Exercise 1 Calc. : X

1. A sequence has general formula $u_n = 15 + 3(n-1)$	5 marks
(a) What type of sequence is it? (State u₁ and r or d).(b) Calculate its 21st term.	
2. A geometric sequence has the first term equal to 10 and the common ratio equal to -2.	5 marks
 (a) Write a recurrence formula to describe this sequence. (b) Calculate the terms u₂, u₃ and u₄. 	