
Functions

On the grid are eight points from two different functions.

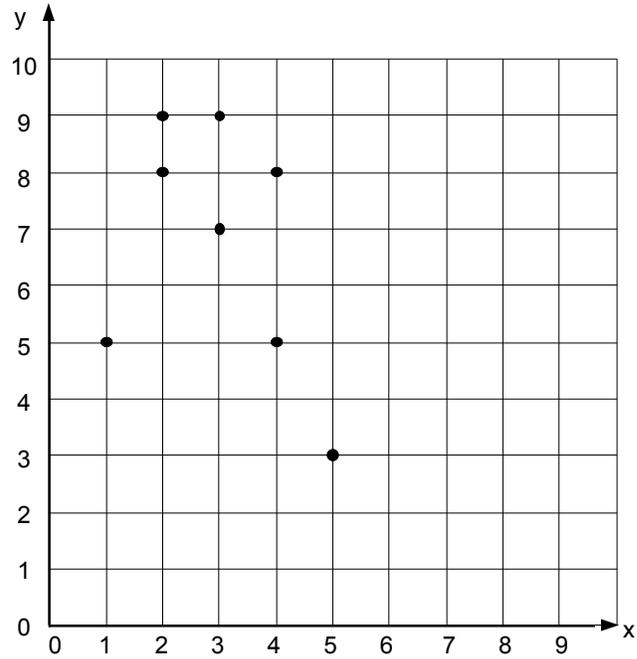
A certain linear function passes through exactly four of the points shown.

A certain quadratic function passes through the remaining four points.

For the **linear** function:

1. Write the coordinate pairs of its four points.

Draw the line on the grid.



2. Write an equation for the function.

Show your work.

For the **quadratic** function:

3. Write the coordinate pairs of its four points.

Draw the graph of the function on the grid.

4. Write an equation that fits the quadratic function.
Show your work.
