7	A sequence is defined by the recurrence relation	
	$u_{k+1} = u_k + 5$ with $u_1 = -2$.	
	(a) Write down the values of u_2 , u_3 , and u_4 .	[1]
	(b) Explain whether this sequence is divergent or convergent.	[1]
	(c) Determine the value of u_{30} .	[2]
	(d) Determine the value of $\sum_{k=1}^{30} u_k$.	[2]