

Geometric Sequence - MCQ

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

- a) 48, -720, 10800, ... b) 5.2, 7.4, 9.6, 11.8, ... c) 9.4, 75.2, 601.6, ...

2) Which of the following is a geometric progression?

a) $\frac{7}{3}, \frac{7}{2}, \frac{14}{3}, \frac{35}{6}, \dots$

2, 196, 19208, ...

3) Which of the following is a geometric progression?

a) -8, -280, -9800, ...

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-12, -24, -38, -54, ...

4) Which of the following is a geometric progression?

a) -62, -806, -10278, ...

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112, 123, 134, 145, ...

5) Which of the following is a geometric progression?

a) -303, -405, -540, ...

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12.4, 32.5, 52.7, 73, ...

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

- a) 265, 295, 325, 355, ... b) 18, 90, 450, 2250, ... c) $\frac{8}{7}, \frac{32}{21}, \frac{128}{63}, \frac{512}{189}, \dots$

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

- a) $\frac{4}{5}, \frac{4}{25}, \frac{4}{125}, \frac{4}{625}, \dots$ b) $\frac{10}{7}, \frac{44}{21}, \frac{58}{21}, \frac{24}{7}, \frac{86}{21}, \dots$ c) 142, 160, 179, 199, ...