

Geometric Sequence - MCQ

1) Which of the following is a geometric progression?

- a) 21, 53, 85, 117, ... b) 9.2, 27.6, 82.8, 248.4, ... c) $5, 5 + \sqrt{2}, 7, 7 + \sqrt{2}, \dots$

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

- a) 32, 160, 800, 4000, ... b) 1, 2, 4, 8, 16, 32, 64, 128, 256, 512, 1024, ... c) -19, -18, -15, -10, ...

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

- a) -13, -195, -2925, ... b) 1, 2, 4, 8, 16, 32, 64, 128, 256, 512, 1024, ... c) -201, -303, -405, ...

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

- a) 9.5, 19.5, 29.5, 39.5, ... b) 4.1, 6.1, 10.1, 16.1, ... c) 1, 2, 4, 8, 16, 32, 64, 128, 256, 512, 1024, ...

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

- a) 1, 3, 9, 27, 81, ... b) 1, 2, 4, 8, 16, 32, 64, 128, 256, 512, 1024, ... c) 49, 159, 269, 379, ...

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

- a) 45, 135, 405, 1215, ... b) -12, -24, -48, -84, ... c) 76.2, 381, 1905, ...

7) Which of the following is a geometric progression?

- a) 9.5, 39.9, 167.58, ... b) 5.2, 7.4, 10.6, 12.8, 16, ... c) $\frac{53}{3}, \frac{109}{6}, \frac{56}{3}, \frac{115}{6}, \dots$

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