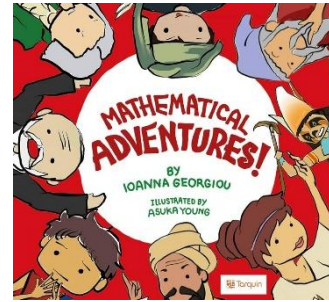


# 4 colour theorem challenge!



In mathematics, there is a theorem that tells us that any map can be coloured in using four colours only – the 4-colour theorem! Any arrangement of shapes can be coloured in with four colours or fewer. Can you colour the shape below using only four colours? The rules are: any two “countries” that share a border cannot be the same colour, but if the countries only meet at a point, they can be coloured the same. For example, the two countries coloured in below, only meet at a corner, so they can be the same colour.

Can you colour in the big diagram below with four colours or fewer?

