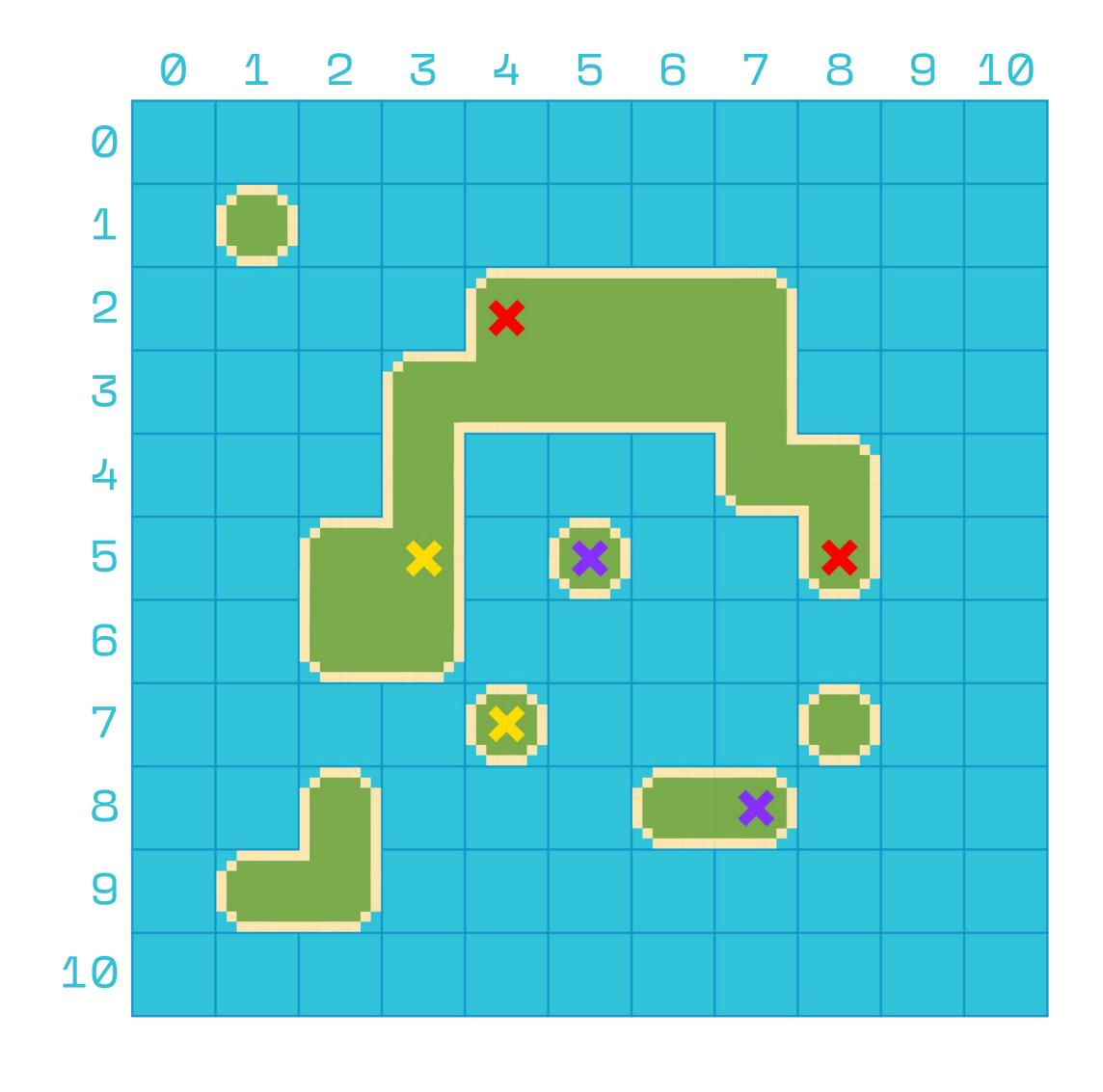






Ahoy navigator! Tell me, which points are on the same island?

- Given a map and a list of coordinate pairs, for each pair, find out whether both coordinates are on the same island.
- In this level, all given coordinates will be on land.
- Islands don't connect diagonally.



## Input

Name	Description	Example
Size of Map  Map	An integer representing the width and height of the map  A paragraph of characters	11  WWWWWWWWWW  WLWWWWWWWW  WWWLLLLLWWW  WWWLWWWLWW  WWLLWWWWWW
N	An integer representing the number of coordinate pairs	
Coordinate <b>Pair</b> (repeated N times)	A pair of coordinates separated by a space The order is X1,Y1 X2,Y2	4,2 8,5 3,5 4,7 5,5 7,8

## Output

Name	Description		Example	
Result (repeated N times)			SAME DIFFERENT DIFFERENT	









