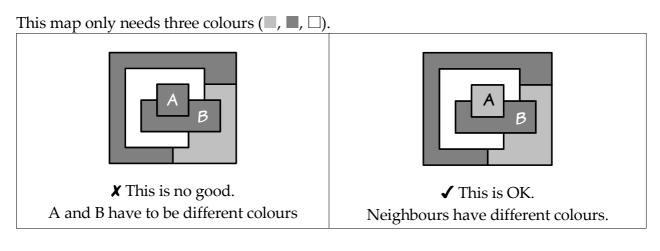
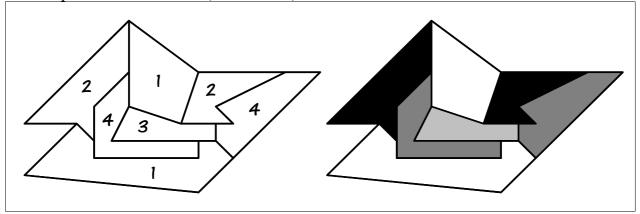
Map Colouring

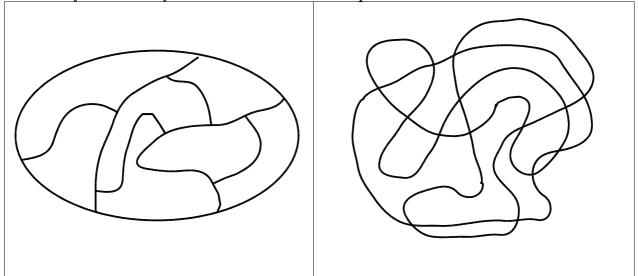
When you colour a map **regions** that share a border should have **different colours**.



This map needs four colours (\blacksquare , \blacksquare , \blacksquare , \Box).



How many colours do you need to colour these maps?



In 1976 two mathematicians, Ken Appel and Wolfgang Haken, proved that four colours were enough for *any* flat map you could draw.

Some maps of you own and try colouring them.

