5	$f(x) = 2ax^3 + x^2 - bx + 3a$ where a and b are integers.	
	Given that $(x + 2)$ and $(x - 1)$ are both factors of $f(x)$	
	(a) show that $a = 2$ and find the value of b	(5)
	(b) Hence factorise $f(x)$ completely.	(2)
	Hence, given that $h(y) = 2^{(3y+2)} + 2^{2y} - 11(2^y) + 6$	
	(c) solve the equation $h(y) = 0$	
	Where appropriate give your answers to 3 decimal places.	(5)
•••••		

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