



Class 4 Weekly News

This week, Class 4 have been busy planning their explanation texts on animal adaptation in English and working hard plotting and reading coordinates in four quadrants in Maths (see below). As part of our local geography unit on mapping, yesterday we walked around the local area identifying human and physical features, and designing our own maps. Next week, the children will reproduce these maps using the correct geographically recognised map symbols. Look out for these in next week's Class 4 News.

Here are the coordinates of the vertices of a rectangle.

A (1, 1) B (5, 1) C (5, 3) D (1, 3)

Draw the rectangle on the grid.

Two squares are drawn on a grid. Here are the coordinates of the vertices of each square.

Square A (1, 1), (1, 3), (3, 3), (3, 1)

Square B (2, 2), (2, 4), (4, 4), (4, 2)

a) Do you think the squares will overlap? **YES!**

b) Draw on the grid to check your answer.

Two vertices of a triangle are shown on the grid.

a) What are the coordinates of the two vertices? **(3, 1)** and **(3, 3)**

b) Give a possible coordinate for the third vertex, if the triangle is right-angled. **(1, 3)**

c) Give a possible coordinate for the third vertex, if the triangle is isosceles. **(1, 1)**

Compare answers with a partner. **3 1**

Plot the points on the coordinate grid.

A (2, 2) B (3, 3) C (4, 4) D (5, 5) E (4, 4)

Write the coordinates of each vertex of the triangle.

L (3, 4) M (8, 9) N (4, 3)

data continued:
Walk-plot co-ordinates in the four quadrants.

The cards show the coordinates of six points.

A (4, 4) B (2, 3) C (4, 4)
D (4, 4) E (2, 3) F (4, 4)

Plot and label the points on the grid.

Write the coordinates of six points.

A (4, 4) B (2, 3) C (4, 4)
D (4, 4) E (2, 3) F (4, 4)

Write the coordinates of six points.

A (4, 4) B (2, 3) C (4, 4)
D (4, 4) E (2, 3) F (4, 4)

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Walk - continued

Write the coordinates of points A to H.

A (-4, 2) B (-2, 4) C (-2, 2) D (2, 2) E (4, 2) F (4, 4) G (2, 4) H (-4, 4)

Plot these coordinates.

A (-4, 2) B (-2, 4) C (-2, 2) D (2, 2) E (4, 2) F (4, 4) G (2, 4) H (-4, 4)

Join the points you have plotted to form a quadrilateral.

Complete the sentence to describe the shape you have drawn.

This quadrilateral is a rectangle.