Draw a graph of the function $y=2x^2+3x-12$ for values of $-5 \le x \le 5$

Always start these tables with the x value.			ıp to the fi		Calculate the second term		Complete the function
		here	a little bit at a time. (So here, start off with x ² and then progress to 2x ²).		and then add the first and second term together.		
							Copy it up neatly
	x	x²	2x²	3x	$2x^2 + 3x$	2x² + 3x - 12	у
	-5	-5 × -5	(-5 × -5) × 2	3 × (-5)	((-5 × -5) × 2) + (3 × (-5))	((-5 × -5) × 2) + (3 × (-5)) - 12	
	-4						
	-3						
	-2						
	-1						
	0						
	1						
	2						
	3						
	4						
	5						

Drawing your graph

- 1. Draw the axes for a graph.
- 2. Look at the lowest and highest values of x and y to ensure that you fit the graph onto the paper.
- 3. Mark each scale onto the graph.
- 4. Plot the x co-ordinate against each y co-ordinate.
- 5. Join the points and label your graph.