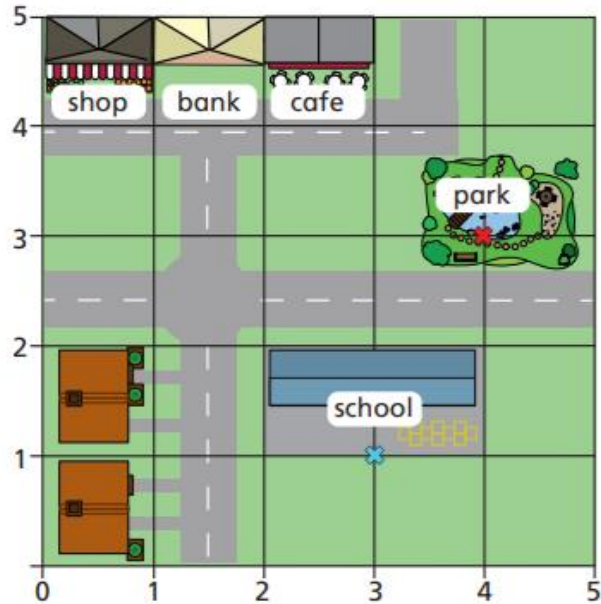


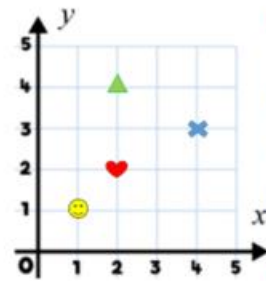
Mild

1 Here is a map of part of a town.



- a) Ron is standing at (1, 1).
He walks to the school gates at point (3, 1).
Complete the sentence to describe his journey.
Ron walks to the right.
- b) Rosie is standing at (4, 0).
She walks to the slide in the park at point (4, 3).
Complete the sentence to describe her journey.
Rosie walks up.
- c) Annie is at (5, 5) and wants to walk to the slide in the park.
What route could she take to get there?

Write the new co-ordinates for each shape after they have been translated 2 right and 3 up:



heart = (__, __) smiley = (__, __)

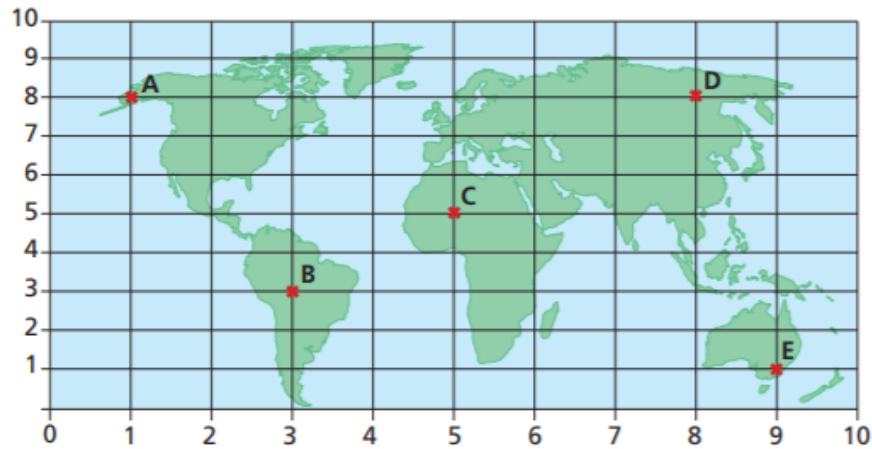
Write the new co-ordinates for each shape after they have been translated 2 right and 3 down:

triangle = (__, __) x = (__, __)

Use the grid above to describe the translation from:

- triangle to x
- heart to smiley
- heart to x
- triangle to heart
- smiley to x
- triangle to smiley

Hot



Complete the sentences to describe the movement of planes.

a) Plane 1 flies from A to D.

Plane 1 flies right.

b) Plane 2 flies from A to B.

Plane 2 flies right and down.

c) Plane 3 flies from C to D.

Plane 3 flies right and up.

d) Plane 4 flies from E to D.

Plane 4 flies left and up.

Describe the translation from:
A to B B to C C to D D to A

Plot points E, F and G and describe the translations from A to your new points, then from B.

