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| **Topic 1: Number and Algebra**  | **Geometric Sequences and Series** |
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| 1. The first 3 terms of a geometric sequence are , ,
	1. Find the value of r
	2. Find the value of
	3. Find the infinite sum of this geometric series
 | (2 marks)(2 marks)(2 marks) |
| Mark scheme: | (M1) (A1) (M1)(A1)(M1)(A1) |