

Arithmetic Sequence - MCQ

- 1) Which of the following is not an arithmetic sequence?
- a) 2, 8, 18, 32, 50, ... b) 0.3, 2.4, 4.5, 6.6, ... c) -1.5, 2, 5.5, 9, 12.5, ...
- 2) Which of the following sequence is an arithmetic progression?
- a) 8.5, 19.5, 41.5, ... $\frac{2}{3}, -\frac{8}{9}, \frac{32}{27}, -\frac{128}{81}, \dots$
- 3) Which of the following sequence is an arithmetic progression?
- a) -90, -15, 60, 135, ... 9.2, 27.6, 82.8, 248.4, ...
- 4) Which of the following sequence is an arithmetic progression?
- a) $\frac{2}{5}, \frac{61}{40}, \frac{53}{20}, \frac{151}{40}, \dots$ 0.4, 1.6, 6.4, 25.6, ...
- 5) Which of the following sequence is an arithmetic progression?
- a) $\sqrt{7}, 4\sqrt{7}, 7\sqrt{7}, \dots$ 102, 204, 308, 414, ...
- 6) Which of the following sequence is not an arithmetic progression?
- a) -7.2, -7.7, -8.2, -8.7, ... b) 14, 64, 164, 314, 514, ... c) 11, 33, 55, 77, 99, ...
- 7) Which of the following sequence is an arithmetic progression?
- a) 1.5, 4.1, 6.7, 9.3, 11.9, ... b) $\frac{1}{5}, \frac{2}{25}, \frac{4}{125}, \frac{8}{625}, \dots$ c) -68, -55, -43, -32, ...

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