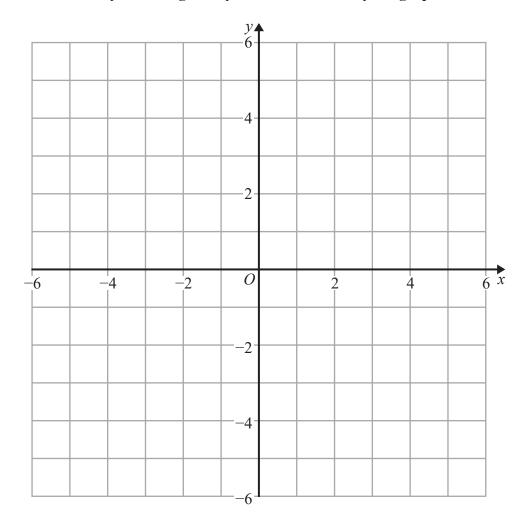
Question 2 continued

Only use this grid if you need to redraw your graph.





(Total for Question 2 is 4 marks)

3	Given that $(x - 4)$ is a factor of $px^3 - 31x^2 + 25x + 12$ where p is a constant, (a) show that $p = 6$		
		(2)	
	(b) Solve the equation $6x^3 - 31x^2 + 25x + 12 = 0$ Show clear algebraic working.		
		(4)	