10	(a)	An arithmetic progression contains 25 terms and the first term is -15 . The sum of all the in the progression is 525. Calculate	e terms
		(i) the common difference of the progression,	[2]
		(ii) the last term in the progression,	[2]
		(iii) the sum of all the positive terms in the progression.	[2]
	(b)	A college agrees a sponsorship deal in which grants will be received each year for sports equipment. This grant will be \$4000 in 2012 and will increase by 5% each year. Calculate	
		(i) the value of the grant in 2022,	[2]
		(ii) the total amount the college will receive in the years 2012 to 2022 inclusive.	[2]