ZiloAcademy

✨ Grade 10 Maths — Arithmetic & Geometric Sequences ✨

Name: Demo **Date:** 26/11/2026

1. What is the common ratio of the geometric sequence 6, 24, 96, ...?

2. Find the 5th term of the geometric sequence 5, 15, 45, ...

3. Find the rule for the nth term of: -6, -2, 2, 6, ... (format like 4n-3, no spaces)

4. What is the common ratio of the geometric sequence 3, -6, 12, ...?

5. Find the 6th term of the geometric sequence 6, 24, 96, ...

6. Find the 30th term of the arithmetic sequence -6, 1, 8, 15, ...

7. What is the common ratio of the geometric sequence 1, 2, 4, ...?

8. Find the rule for the nth term of: 20, 22, 24, 26, ... (format like 4n-3, no spaces)

9. Find the 6th term of the geometric sequence 5, 10, 20, ...

10. What is the common ratio of the geometric sequence 5, 20, 80, ...?