

Arithmetic Sequence - MCQ

1) Which of the following sequence is not an arithmetic progression?

- a) 12.4, 32.5, 52.6, 72.7, ... b) 32, 96, 160, 224, 288, ... c) $\sqrt{5}, 2\sqrt{5}, 4\sqrt{5}, 8\sqrt{5}, \dots$

2) Which of the following is an arithmetic sequence?

- a) 8.6, 34.4, 137.6, ... b) -63, -60, -54, -45, ...

3) Which of the following is an arithmetic sequence?

- a) -12, -24, -48, -96, ... b) 142, 160, 178, 196, ...

4) Which of the following is an arithmetic progression?

- a) $\sqrt{7}, \sqrt{14}, \sqrt{21}, \dots$ b) 25, 75, 175, 325, ...

5) Which of the following is an arithmetic progression?

- a) 112, 122, 134, ... b) $\frac{5}{8}, \frac{85}{72}, \frac{125}{72}, \frac{55}{24}, \frac{205}{72}, \dots$

6) Which of the following is an arithmetic sequence?

- a) 265, 235, 205, 175, ... b) 41, 20.5, 10.25, 5.125, ... c) 8.3, 13.3, 23.3, 38.3, ...

7) Which of the following is not an arithmetic sequence?

- a) 11, 55, 99, 143, 187, ... b) -5.2, -3, -0.8, 1.4, 3.6, ... c) $\frac{6}{5}, \frac{11}{5}, \frac{21}{5}, \frac{36}{5}, \frac{56}{5}, \dots$

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