

Name : _____

L1S5

General Sequence - Term

Write the general term of each sequence.

1) $\sqrt{5}, 5 + \sqrt{5}, 10 + \sqrt{5}, 15 + \sqrt{5}, 20 + \sqrt{5}, \dots$ 2) $e^{-2}, e^{-4}, e^{-6}, e^{-8}, e^{-10}, \dots$

3) $\frac{1}{2}, \frac{4}{5}, \frac{9}{8}, \frac{16}{11}, \frac{25}{14}, \dots$ 4) $2, 120.2, \dots$

5) $10, -40, 90, -160, \dots$ 6) $5, \dots$

7) Find the tenth term of the sequence $1, 4, 9, 16, 25, \dots$

8) Find the eleventh term of the sequence $4, 16, 36, 64, 100, \dots$

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