5		$f(x) = ax^3 + 5bx^2 + 8ax - 4b$ where a and b are integers	
	Given that		
		(x + 2) is a factor of $f(x)$	
	and that		
		when $f(x)$ is divided by $(x + 3)$ the remainder is 21	
	(a) show that $a = 2$	and find the value of b	(=)
	(h) Usa algabra to s	solve the equation $f(x) = 0$	(5)
	(b) Ose algebra to s	solve the equation $T(x) = 0$	(4)

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(Total for Question 5 is 9 marks)				
	13 Turn over ▶			