# Map Colouring and the Four Colour Theorem

The **Four Colour Theorem** says that using no more than four colours, every map (or drawing) can be coloured so that that regions sharing a common boundary do not have the same colour. It is one of the most famous theorems in mathematics because it was the first well-known theorem to require the use of a computer in its proof. At the time, this caused a public outcry!

The drawing below, published on 1 April 1975 in *Scientific American* by Martin Gardner, was said to require more than four colours. However, in July 1975, Gardner confessed that it had been an April Fool's joke! Can you colour it using only four colours?