4	Sam starts a job with an annual salary of £16000. It is promised that the salary will go up by the same amount every year. In the second year Sam is paid £17200.		the
	(a)	Find Sam's salary in the tenth year.	[2]
	(b)	Find the number of complete years needed for Sam's total salary to first exceed £500 000.	[4]
	(c)	Comment on how realistic this model may be in the long term.	[1]