7	Business A made a £5000 profit during its first year. In each subsequent year, the profit increased by £1500 so that the profit was £6500 during the second year, £8000 during the third year and so on.			
	Business B made a £5000 profit during its first year. In each subsequent year, the profit was 90% of the previous year's profit.			
	(a)	Find an expression for the total profit made by business A during the first <i>n</i> years. Give your answer in its simplest form.	[2]	
	(b)	Find an expression for the total profit made by business B during the first n years. Give your answer in its simplest form.	[3]	
	(c)	Find how many years it will take for the total profit of business A to reach £385 000.	[3]	
	(d)	Comment on the profits made by each business in the long term.	[2]	