

Geometric Sequence - MCQ

1) Which of the following is a geometric progression?

- a) $-63, -60, -55, -48, \dots$ b) $21, 42, 63, 84, 105, \dots$ c) $\frac{1}{6}, \frac{1}{15}, \frac{2}{75}, \frac{4}{375}, \dots$

2) Which of the following sequence is not a geometric sequence?

- a) $1.5, 4.5\sqrt{3}, 40.5$ b) $0.24, 0.48, 0.96, \dots$

3) Which of the following is a geometric sequence?

- a) $2, 16, 128, 1024, \dots$ b) $50.3, 100.3, 200.3, \dots$

4) Which of the following is an arithmetic sequence?

- a) $0.2, 0.5, 0.8, 1.1, \dots$ b) $6, 9, 14, 17, 22, \dots$

5) Which of the following is a geometric progression?

- a) $99, 199, 299, 399, \dots$ b) $-8, -40, -200, -1000, \dots$

6) Which of the following is a geometric progression?

- a) $\frac{45}{7}, \frac{97}{14}, \frac{52}{7}, \frac{111}{14}, \dots$ b) $348.3, 350.3, 354.3, \dots$ c) $-26.3, 131.5, -657.5, \dots$

7) Which of the following sequence is a geometric sequence?

- a) $-64, -71, -78, -85, \dots$ b) $75, 450, 2700, \dots$ c) $102, 106, 111, 117, \dots$

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