Functions

This problem gives you the chance to:

work with graphs and equations of linear and non-linear functions

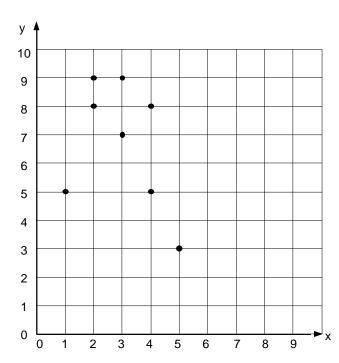
On the grid are eight points from two different functions.

- four points fit a **linear** function
- the other four points fit a **non-linear** function.

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 **non-linear** function:

3. Write the coordinate pairs of its four points.

Draw the graph of the function on the grid.

1.	The non-linear function is quadratic	The non-linear function is exponenti	al
Chris			Al
Who is correct?			
Explain your reason	ns.		
			
5. Write an equation t	that fits the non-linear func	etion.	
Show your work.			