Exercise 1	Calc. : ✓
You must justify your answers by writing all calculations that are relevant to your solutions.	
1. The 4th term of a geometric series is 10 and the 7th term is 80.	5 marks
Use this information to find the common ratio and the first term for this series and hence find the sum of the first 15 terms.	
2. A different series begins by adding the following numbers	5 marks
14 + 19 + 24 +	
How many terms of this series must be added together in order to exceed the sum of the first 15 terms of the geometric series?	