|  |  |  |  |
| --- | --- | --- | --- |
| **Topic 1: Number and Algebra** | **Geometric Sequences and Series** | | |
|  | | | |
| 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) | |