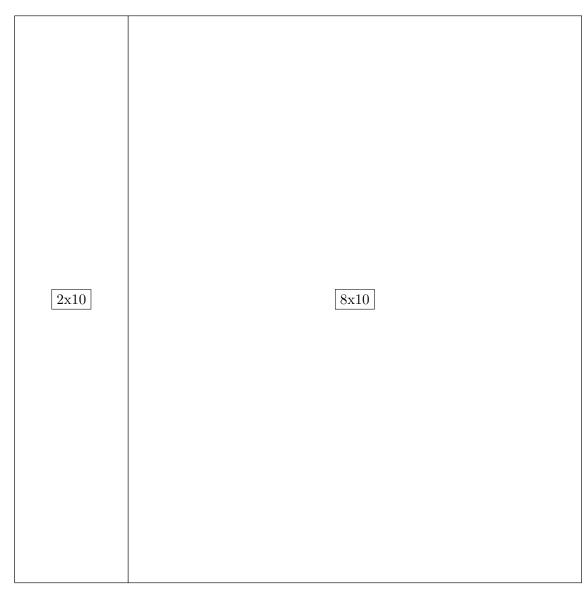
$$w=8$$
 , $h=\!10$, $x=\!2$, $y=\!0$, $v=\!80$

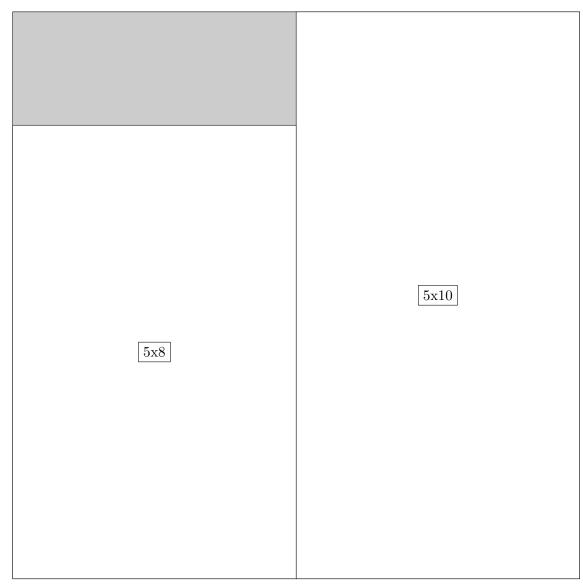
$$\mathbf{w}$$
 =2 , h =7 , x =0 , y =0 , v =14

$$\mathbf{w}$$
 =2 , h =3 , x =0 , y =7 , v =6

4x10	6x10

w =6, h =10, x =4, y =0, v =60 w =4, h =10, x =0, y =0, v =40





w =5, h =10, x =5, y =0, v =50 w =5, h =8, x =0, y =0, v =40



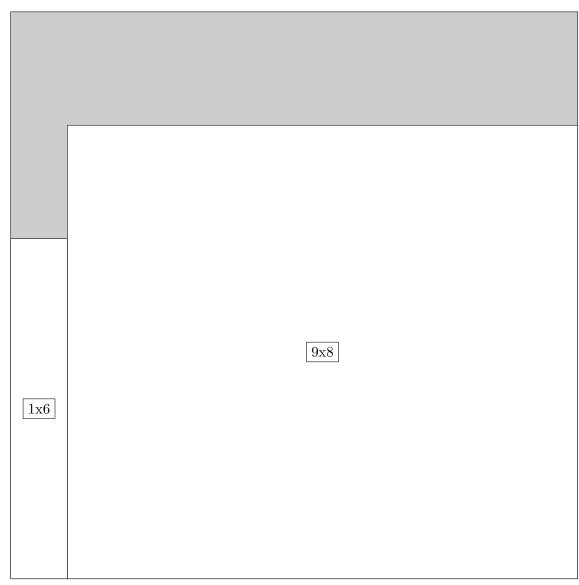
 \mathbf{w} =10 , h =10 , x =0 , y =0 , v =100

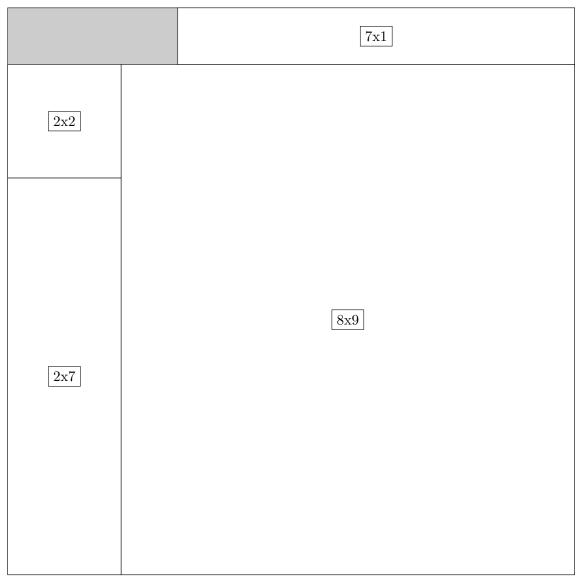


w = 10, h = 9, x = 0, y = 0, v = 90



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



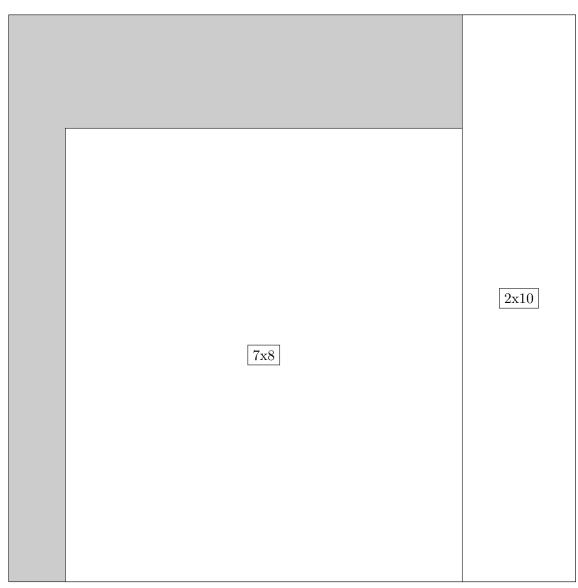


$$\mathbf{w}$$
 =8 , h =9 , x =2 , y =0 , v =72

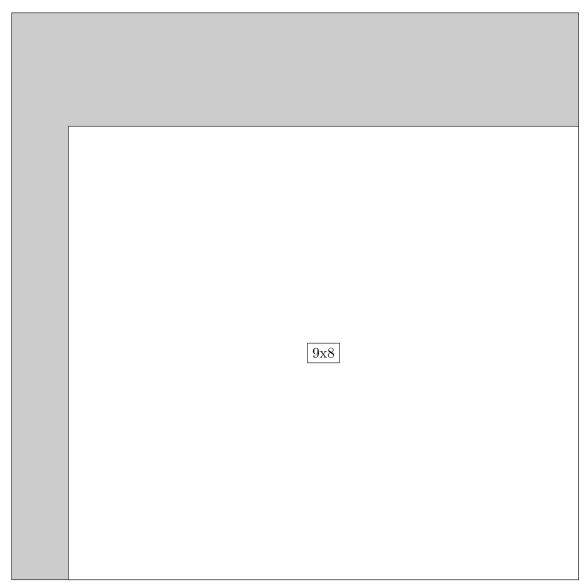
$$\mathbf{w}$$
 =2 , h =7 , x =0 , y =0 , v =14

$$\mathbf{w}$$
 =2 , h =2 , x =0 , y =7 , v =4

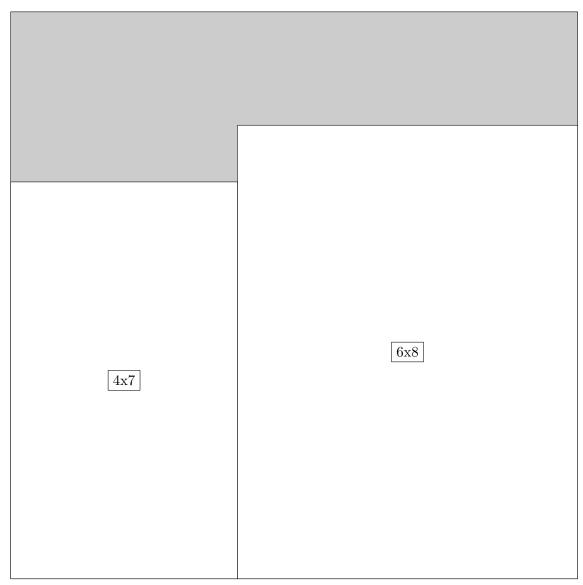
$$\mathbf{w}$$
 =7 , h =1 , x =3 , y =9 , v =7



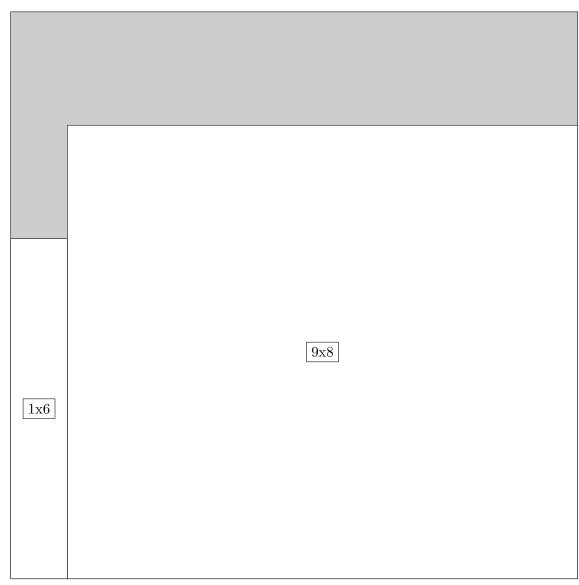
 $\begin{array}{c} w = 2 \; , \; h = \!\! 10 \; , \; x = \!\! 8 \; , \; y = \!\! 0 \; , \; v = \!\! 20 \\ w = \!\! 7 \; , \; h = \!\! 8 \; , \; x = \!\! 1 \; , \; y = \!\! 0 \; , \; v = \!\! 56 \\ \end{array}$

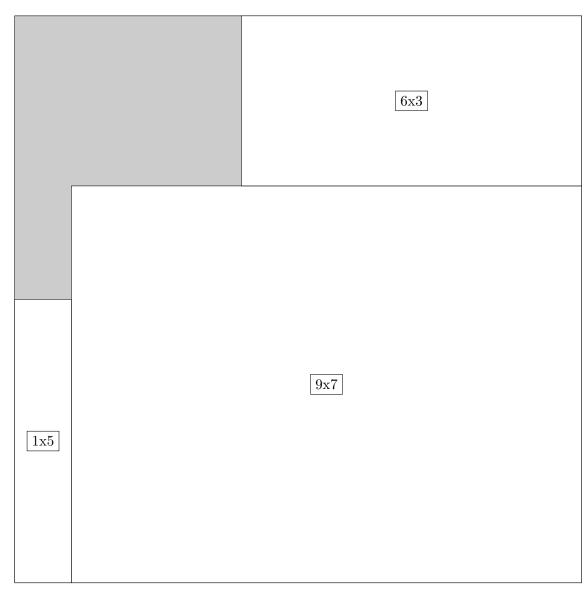


 $\le =9$, h =8 , x =1 , y =0 , v =72



w =6, h =8, x =4, y =0, v =48 w =4, h =7, x =0, y =0, v =28





$$\begin{array}{l} w = 9 \ , \ h = 7 \ , \ x = 1 \ , \ y = 0 \ , \ v = 63 \\ w = 6 \ , \ h = 3 \ , \ x = 4 \ , \ y = 7 \ , \ v = 18 \\ w = 1 \ , \ h = 5 \ , \ x = 0 \ , \ y = 0 \ , \ v = 5 \end{array}$$

		6x5
[4x2]	2x1	4x1
4x3		6x4

w = 6, h = 4, x = 4, y = 0, v = 24

 \mathbf{w} =4 , h =1 , x =6 , y =4 , v =4

w = 2, h = 1, x = 4, y = 4, v = 2

 $\mathbf{w}=\!\!4$, $\mathbf{h}=\!\!3$, $\mathbf{x}=\!\!0$, $\mathbf{y}=\!\!0$, $\mathbf{v}=\!\!12$

w = 4, h = 2, x = 0, y = 3, v = 8

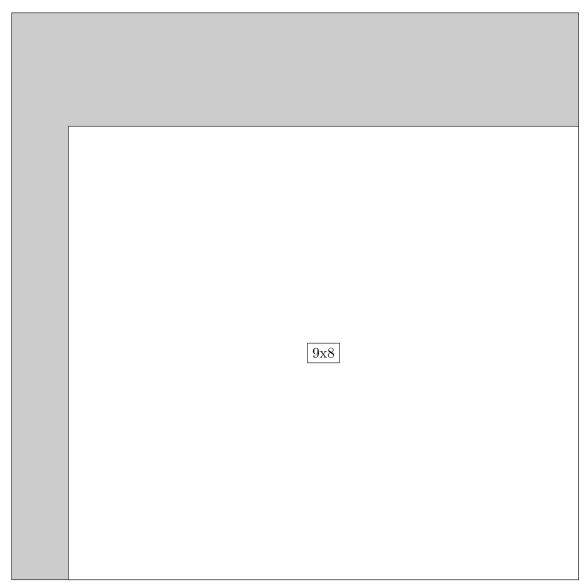
 \mathbf{w} =6 , h =5 , x =4 , y =5 , v =30

3x4	7x6
[4x4]	[6x4]

w =6, h =4, x =4, y =0, v =24 w =4, h =4, x =0, y =0, v =16

w = 7, h = 6, x = 3, y = 4, v = 42

 \mathbf{w} =3 , h =4 , x =0 , y =4 , v =12

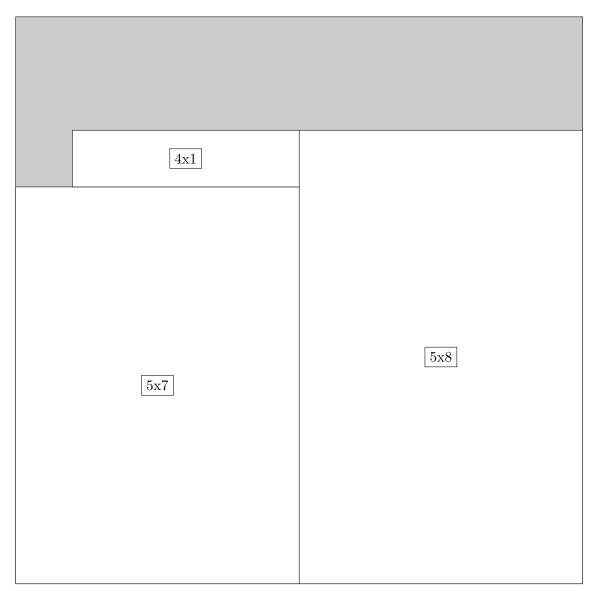


 $\le =9$, h =8 , x =1 , y =0 , v =72

5x1	- 5x2
5x9	
	5x8

 $\begin{array}{l} w = 5 \ , \ h = 8 \ , \ x = 5 \ , \ y = 0 \ , \ v = 40 \\ w = 5 \ , \ h = 2 \ , \ x = 5 \ , \ y = 8 \ , \ v = 10 \\ w = 5 \ , \ h = 9 \ , \ x = 0 \ , \ y = 0 \ , \ v = 45 \end{array}$

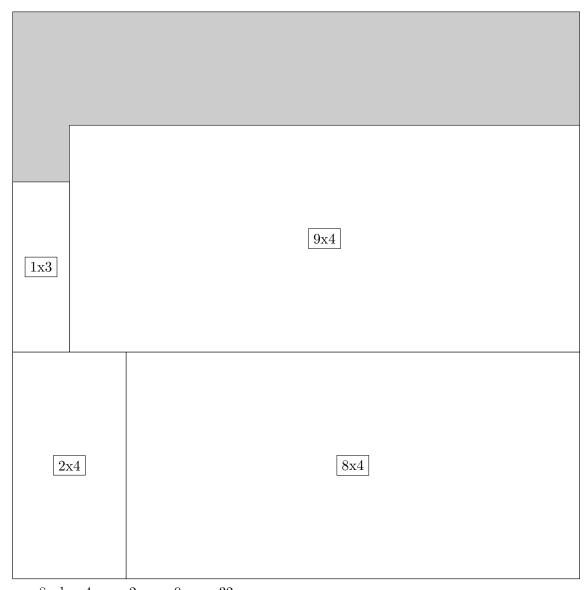
w = 5, h = 1, x = 0, y = 9, v = 5



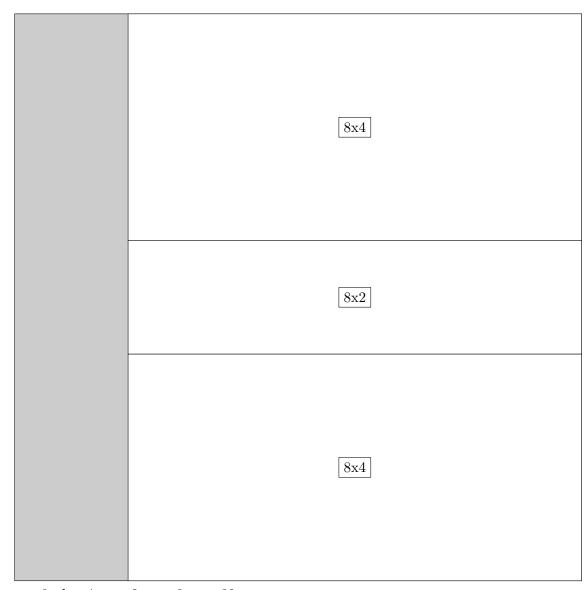
 $\begin{array}{l} w = 5 \ , \ h = 8 \ , \ x = 5 \ , \ y = 0 \ , \ v = 40 \\ w = 5 \ , \ h = 7 \ , \ x = 0 \ , \ y = 0 \ , \ v = 35 \\ w = 4 \ , \ h = 1 \ , \ x = 1 \ , \ y = 7 \ , \ v = 4 \end{array}$

3x9	3x9	4x9

 $\begin{array}{l} w = 4 \ , \ h = 9 \ , \ x = 6 \ , \ y = 0 \ , \ v = 36 \\ w = 3 \ , \ h = 9 \ , \ x = 3 \ , \ y = 0 \ , \ v = 27 \\ w = 3 \ , \ h = 9 \ , \ x = 0 \ , \ y = 0 \ , \ v = 27 \end{array}$



$$\begin{array}{c} w = 9 \ , \ h = \! 4 \ , \ x = \! 1 \ , \ y = \! 4 \ , \ v = \! 36 \\ w = \! 1 \ , \ h = \! 3 \ , \ x = \! 0 \ , \ y = \! 4 \ , \ v = \! 3 \\ \end{array}$$



$$\begin{array}{l} w = 8 \ , \ h = \! 4 \ , \ x = \! 2 \ , \ y = \! 0 \ , \ v = \! 32 \\ w = \! 8 \ , \ h = \! 2 \ , \ x = \! 2 \ , \ y = \! 4 \ , \ v = \! 16 \\ w = \! 8 \ , \ h = \! 4 \ , \ x = \! 2 \ , \ y = \! 6 \ , \ v = \! 32 \end{array}$$