(a) Show that $a=5$ (b) Find the common difference of the series.  (a) (c) Find the 12th term of the series.  (b) Find the 12th term of the series.  (c) Given that $1+S_{p+4}=2S_p$ (d) find the value of $p$ .  (4)	9	The sum $S_n$ of the first $n$ terms of an arithmetic series is given by $S_n = n(2n + 3)$ . The first term of the series is $a$ .	
(b) Find the common difference of the series.		(a) Show that $a = 5$	
(c) Find the 12th term of the series. (2) Given that $1 + S_{p+4} = 2 S_p$ (d) find the value of $p$ .			(2)
(c) Find the 12th term of the series. (2) Given that $1 + S_{p+4} = 2 S_p$ (d) find the value of $p$ .		(h) Find the common difference of the society	
(c) Find the 12th term of the series. (2) Given that $1 + S_{p+4} = 2 S_p$ (d) find the value of $p$ .		(b) Find the common difference of the series.	(3)
Given that $1 + S_{p+4} = 2 S_p$ (d) find the value of $p$ .			(3)
Given that $1 + S_{p+4} = 2 S_p$ (d) find the value of $p$ .		(c) Find the 12th term of the series.	
(d) find the value of p.			(2)
(d) find the value of p.		Given that $1 + S_{n+4} = 2 S_n$	
		(d) find the value of $p$ .	(4)
			(4)

Question 9 continued	



Question 9 continued	

Question 9 continued	
	(Total for Question 9 is 11 marks)

