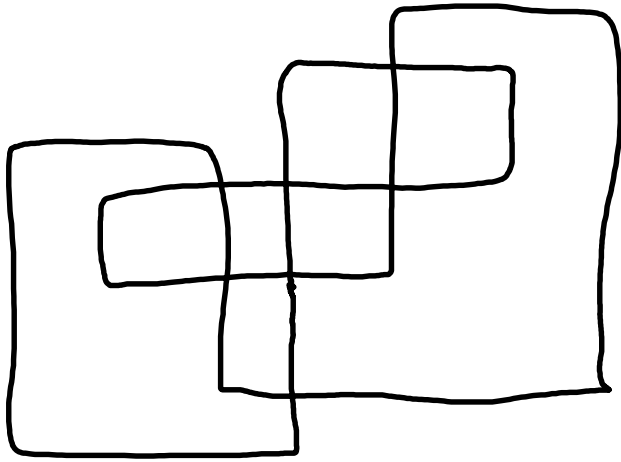


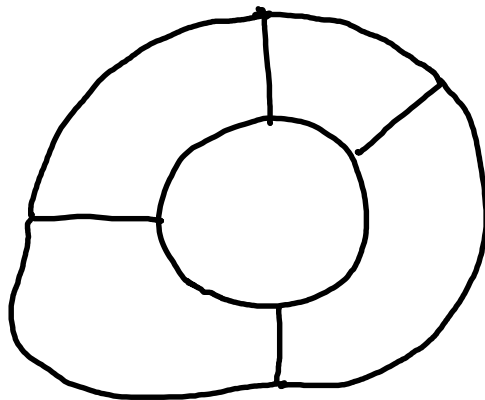
# COLOURING

When you draw a map, usually you want to colour the countries so that different countries that share a border are different colours.

① What's the fewest number of colours that you would need to colour this map:



② What about this map?



③ Can you draw a map that needs at least 4 colours?

④ Can you draw a map that needs 5 colours?