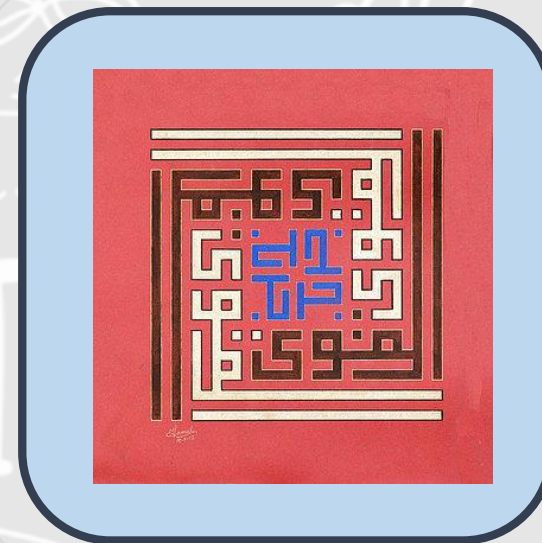


NUMERACY CHALLENGE



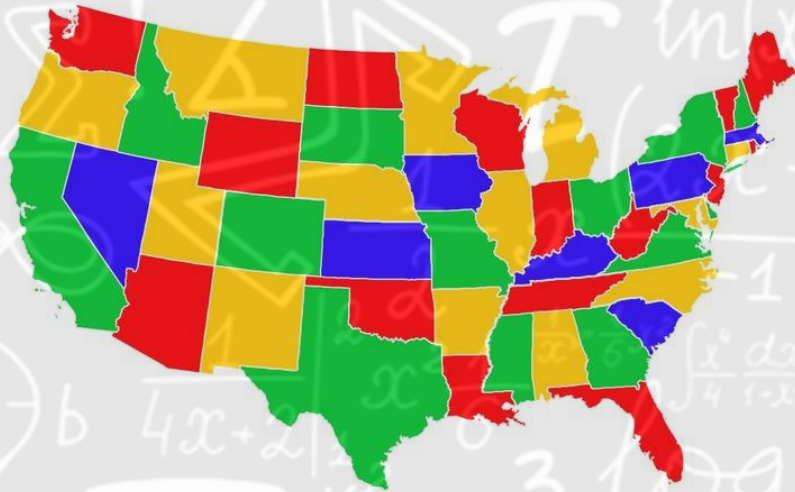
LEVEL 1



LEVEL 2

ACCESS MATHS

NUMERACY CHALLENGE



The 4 colour theorem states that the minimum amount of colours you can colour a picture in with without the same colours touching on an adjacent section is 4.



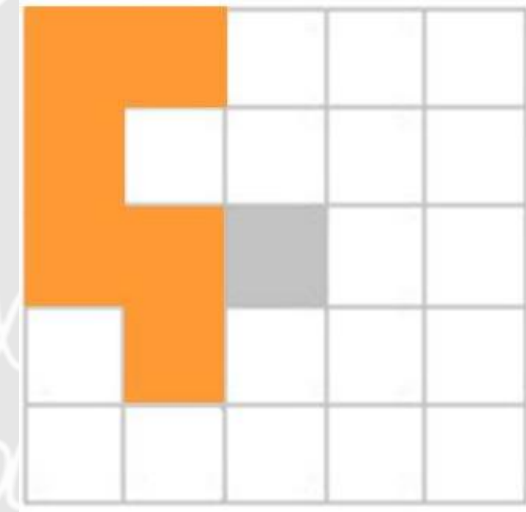
Using only 4 colours, make sure no colours are touching the same colour.

LEVEL 1

NUMERACY CHALLENGE



Jamal Muhsin is an Islamic Calligraphy artist. His work has rotational symmetry. (It can be rotated and looks exactly the same!)



Click here for a hint

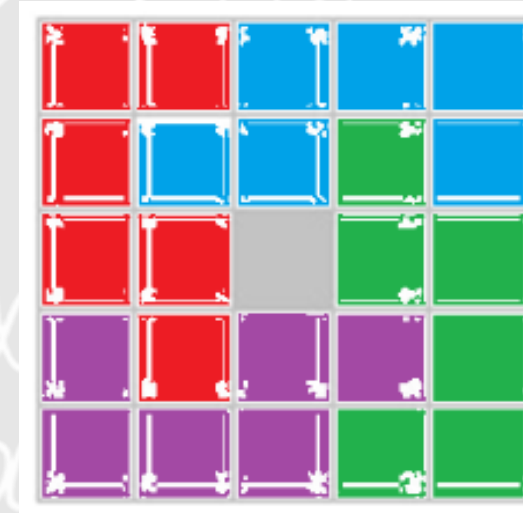
Four identical (congruent) shapes will fit around the centre square so that the overall shape has a rotational symmetry of four. There are 7 different shapes in total!

LEVEL 2

NUMERACY CHALLENGE



Jamal Muhsin is an Islamic Calligraphy artist. His work has rotational symmetry. (It can be rotated and looks exactly the same!)



Click here for a hint

Four identical (congruent) shapes will fit around the centre square so that the overall shape has a rotational symmetry of four. There are 7 solutions in total!

LEVEL 2

NUMERACY CHALLENGE LEVEL 1



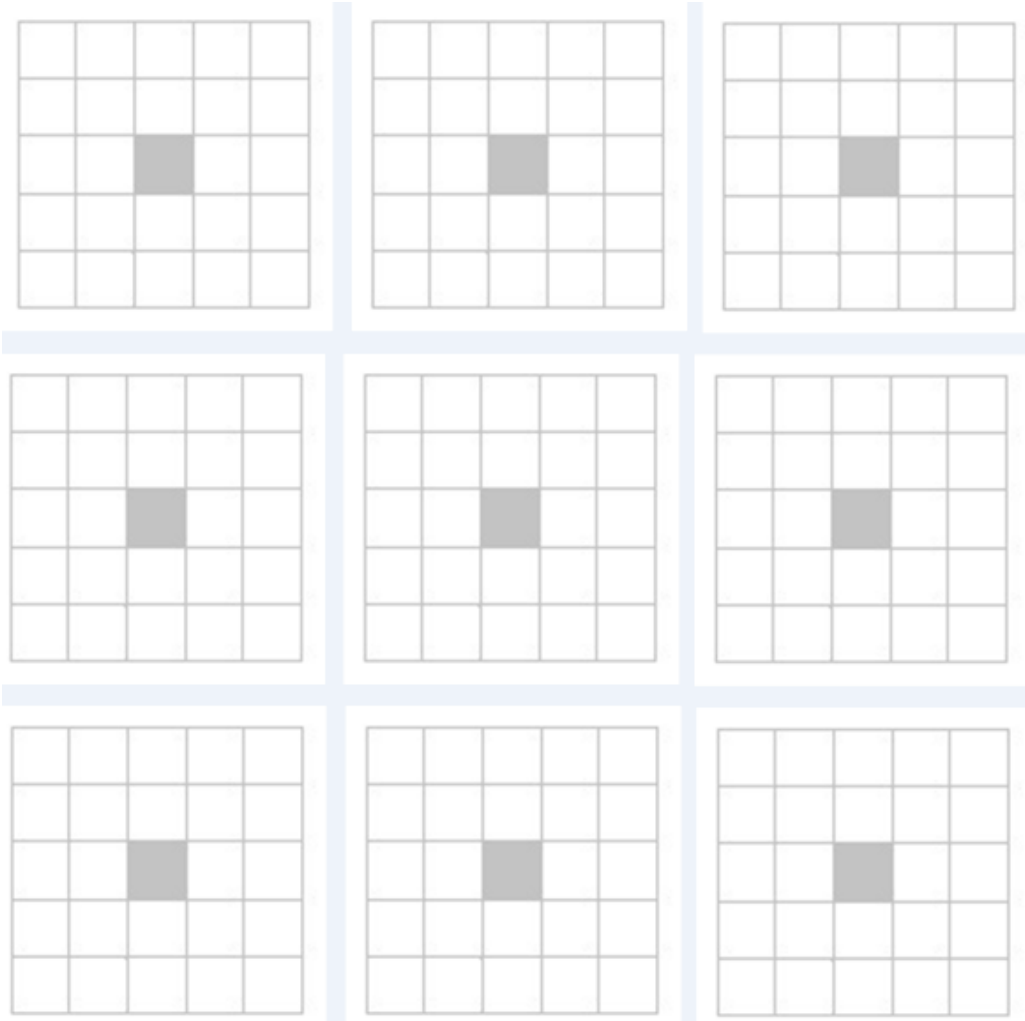
Using only 4 colours, make sure no colours are touching the same colour.

NUMERACY CHALLENGE LEVEL 1

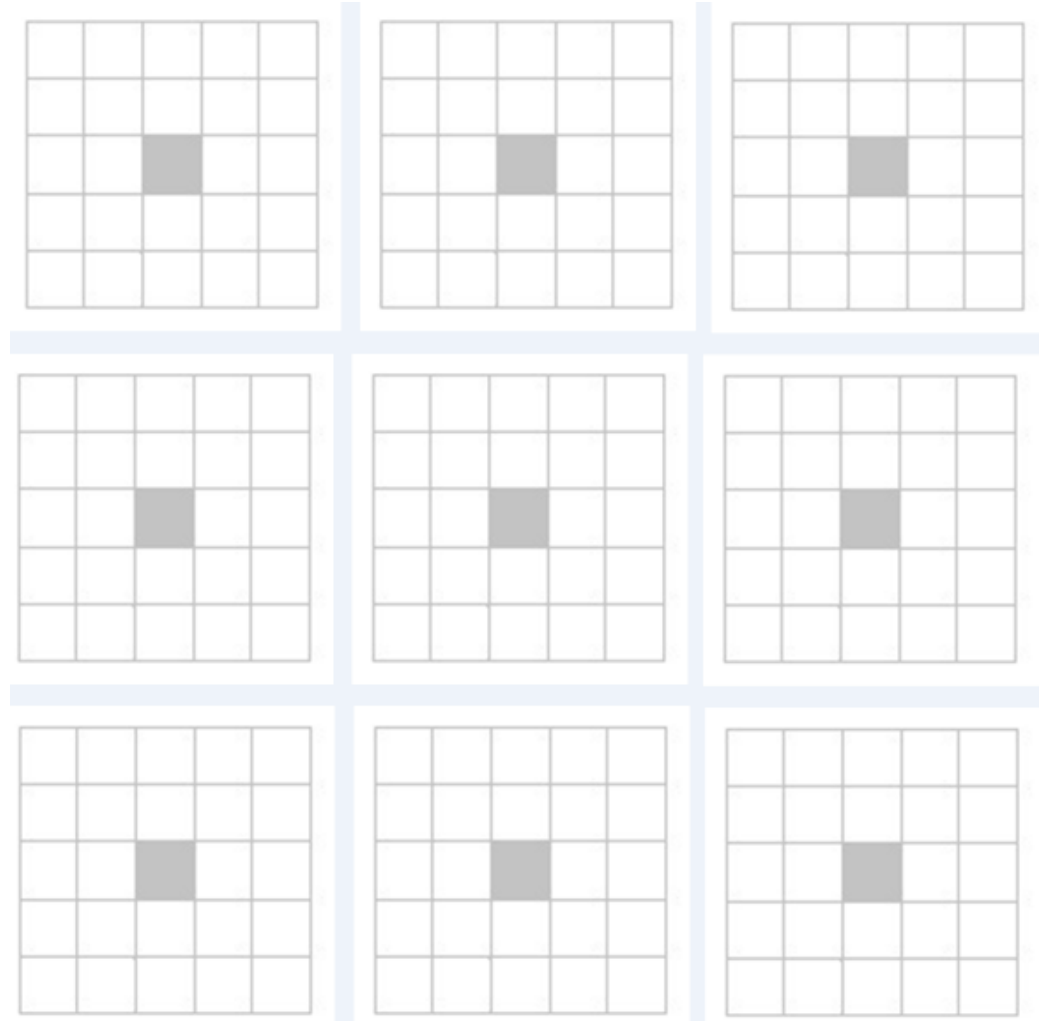


Using only 4 colours, make sure no colours are touching the same colour.

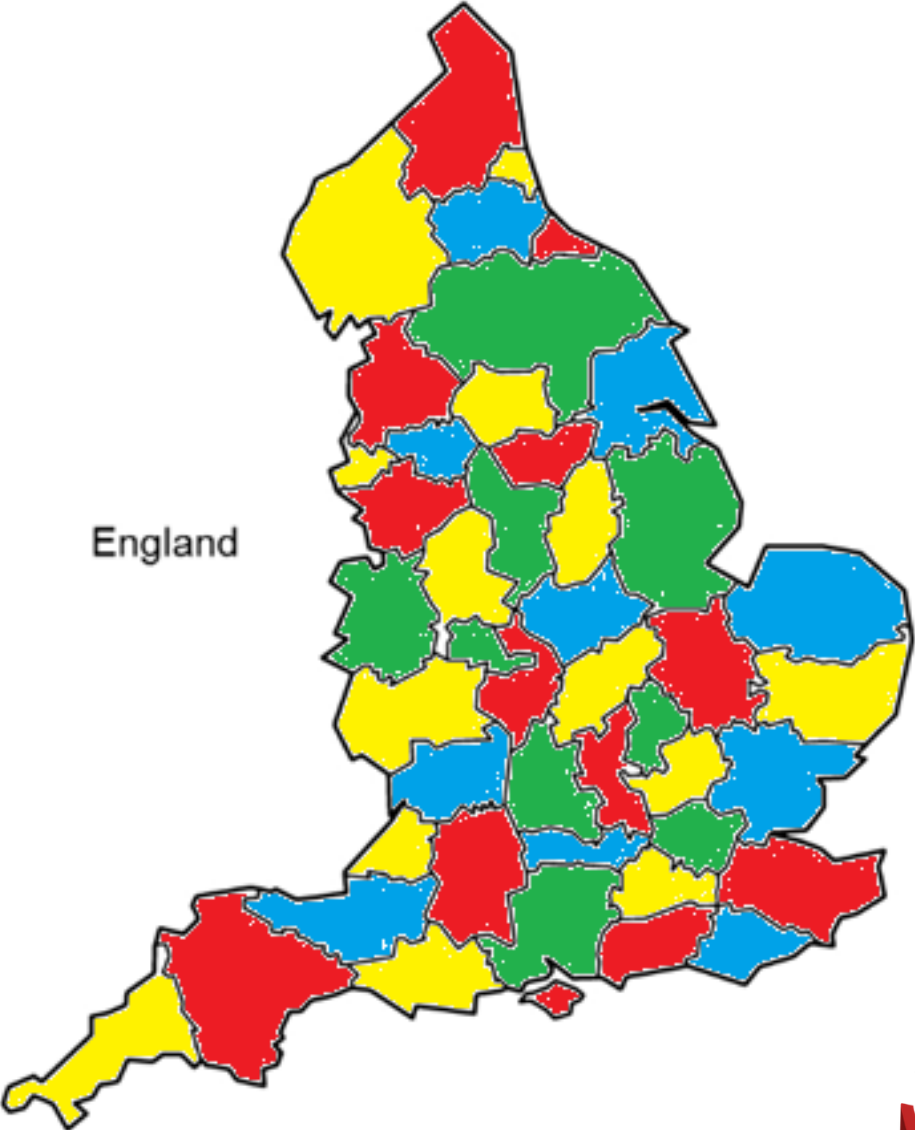
NUMERACY CHALLENGE LEVEL 2



NUMERACY CHALLENGE LEVEL 2



Level 1:



Level 2:

