4	$f(x) = 2x^3 + ax^2 + bx + 18$ where a and b are constants	
	When $f'(x)$ is divided by $(x - 2)$ the remainder is 5	
	Given that $(x - 2)$ is a factor of $f(x)$	
	(a) find the value of $a$ and the value of $b$ .	
		(6)
	(b) Express $f(x)$ as a product of linear factors.	(3)
	(c) Hence use algebra to solve the equation $f(x) = 0$	
		(2)

	Question 4 continued
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