



The image shows three regions,  $R_1$ ,  $R_2$ , and  $R_3$ , each filled with light blue and outlined in dark blue.  $R_1$  is a single connected region in the top left.  $R_2$  is a single connected region in the top right with a central hole.  $R_3$  consists of two separate connected regions in the bottom left and bottom right.

$R_1$

$R_2$

$R_3$