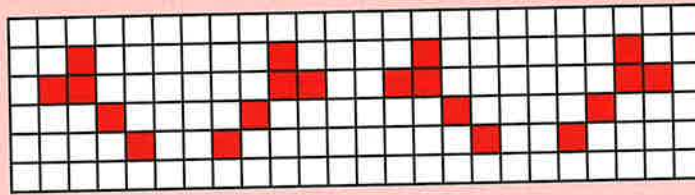




Challenge

Simple shapes can be made into a design by reflections or translations.

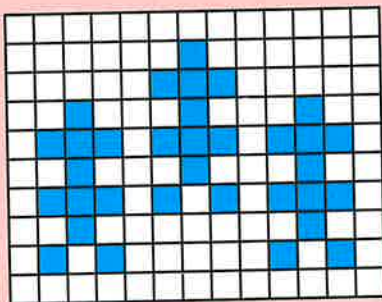
Reflections



You will need:

- 0.5 cm or 1 cm squared paper
- coloured pencils

Translations



Using squared paper, make a simple shape by colouring several squares in the same colour.

Then reflect and/or translate your shape several times to create a design.

Write about how you created your design.

Think about ...

Colour between 5 and 10 squares to make your original simple shape.



If your design includes reflections, translations **and** rotations, make sure you can explain how you 'transformed' your original shape each time.

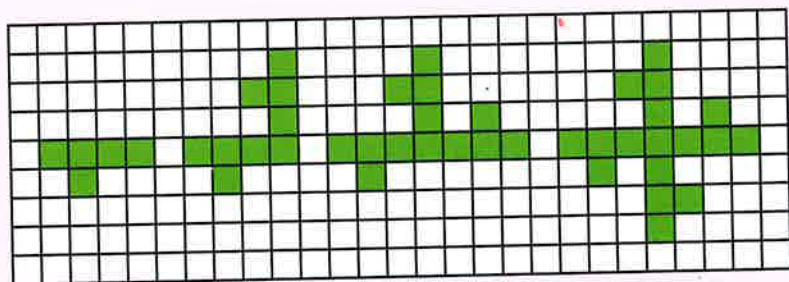
What if?

Designs can also be made using rotations.

Create a one-colour design using reflections and/or translations and/or rotations.

Create a design using reflections and/or translations and/or rotations and two or more colours.

Rotations



When you've finished, turn to page 80.

